## 2017-2018 Wholesale Catalog

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# L.E. Cooke Co's THE COOKE BOOK® Recipes for Success



After 5 years of drought, we are celebrating the unexpected and welcomed record rains and snow pack. View is looking across Cooke 5D field getting ready for planting with Sierra Nevada Mountains in background.

# Look for these New (or Returning) Products \*\* = See color photos this page

#### **FRUITS**

Peachcot (STD & EZP)
Ghost Hill Fig
Hardy Chicago Fig\*\*
LSU Purple Fig
Controller 6 SD Peach Rootstock
Peachy Keen® Peach EZP\*\*
Texas Hardy Pomegranate\*\*
Golden Smyrna Quince\*\*

#### **SMALL FRUITS**

Kyoho Grape Tristar Strawberry

#### **NUT TREES**

Lakota Pecan Sioux Pecan\*\* Waco Pecan

SHRUBS

Blue Boy Lilac\*\*

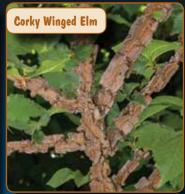
#### **SHADES & ORNAMENTALS**

Acer palmatum (Emperor 1)
Mexican Redbud - Tree Form\*\*
Don Egolf Redbud - Tree Form\*\*
Hardy Rubber Tree
Corky Winged Elm\*\*



## **NEW PRODUCTS FOR 2017-2018**







Sioux Pecan





Don Egolf Redbud

Image taken at Fort Worth Botanical Garden





## The Cooke Book® - Recipes for Success

## Bringing New Varieties to Market 1

"What's New?"

Every year we bring a number of new varieties to market. Many of you ask "What's New?" as soon as we walk through the door as we begin each new season of order bookings. So we know how important it is to you. Believe me, we love it too!.

So how do we come up with new varieties all the time? The simple answer - you find them and bring them to us. We do not have a breeding program. But we do have thousands of passionate customers that love horticulture and bring to us new and novel trees and shrubs that they would like to see grown in the future. Some of these come from breeding programs from around the country (like Universities breeding for low chill or disease resistant fruits for the humid south) and many others come from keen observers finding something new that popped up from seed or from sports of existing trees.

Once you capture our attention, we work on bringing budwood or trees to the nursery - clearing all the appropriate phytosanitary and governmental hurdles. Sometimes trees are held in quarantine for several years.

We have a test orchard - which is a delightful place to browse most of the year. Before anything gets put into the production field, we have planted it and grown it in our test orchard. And if it is an edible we all eat it. Nothing is put into production if it does not pass muster with the sales and office staff. If edible, it has to taste great!

Once we have determined it looks good to our eyes and tasters, we run small test blocks in the field to learn how it grows (how fast - 1, 2 or 3 year field?, does it need staking?, how high and when to top?, own root or budded/grafted?, can we estimate chilling hours?, what caliper of height range at harvest?, can I steal one and plant in my yard?, etc. (3)

And from these early production runs we plant more in the orchard to create increased numbers to cut from for the future - which means several more years

to grow sufficiently to cut heavily. Cut heavily too early and we don't get growth for the future which is what happened with our early roll out of Panache Fig and Hardy Chicago Fig (which is still very low in numbers).

For most of us - this takes forever and we are impatient! Sometimes I place a new variety on my planting or budding list as a reminder and it sits there several more years before we have sufficient scion wood to go into production.

And then there are the failures. Not the ones we rejected, but the ones we brought to market and for some reason never gained enough traction to sustain sales after the first several years. A lot has to do with marketing, photography and good catchy product names. We don't claim to be the best at marketing - after all we are passionate plant people first and foremost. But we try and based upon the number of other nurseries that copy what we have introduced over the years, I think we have done well.

If you are interested in our history of introductions, please visit our website: <a href="http://www.lecooke.com/introductions.html">http://www.lecooke.com/introductions.html</a>

#### Water & Drought

I am sure you saw the news. California received unexpected ample rain and snow for which we are very thankful. Is the drought over? Temporarily, and we expect the buying public to run to the nurseries to make up for last few years. But the man made drought will return since our state governor and leaders continue to fail to capture the surplus for the dry years. They dump it to the ocean while the farmers (like us) flood surplus land with the hopes of filling aquifers for the future. We will still have man made droughts since the leadership of this state think agricultural use of water is a waste. You can probably tell we are frustrated with myopic leadership.

We hope you have a very great 2017 season and look forward to serving you for the 2017-18 bareroot season.

God Bless.

Ron Ludekens 2/28/2017

#### **Pre-selling**

Did you know, we have customers who sell the majority of their trees we ship to them within days or weeks of them receiving the trees?

They are selling them all summer and fall and the customers pick up during the time of year when the nursery is chilly and quiet.

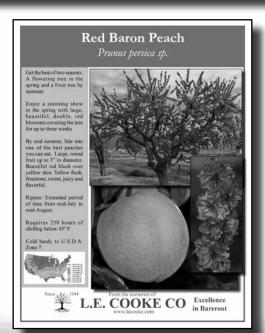
Gives you cash flow before Spring arrives and keeps valuable employees employed with you during slower months!

#### Steps for a Successful Pre-Selling Season

- 1) Start with your staff in May or right after you place your bareroot order and just beyond your peak spring season. Start early so you allow it to have the summer and fall months to grow your winter sales. Explain the concept and vision to staff.
- 2) Set up your custom picture book (catalog of trees to sell from). Easiest is to print Point of Sales Pages right off our website and slip them into plastic sheet protectors and put in a 3 ring binder.
- 3) Find a visible spot for the "catalog" binder and hang a sign above it saying "Order Your Fruit Trees Here".
- 4) Create an order form for your customer. We suggest offering a 10% discount for buying early and we absolutely recommend a mandatory 50% deposit (which encourages them to show up in cool weather or pays for the tree should they fail to show up to pick it up).
- 5) Set up a 3 week period to pick up the tree timed to start so it happens shortly after the trees arrive. Charge extra if not picked up in that window of time (charge back the 10% discount?).
- 6) During the season, when you sell out or down what you have booked with us, order another bundle. Requires some form of record keeping. We have some ideas ask your sales representative.
- 7) Start small and build upon your success.

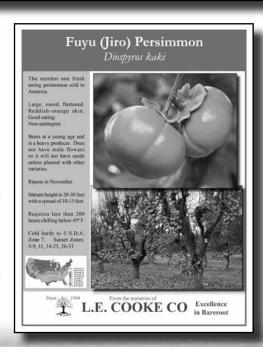
Remember: If you have the tree in stock, sell it. If you don't have the tree in stock, sell it anyway for future pickup.

Don't let that customer get away without buying once you know what they want!



**Pre-selling**: Download and print our information pages to create a book (your catalog) for your customers to order from.

**Pre-selling**: Can be as simple as putting a sign in your window or door saying "Order your fruit trees now."







#### **DRIP IRRIGATION IMPROVES QUALITY**

In recent years it was our decision to convert our field production from furrow irrigation to drip irrigation. All our irrigation water is pumped from underground aquifers. The original decision was purely to be good stewards of resources and cut down on water usage because we knew the cost of the drip would cost more than the savings of electrical costs by pumping less water. The up-front conversion costs were huge so only a few fields could be done each year.

What we did not anticipate was the huge improvement in our quality of trees and root systems. Consistency of size across the rows was improved – even in fields with weak spots such as sand streaks. When the hottest temperatures arrive in the summer, we can irrigate whole fields at one time and prevent trees from shutting down – again aiding the uniformity of growth and branching.

The biggest improvements were hidden until harvest. The root systems are vastly improved. Water and nutrients are kept in the immediate root zone. Before food and water were in the furrows between the rows which meant the digger blades cut off the fibrous roots out there. Now they stay with the tree and not leached into the water table.

Some nurseries undercut their trees to accomplish this same root improvement but we have accomplished the effect without running the risk of slowing tree growth or introducing disease like crown gall to the cut roots.

Viability also improved as a result. Although viability losses are very low, the more sensitive items have shown improvement. For example, Persimmons used to have a very coarse root structure with little fiber. Losses traditionally ran higher because of it. Today the trees have a mass of fiber (see photo above) and losses for those drip grown trees have dropped to nearly nothing.

100% of the crop are now harvested from fields fed on drip and every crop from here on will be on drip. It took a huge investment to convert nearly 1,000 acres but it is done and we are pleased with the results. The commitment to conserve water turned into a better quality product.

In the end, we did save money too. Drip greatly reduced tractor work, weeding and dust suppression.

Order Value
\$36,000 & UP
\$32,000 - \$35,999
\$28,000 - \$31,999
\$24,000 - \$27,999
\$20,000 - \$23,999
\$16,000 - \$19,999
\$14,000 - \$15,999
\$12,000 - \$13,999
\$10,000 - \$11,999
\$8,000 - \$9,999
\$7,000 - \$7,999
\$6,000 - \$6,999
\$5,000 - \$5,999
\$4,000 - \$4,999
0 - \$3,999

#### **RETAIL & WHOLESALE VOLUME DISCOUNTS**

Volume discounts are available due to savings from assembling, loading, delivery and office processing of orders. They are based on total amount of bareroot confirmed for the original first or largest delivery. Any substituting or pro-rating we might do will not lower the percentage of discount. Any cancellations made by the customer will affect the discount, if the value is dropped into a lower bracket. After original delivery, additional orders are invoiced using the same discount percentage earned on the original order. You are encouraged to build the best quantity volume possible for your original delivery.

Discounts apply to all deciduous trees (Fruit, Flowering, Shade), Shrubs and Grapes. All Royalties and items on the Berry and Vegetable pages are NET.

THE DISCOUNT IS BASED ON THE ORIGINAL DELIVERY AT ONE LOCATION, NOT THE COMBINATION OF MULTIPLE DELIVERIES. LATER ADDITIONAL DELIVERIES WILL RECEIVE THE SAME ORIGINAL DISCOUNT.

All invoices will list the catalog price with the discount itemized separately. For those with approved credit, the discount is deducted at the time of payment, if it is mailed by the due date, which is the 10th of the month following delivery. As a courtesy, an additional 30 days is available on bareroot trees, shrubs, and grapevines only. Discounts are valid only if all merchandise is paid when due and all other charges are current.

ALL SERVICES: Trucking, Cold Storage, Wilt-Prufing, etc. are NET, in 10 days. ALL SUPPLIES: Miracle Garden Tie, Sales Aids, etc. are NET the 10th of the following month. Ask your salesman for prices.

#### PREPAYMENT CREDITS (Nursery Accounts Only)

A 5% credit will be given for all advance payments received (Post Marked) by November 1st towards the purchase of bareroot, berries and vegetables. Reduced to 3% if Credit Card used.

A 2% credit will be given for all advance payments towards the purchase of bareroot, berries and vegetables if received after November 1st and prior to printing of invoice or assembling and placing your order into cold storage. Not applicable for Credit Card payments.

For those who qualify for a quantity discount and wish to pay before November 1st, you will receive your quantity discount in addition to your pre-payment credit. Prepayment credits will be applied to your account even for partial payments made in advance.

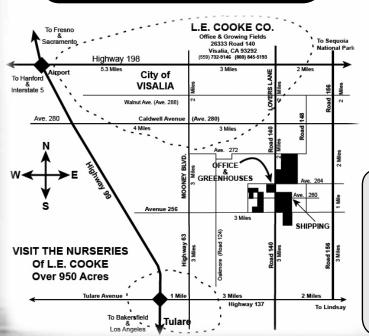
# IN BAREROOT

# FROM THE NURSERIES OF L. E. COOKE CO

26333 Road 140 Visalia, CA 93292-9452

> 800-845-5193 559-732-9146 Fax 559-732-3702

Email: sales@lecooke.com www.lecooke.com



FRUIT & NUT TREES	PAGE
Fruit Trees	
(EZ-Pick®, Standard & Semi Dwarf)	8 - 30
Combination Fruit Trees	31
"Patio" Fruit Trees (Natural Dwarf)	32 - 33
Nut Trees	34 - 35
SMALL FRUITS & VEGETABLES	
Grapevines	36 - 37
Packaged Grapevines	37
Berry Plants	38 - 40
Packaged Berries	40
Vegetable Plants & Packaged Vegetable Plants	41
5.5" x 5.5" Potted Edibles	42
FLOWERING FRUIT TREES	43 - 49
SHRUBS - Bush & Tree Forms	50 - 54
ORNAMENTAL & SHADE TREES	
Alphabetically Listed by Botanical Name with Common Name Cross Reference Included	55 - 72
CANNING & CARE	74
DELIVERY DATES	75
TERMS & CONDITIONS	76

#### WE INVITE YOU TO VISIT US

You are always welcome to come visit the nurseries of L.E. Cooke. We are proud to show our office, fields and greenhouses to our guests. During the summer months you have the added pleasure of tasting the fruits from our expansive research and scion wood orchards.

In addition, we highly recommend you visit the three spectacular National Parks located close by (Sequoia, Kings Canyon & Yosemite).

## 6 SALES AIDS - Tags & Labels

## The Cooke Book®- Recipes for Success

**RETAILERS\*** 

#### **Colorful Picture Tags (#4000)**

These tags are printed uniquely for your order with your nursery name on top. Tags are 5.25" x 2.625" with a full width photo, description and fruit rootstocks. Icons featuring the attributes print at the bottom except if you require UPC codes. 90% of our products have picture tags. Blue vinyl descriptive labels will be supplied if a picture tag is not yet available.

Optional for grapevines and berries. Not available for strawberries, vegetables or packaged products.



Supplied automatically free of charge for trees and shrubs. you do not want picture tags, order #4001 (Blue Label Only) or just tell us you don't want any labels or tags to receive nothing.

Blue vinyl descriptive labels are supplied standard free of charge to wholesalers who want labels. If you want Picture Tags, order #4000 and they will be printed for the whole order if available. \$0.16 each

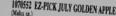
**WHOLESALERS\*** 

#### Picture Tags for Grapes (#4005)

Picture Tags for Cane Berries (#4006)

Grapevines and cane berries are provided with blue descriptive labels. You may buy picture tags for \$0.16 each. Shipped and invoiced with bareroot delivery.

\$0.16	\$0.16
\$0.16	\$0.16





#### **Blue Descriptive Variety Labels**

Our long time traditional, durable, blue vinyl, UPC bar coded labels with concise variety descriptions. Rootstocks are listed for fruits.

Blue labels for grapevines and cane berries are supplied as standard - picture tags can be ordered as noted above.

If you want only blue labels and Free to wholesalers who tell us not picture tags, order #4001. If you want **both** tags and labels order you want both labels and picture #4002. If you order #4002, there is a charge of \$0.16 for each picture tag printed.

they want labels with their order. If tags, order #4002. There is a charge of \$0.16 for each picture

#### **Omit Printing Grape Labels (#4007)**

#### **Omit Printing Berry Labels (#4008)**

5" x 3/4" Stick Labels for Strawberries (#4070)

5" x 3/4" Stick Labels for Vegetables (#4075)

tag printed. There are some who do not want the blue labels for grapes or cane

berries. So instead of dumping them in your landfill, we can tell the computer to not print them by entering these codes on the order.

> \$54.00/m \$7.00/c 1-99 \$0.09 each

\* A note about Retailers and Wholesalers: We are working on the general assumption that Retailers are selling immediately to the end user and want the most effective retail sales aids. On the other hand Wholesalers have a wide variety of business plans, many of whom have no interest in special tags or may put on their own tags at a later date. This allows the wholesale customers to order for their needs without providing expensive tags that might otherwise go to waste. There are no credits or discounts offered if you decide not to receive what is normally supplied at no charge.

#### 3 ft. x 6 ft. EZ-PICK® **Home Garden Fruit Tree** Banner (#4125)

Bold, delicious color draws customers right to your fruit trees. Price: \$32.00 In Stock for immediate delivery.



#### **COLD HARDINESS**

We use the USDA Cold Hardiness Zones. Cold hardiness is simply the temperature point at which the tree or plant will be killed or severely damaged by cold. Where other authorities may have published colder zones, we have noted them but not verified it with personal knowledge or anecdotal experience. Winter cold injury still can occur with plants or trees in their "safe" zone when early or late freezes happen on wood that has not hardened off properly for dormancy. Cold hardiness is also not directly related to chilling hours. Because a tree may not die in a zone, does not mean it will thrive and produce there. See our on-line Recommended Variety Lists for various Sunset climate zones in North America:

www.lecooke.com/recommended-variety-lists.html

## The Cooke Book®- Recipes for Success

### SALES AIDS & REFERENCES 7

#### **Edible Fruit Descriptive Guide (Updated December 2016)**

A complete Smart Phone sized booklet with over 380 descriptions of fruit trees, nut trees, grapevines, small fruits and vegetables. Includes sales tips and planting information. Keep it handy with you at all times on your Smart Phone or computer desktop. Download your free copy now from:

http://www.lecooke.com/lmages/Edible-Fruit-Guide.pdf

#### **Color Non-Laminated Point of Purchase Informational Pages (#4050)**

You can print your own for FREE from our web site or we can print them for you. 8½" x 11" color page with variety specific information for display and point of sale. See our web site or ask your sales representative for a list of available pages. Price: \$1.20 each (includes mailing costs).

#### **Color Laminated Point of Purchase Informational Pages (#4051)**

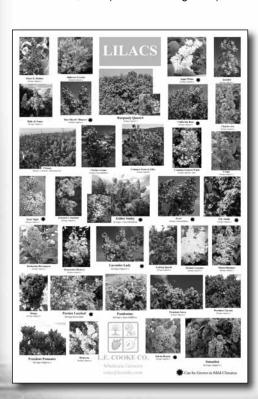
If you do not print and laminate your own, we can do it for you. 9" x 11½" laminated color page with variety specific information for display and point of sale. Price: \$2.75 each (includes mailing costs).

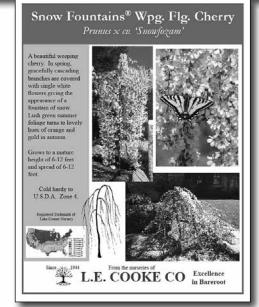
Pre-selling: Download and print information pages to create a book (your catalog) for your customers to order from.

#### Lilac Poster (#4055)

Increase your lilac sales! 2 ft. x 3 ft. Full Color, varnish finished poster displaying 34 lilacs.

Price: \$7.00. (includes mailing costs)







## Follow us on Facebook: www.facebook.com/LECookeCo An easy way to keep informed when we write articles that might be of interest to you.

**Care & Handling Pages** 

Download the various Care and Handling pages written in English and Spanish on our web site. Pages are available for typically difficult to handle items such as: Pomegranates, Almonds, Elms and Zelkova.



#### L.E. Cooke Web Site: www.lecooke.com

- Product Descriptions & Point of Sale (POS) Pages
- Availability Lists

DESCRIPTIVE GUIDE

- Recommended Variety Lists by Sunset Zones
- Articles on varieties
- Priced Catalog (for registered customers not public)
- Non-Priced Catalog for general public
- Care and Handling Pages
- "Ask the Grower" Questions & Answers
- Marketing Idea Blog
- Ron's Photo Blog
- Order forms
- Credit Application
- RSS & Twitter feeds for article and blog updates
- Delivery Schedules
- Answers to Frequently Asked Questions

## See us on



We are slowly building a library of informational videos about care, pruning, marketing, product information and more. Take a look:

http://www.youtube.com/user/lecookenursery

#### **Photo Requests**

We are pleased to provide photos of our products to our customers for your web site or print needs to help sell the products you purchase from us. Ron Ludekens is one of the LEC owners and the photographer for the majority of our photos. To reduce the demands upon his time to make selections and to allow you to select the photos that work best for your application, Ron has created a photo web site and is loading thousands of photos to it for your use. The web site is: <a href="www.CreatorsPalette.com">www.CreatorsPalette.com</a>. There is a very nominal cost per photo to support the many gigabytes used for the site.

**APPLE** 

(Malus sp.)

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

FOR JANUARY 2018 DELIVERY

Chill V Hours C Chill

Type

Caliper: 5/16 3/8

1/2

5/8

3/4

1"

11/4"

# 4-N-1 Combination Apples on Page 31 Fresh Eating Cooking - Baking Canning Drying Freezing Juice Jams - Jell Sauce Ice Cream Flowers Heirloom™

**LABEL ICONS** 

Anders™ (+60¢ royalty) Medium to large. Greenish-yellow base overlaid with red striping. Crisp, white flesh is sweet with some tang, flavorful. Extended ripening period from August to November. Cold hardy to USDA Zone 7	<500		STD SD, EZ	10505020							$\dashv$			✓	✓	<b>✓</b>	✓ .	/   •	
Anna Large. Light greenish-yellow skin with slight red blush. Sweet, slightly tart, crisp, creamy white flesh. Ripens: Late June. A remarkable low chilling selection specially suited for places like So. Calif. and low desert areas. Dorsett Golden is a good pollinizer. Cold hardy to USDA Zone 5.	2-300	✓ ✓	STD EZ SD	1050500 1070500 1150500	Limited Limited					_	Limited Limited			<b>✓</b>	✓	~	✓ .	/ <b>"</b>	100
Arkansas Black ♦ Medium. Dark red skin, almost black in color. Flesh firm, white, crisp. Flavor is balanced, pleasant and sweet. Excellent for juice. Hardy. Ripens: October to November. Pollinized by most other apples like Liberty, Gala, Yellow Delicious. Cold hardy to USDA Zone 4.	8-900		STD EZ, SD	10505010	Limited								<b>~</b>	~	<b>✓</b>	~	✓ .	/ \	
<b>Beverly Hills</b> Medium. Yellow with red stripes. Crisp and juicy. Bears well in mild climate areas. Ripens Late June in Southern California, Early July in Central California. Cold hardy to USDA Zone 8.	300	<b>√</b>	STD, EZ SD	1150509‡		Limited			Lir	nited				<b>✓</b>	✓	<b>✓</b>	✓ .	/ •	
Braeburn Medium to large, oval with definite crown. Skin is green overlaid with stripe of dark crimson. Flesh is firm, crisp and very juicy. Mildly sweet tart, excellent flavor. Heavy producer. Stores well. Ripens: Late October into Early November. Cold hardy to USDA Zone 6.	500	✓	STD, EZ SD	1150510‡		Limited			Lir	nited				✓	✓	<b>✓</b>	✓ .	/ <b> </b> •	
<b>Delicious, Golden</b> Large, golden skin, crisp and delicious. High quality apple for all purposes. One of the most widely planted in the world. Good pollinizer for most apples. Ripens: September to October. Cold hardy to USDA Zone 5.	6-700	✓ ✓	STD EZ SD	1050514 1150514‡	Limited								<b>✓</b>	✓	✓	<b>~</b>	✓ .	/ •	
<b>Delicious, Red (Dietrich)</b> Large. Red waxy skin, pure white flesh. Distinctive flavor, firm, crisp and juicy. Claimed to have the best taste of the Red Delicious strains. Bears more heavily when pollinized with Yellow Delicious. Ripens: Sept. to October. Cold hardy to USDA Zone 4.	900	✓ ✓	STD EZ SD	1050512° 1150512‡	Limited					nited			✓	<	✓	~	✓ .	/   •	
<b>Delicious, Yellow</b> Long time favorite for its sweetness and flavor. Large. Golden yellow. Crisp firm, and delicious. High quality apple for all purposes. Excellent pollinizer for most apples. Ripens: September into October. Cold hardy to USDA Zone 5.	6-700	√ √	STD EZ SD	1050516¢ 1150516‡	Limited								<b>~</b>	✓	<b>✓</b>	~	✓ .	/ •	
<b>Dorsett Golden</b> Medium to large. Yellow skin with orange-red blush. Firm, smooth, crisp flesh with sweet-tart flavor. Does well in very mild winter areas. Good pollinizer for Anna. Ripens: Mid-June to Early July. Cold hardy to USDA Zone 8.	250	✓ ✓ ✓	STD EZ SD	1050518 1070518 1150518	Limited	Limited			Lir	nited nited nited				<b>✓</b>	<b>✓</b>	<b>✓</b>	✓ .	/ •	
<b>Early Summer Red</b> Outstanding fruit in early summer. Medium. Red skin, crisp white flesh, sweet to tangy flavor. Blooms Mid-April. Ripens: Late June to Early July. Cold hardy to USDA Zone 6.	500	<b>√</b>	STD, EZ SD	1150528‡					Lir	nited				<b>✓</b>	✓	<b>✓</b>	✓ ·	/ <b>v</b>	
<b>Ein Shemer</b> Large. Golden delicious type, with crisp, tart, good quality flesh. A very low chilling selection from Israel. Bears young and very productive. Self-fertile. Ripens: Mid-June to Early July, after Anna. Cold hardy to USDA Zone 8.	350	<b>√</b>	STD, EZ SD	1150530‡		Limited			Lir	nited				<b>✓</b>	✓	<b>✓</b>	✓ .	/   •	
<b>Fuji</b> Has become a favorite eating apple in most areas of the country. Medium. Reddish-green color. Firm, crunchy, juicy, white flesh with excellent flavor. An apple with good keeping quality. Will take summer heat. Ripens: Early to Mid-September. Cold hardy to USDA Zone 5.	<400	✓ ✓	STD EZ SD	1050531 1070531 1150531	Limited	Limited	Limited				Limited Limited Limited			<b>~</b>	✓	~	✓ .	/ <b>v</b>	
♦= Needs pollinizer	= On E	ML	4-111 App	le Root	* ADD	60¢ p	er tree	for bun	dles of	5 in	sizes 1	1/2" or	sm	alle	er.				

				100	1					- 17	477	E TO	0 8	L	۱B	EL	IC	0	N:	3
Note: Prices are not publicly displayed in the interne	et - fo	or e	establish	ed nursery	y cust	tome	rs onl	y.					oom TM Fating	ing - Baking	ing	G	Juice	- Jellies		ream
APPLE (Cont.) FOR JANUARY 2018 DELIVERY (Malus sp.)	Chill Hours	V C	Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	#2	Heirloc	Sos	Cann	Dryin	Juice	Jams	Sauce	Ice Cream
<b>Fuji, Red (BC-2)</b> Medium. Yellowish-green base with red blush over entire surface. Firm, crunchy, juicy, white flesh with excellent flavor. Stores well. Will take summer heat. Ripens: Early to Mid-September with Fuji. Cold hardy to USDA Zone 5.	<500	<ul><li>✓</li><li>✓</li></ul>	STD EZ SD	1050538 1070538 1150538	Limited	Limited					Limited Limited		•	\ \		<	<b>✓</b>	~		
Gala (Kidd's D-8) Medium. Conic to round shape. Golden yellow skin with reddishorange blush. Flesh is firm, crisp, sweet and juicy with excellent flavor. Stores well. Will take summer heat. Ripens: Late August to Early September. Earlier in warmer climates. Cold hardy to USDA Zone 5.	500	<ul><li>✓</li><li>✓</li></ul>	STD EZ SD	1050533 1070533‡ 1150533‡	Limited	Limited				Limited			✓ <b>✓</b>	· •		<b>~</b>	<b>√</b>	~	<b>✓</b>	
Gordon™ Medium to large, round. Skin green overlaid with bright red. Firm, crisp, fine texture, juicy, sweet-tart, good flavored, white flesh. Good aroma. Excellent for fresh eating, cooking and baking. Very heavy production in mild winter areas.  Ripens: Mid-August to Mid-October. Cold hardy to USDA Zone 7.	3-500		STD, EZ SD	1150535‡	Limited								~	· •		<b>~</b>	<b>√</b>	~	✓	
<b>Granny Smith</b> Large. Skin bright green which is retained long after harvest. Flesh is firm, sweet/tart. Good for eating, cooking and sauce. Does well in hot climates and also in cold climates if adequate length of season. Ripens: September to October. Cold hardy to USDA Zone 6.	400	<ul><li>✓</li><li>✓</li></ul>	STD EZ SD	1050536 1070536 1150536	Limited	Limited				Limited			✓ <b>✓</b>	<b>/</b>		<b>~</b>	<b>√</b>	~	✓	
Gravenstein ♦ Large. Green with red striped skin. Crisp & juicy. A cooking and eating apple loved for its tangy flavor. Ideal for sauce and juice. Ships well. Ripens: July. Cold hardy to USDA Zone 5.	700		STD EZ SD	1050540 1150540‡	Limited					Limited			✓ <b>✓</b>	· •		<b>~</b>	~	~	<b>√</b>	
Gravenstein, Red ◆ Large. Mostly red over yellow-green skin, crisp & juicy. Known for its tangy flavor. Ideal for sauce and juice. Good for cooking, shipping and eating. Pollinized by any self-fertile variety such as Fuji, Gala, Red or Yellow Del. Ripens: July. Cold hardy to USDA Zone 5.	700	✓	STD SD	1050541¢	Limited					Limited			<b>/</b>	\ \   \		✓ <b> </b>	<b>✓</b>	<b>\</b>	<b>~</b>	
Honeycrisp (PAT.#7197) Medium to Large. Excellent round apple with scarlet red over yellow. Well-balanced sweet/tart flavor. Texture similar to a crisp watermelon or Asian pear. Said to be "explosively crisp, fun apple to eat" and very juicy. Excellent keeping quality. Consistent production. Planted widely in northern regions. Not good for hot areas. Ripens: Late Sept. just before Red Delicious. Cold hardy to USDA Zone 5.	800	✓ ✓	STD EZ SD	1050545 1150545‡	Limited						Limited			<b>/</b>		~	~	~	<b>~</b>	
Jonagold ♦ Extra large. Light scarlet red skin. Flesh is crisp with an outstanding flavor. Favorite at roadside fruit stands but often too large for commercial packaging for	7-800	<b>✓</b>	STD, EZ	1150547‡	Limited								•	· •		~	<b>√</b>	~	~	
Jonathan Medium to large, almost round. Brilliant red striped with carmine. Crisp, white, juicy flesh. Good juice apple. Ripens: August. Cold hardy to USDA Zone 5.	800	<b>√</b>	STD, EZ SD	1150548‡									✓ <b>∨</b>	<b>/</b>		<b>~</b>	~	<b>~</b>	<b>✓</b>	
<b>Liberty</b> Medium to large. Red, crisp and juicy with a sprightly flavor. Very productive. One of the most disease resistant apples developed to date. Disease resistant to mildew, cedar apple rust, fire blight and apple scab. Good keeper. Does better with pollinizer such as Red Delicious or McIntosh. Ripens early September. Cold hardy to USDA Zone 5.	800	<b>✓</b>	STD EZ, SD	1050555	Limited								V	· •		<b>~</b>	<b>~</b>	<b>~</b>	✓	
McIntosh (Double Red) Large, round-oblate. Thin, tender, smooth skin deeply blushed with bright red. White flesh, sometimes veined with pink, firm, fine, crisp, tender, juicy. Excellent for cooler areas and home use - especially applesauce. Very productive. Partly self-fertile. Pollinate with Gala, Red Delicious. Ripens: September. Cold hardy to USDA Zone 4.	900	✓ ✓	STD EZ SD	1050560 1150560‡							Limited		✓ <b>∨</b>	· •		<b>~</b>	~	~	✓	

<sup>♦=</sup> Needs pollinizer = Does better with pollinizer = On Common Apple Root ‡ = On EMLA-111 Apple Root

4-N-1 Combination Apples on Page 31

	Note: Prices are not publicly displayed in t	ne inte	rne	t - for es	tablished	nurse	ery cu	stom	ers o	nly.											
APPLE (Cont.)		Chill	Tv											Heirloom TM	Fresh Eating	king - Бакіng ning	Drying	S e	s - Jellies	Cream	/ers
(Malus sp.)	FOR JANUARY 2018 DELIVERY	Hour		Type	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11⁄4"	#2	Heir	Fres	S E	Dryi	Juice	Jams	Sauce	Flowers
yellow flesh with pleasant flavor. Gears at an early age. Stores well	Yellow skin with red blush. Firm, sweet, juicy, light Good aroma. Excellent quality. Red Delicious type.  Great for mild winter areas. Takes summer heat. Fuji, Granny Smith or Beverly Hills. Ripens: Late July.	400	<b>✓</b>	STD, EZ SD	1150562										<b>✓</b>	<	<b>~</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	
white, coarse, firm, crisp, juicy and well. Pollen sterile - needs polliniz	ery large. Round. Green skin with orange blush. Flesh i I slightly acidic. A consistent taste test winner. Stores er such as Fuji, Red Delicious, Gala or Granny Smith. den Delicious. Ripens: Late October. Cold hardy to	<500	·	STD, EZ SD		Limited	Limited				Limited				<b>✓</b>	✓	<b>✓</b>	<b>✓</b>	✓	✓ <b> </b>	
	I to slightly flat. Green to yellow skin. Flesh is cream r cooking or eating. Ripens: October. Cold hardy to	700	✓ ✓	STD EZ SD	1050564¢ 1150564‡	Limited	Limited				Limited			<b>✓</b>	<b>✓</b>	✓	<b>/</b>	~	<b>✓</b>	<b>✓</b>	
California also. Large greenish-ye but tender, crisp and juicy. Stores	est winter apple in the East. Does well in Northern ellow apple with red striping. Cream colored flesh is firr well. Good for fresh eating or pies. Developed in N.Y. ming. Ripens October to early November. Cold hardy	1000	·	STD EZ, SD	10505660						Limited			<b>✓</b>	✓ .	<b>/</b>	~	~	~	<b>~</b>	
sauce and pie apple. Does well in	red skin with yellow stripes. A good crisp, juicy, table, Southern California. Possibly the best red apple for loptember. Came from Seal Beach, CA. Cold hardy to	w 300	✓	STD, EZ	1150568‡		Limited				Limited				✓ .	~	~	✓	<b>✓</b>	✓	
Blushing pink skin over green. Sn	.30 Royalty) Hot climate apple from Western Australia. appy tartness balanced with a touch of crisp, sweet resists browning. Harvest late October in Central	4-500		STD EZ	1050569 1070569‡	Limited					Limited Limited				<b>✓</b>	✓	<b>/</b>	✓	<b>✓</b>	<b>✓</b>	
California, about 3 weeks after Fupollinizer. Cold hardy to USDA Zoi	<ul> <li>Self Fertile but often paired with Granny Smith as a ne 6.</li> </ul>		Г	SD	1150569‡		Limited				Limited										
pink in color. Tender, smooth, juic	. Pretty pink blush over yellow-green skin. Flesh is lig y, tart flesh. Makes an attractive, tasty, pink applesauc Granny Smith, Yellow Delicious or Honeycrisp. Ripens: A Zone 7 (probably 6).			STD, EZ SD	1150570‡	Limited	Limited				Limited			<b>✓</b>	✓ .	✓	~	~	<b>~</b>	✓	
Rome Beauty Medium-large,	round. Red skin. Greenish-white, fine grained, juicy ate blooms avoids many spring frosts. Ripens:	700	✓	STD EZ, SD	1050576						Limited			~	✓ .	✓	1	~	~	✓ <b> </b>	
, ,	yellow overlaid with red stripes. A little russeting on top yor. Stores very well. Ripens: Early October. Cold hard			STD EZ, SD	1050578\$	Limited					Limited			<b>~</b>	✓ .	✓	<b>✓</b>	~	~	<b>✓</b>	
tart, rich, wine-like flavor. Soft red	um-large apple that is a popular winter keeper with a bloom over greenish base. Excellent cooking apple wi coastal climates. Requires pollinizer like Fuji, Gala, ReOct. Cold hardy to USDA Zone 6.	h d 8-900	) <u>~</u>	STD EZ, SD	1050594	Limited								✓	✓ .	✓	~	~	✓	<b>~</b>	
♦= Needs pollinizer	better with pollinizer	‡ = On E	ML	A-111 App	le Root	* ADD	60¢ p	er tree	e for bu	undles	of 5 in	sizes	1/2" c	or sn	nalle						

I = I																19807
FOR JANUARY 2018 DELIVERY	Chill V Hours C	Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	#2					
		STD	1051015፡		Limited				Limited			✓ <b>∨</b>		✓ <b>✓</b>	<b>/ /</b>	<b>/</b>
(Malus sp.)			Price	es: sa	me as	for A	ples	on Pa	ge 10							
low with red cheek. Heavy bearer. Long time favorite for jelly. A beautiful variety of Siberian Crabapple oms. Good pollinizer for other apples. Self-fertile. to USDA Zone 5.	3-400	STD	1052580:	Limited								< < <	<b>/</b>   <b>/</b>	V		<b>/</b>
nt to substitute 2 Tier trees or the same variety. This unicated no later than our	Di							_				Ĺ,	ABE	EL IC	ON	IS
	plays slight striping with shades of green. Flesh is firming and sauce. Does well in cold climates if adequate aber-October. Cold hardy to USDA Zone 6.  (Malus sp.)  (Malus sp.)  (Malus sp.)  (Mow with red cheek. Heavy bearer. Long time favorite for jelly. A beautiful variety of Siberian Crabapple oms. Good pollinizer for other apples. Self-fertile. to USDA Zone 5.  It to substitute 2 Tier trees or the same variety. This	plays slight striping with shades of green. Flesh is firm, and sauce. Does well in cold climates if adequate aber-October. Cold hardy to USDA Zone 6.  (Malus sp.)  (Malus sp.	plays slight striping with shades of green. Flesh is firm, and sauce. Does well in cold climates if adequate ber-October. Cold hardy to USDA Zone 6.  (Malus sp.)  (Malus sp.)	plays slight striping with shades of green. Flesh is firm, ag and sauce. Does well in cold climates if adequate aber-October. Cold hardy to USDA Zone 6.    Q	plays slight striping with shades of green. Flesh is firm, ag and sauce. Does well in cold climates if adequate aber-October. Cold hardy to USDA Zone 6.    Q	FOR JANUARY 2018 DELIVERY    Cotility   V	FOR JANUARY 2018 DELIVERY    Chill   V   Type   Caliper: 5/16   3/8   1/2     Plays slight striping with shades of green. Flesh is firm, and and sauce. Does well in cold climates if adequate liber-October. Cold hardy to USDA Zone 6.    G	FOR JANUARY 2018 DELIVERY    Chill Hours   V   Type   Caliper: 5/16   3/8   1/2   5/8     Plays slight striping with shades of green. Flesh is firm, and and sauce. Does well in cold climates if adequate liber-October. Cold hardy to USDA Zone 6.    G	FOR JANUARY 2018 DELIVERY    Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4     Plays slight striping with shades of green. Flesh is firm, ag and sauce. Does well in cold climates if adequate ober-October. Cold hardy to USDA Zone 6.    G   (Malus sp.)   STD   1051015	FOR JANUARY 2018 DELIVERY    Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"     Plays slight striping with shades of green. Flesh is firm, ag and sauce. Does well in cold climates if adequate ther-October. Cold hardy to USDA Zone 6.    G   (Malus sp.)   STD   1051015	FOR JANUARY 2018 DELIVERY    Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"     Plays slight striping with shades of green. Flesh is firm, ng and sauce. Does well in cold climates if adequate ther-October. Cold hardy to USDA Zone 6.    G   (Malus sp.)   STD   1051015	FOR JANUARY 2018 DELIVERY    Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2     Plays slight striping with shades of green. Flesh is firm, ng and sauce. Does well in cold climates if adequate ther-October. Cold hardy to USDA Zone 6.    G   (Malus sp.)   STD   10510150   Limited   L	Plays slight striping with shades of green. Flesh is firm, and gand sauce. Does well in cold climates if adequate aber-October. Cold hardy to USDA Zone 6.  Prices: same as for Apples on Page 10  With red cheek. Heavy bearer. Long time favorite for jelly. A beautiful variety of Siberian Crabapple arms. Good pollinizer for other apples. Self-fertile.  To USDA Zone 5.  To 10510150	FOR JANUARY 2018 DELIVERY    Chill   V   Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2	FOR JANUARY 2018 DELIVERY    Chill   V   Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2	FOR JANUARY 2018 DELIVERY  Chill V Hours C Type  Caliper: 5/16 3/8 1/2 5/8 3/4 1" 11/4" #2  Plays slight striping with shades of green. Flesh is firm, ng and sauce. Does well in cold climates if adequate ther-October. Cold hardy to USDA Zone 6.  Prices: same as for Apples on Page 10  Ow with red cheek. Heavy bearer. Long time favorite for jelly. A beautiful variety of Siberian Crabapple on Sood pollinizer for other apples. Self-fertile.  It to substitute 2 Tier trees or the same variety. This

December mailing of your confirmation after the fall counts are completed. Only minor adjustments may occur at dig out depending upon digging losses.

established nursery customers only.

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ESPALIER APPLE (Malus sp.)	FOR JANUARY 2018 DELIVERY	Chill Hours	1 1	Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	Heirloc	Cookir	Canning	Drying	Freezing Juice	Jams -	Sauce	Flower
Anna Large. Light greenish-ye	ellow skin with slight red blush. Sweet, slightly tart, Late June. A remarkable low chilling selection specially		~	3 Tier	1180500‡				Limited				Lim.								
suited for places like So. Calif. and Cold hardy to USDA Zone 5.	low desert areas. Dorsett Golden is a good pollinizer.	2-300	~	2 Tier	1190500‡				Limited	Limited	Limited	Limited	Lim.		<b>'</b>		✓	<b>✓</b>	<b>V</b>	<b>/</b>	
	e. Yellow skin with orange-red blush. Firm, smooth, oes well in very mild winter areas. Good pollinizer for	250		3 Tier	1180518‡	م ح	<b>NEW!</b> for 2017		Limited				Lim.				1	/			
Anna. Ripens: Mid-June to Early Ju	·	250		2 Tier	1190518‡				Limited	Limited	Limited	Limited	Lim.		ľ						
	ng apple in most areas of the country. Medium.  7, juicy, white flesh with excellent flavor. An apple with		~	3 Tier	1180531‡				Limited				Lim.			П					
	nmer heat. Ripens: Early to Mid-September. Cold	<400	<b>√</b>	2 Tier	1190531‡				Limited	Limited	Limited	Limited	Lim.		<b>✓</b>		<b>√</b>	<b>✓</b>		<b>/</b>	
	nic to round shape. Golden yellow skin with reddishweet and juicy with excellent flavor. Stores well. Will			3 Tier	1180533‡				Limited				Lim.								
	gust to Early September. Earlier in warmer climates.	500	<b>~</b>	2 Tier	1190533‡				Limited	Limited	Limited	Limited	Lim.				<b>✓</b>	<b>✓</b>			
	Int green which is retained long after harvest. Flesh is boking and sauce. Does well in hot climates and also in		$ \cdot $	3 Tier	1180534‡				Limited				Lim.								
	season. Ripens: September to October. Cold hardy to	400	~	2 Tier	1190534‡				Limited	Limited	Limited	Limited	Lim.				<b>✓</b>	<b>✓</b>		<b>/</b>	
Blushing pink skin over green. Sna	60 Royalty) Hot climate apple from Western Australia. ppy tartness balanced with a touch of crisp, sweet			3 Tier	1180569‡				Limited				Lim.	\ \	/ /		✓	✓	<b>/</b>	✓	
California, about 3 weeks after Fuji. pollinizer. Cold hardy to USDA Zon	Self Fertile but often paired with Granny Smith as a e 6.	4-500		2 Tier	1190569‡				Limited	Limited	Limited	Limited	Lim.								ì
A- Noodo pollinizor - Dooo b	action with pollinizon to On EMI A 111 Apple Doct																			- 67	

4-N-1 Combination Apples on Page 31

#### **How We Build The Espalier Apples**

Three year field. Two year top. First Tier starts at 24" from the ground. Second Tier starts 15" higher or 39" from the ground. Third Tier starts 15" higher or 54" from the ground. Central leader is removed above 54".

Side branches are to be minimum of 18" from the trunk on both sides for first Tier, 15" on the second Tier and 12" for third (top) Tier.

A 2 Tier tree has either the bottom two Tiers or the top two Tiers, but not the bottom and top but missing the middle.

Note: Prices are not publicly displayed in the interne	et - for	es	tablishe	d nursery	custoi	mers	only.						om <sup>TM</sup>	Eating	Cooking - Baking	Bu	, cui	D)	- Jellies	an mea	TS TS
APRICOT (Prunus armeniaca sp.)  FOR JANUARY 2018 DELIVERY	Chill Hours	V C	Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirloom™	Fresh	Cookii	Canni	Drying	Juice	Jams	Sauce Ice Cre	Flowers
<b>Autumn Royal</b> Medium to large, oval. Yellow skin with orange cheek. Pale orange, firm, juicy flesh. Quality similar to Royal/Blenheim. Valuable as fresh fruit, canning, or drying. Only late apricot known. Not recommended for climates with desert-like summer heat. Ripens: September. Cold hardy to USDA Zone 7.	500	✓ ✓	STD EZ SD	1051502* 1151602k	Limited Limited	Limited			Limited								<   <		<b>✓</b>	~	
<b>Blenheim</b> Extremely popular. Medium to large. Skin soft yellow with orange cheek. Flesh pale orange, juicy; flavor delicious. Equally valuable for canning and drying. Ripens: Late June to Early July. Cold hardy to USDA Zone 7.	4-500	<ul><li>✓</li></ul>	STD EZ SD	1051509: 1071509* 1151609k	Limited Limited		Limited			Limited	Limited		<b>✓</b>	<b>✓</b>	<b>✓</b>	✓ ,	< <	/	<b>√</b>	~	
Chinese (Mormon) Medium. Golden. Firm and flavorful flesh. Sweet, edible pit. Heavy bearer. Frost resistant. Very cold hardy. Ripens: Late June to Early July. Cold hardy to USDA Zone 5.	700	✓	STD EZ SD	1051516: 1071516:	Limited		Limited			Limited Limited				<b>✓</b>	✓	✓ ,	<b>~</b>		~	~	
Flavor Giant Heavy crops of extremely large, sweet-tart, flavorful fruit. Orange skin with red blush. Yellow flesh. Self-fertile. Early ripening, Late May to Early June in Central California. Cold hardy to USDA Zone 7.	500		STD EZ, SD	1051526*	Limited					Limited				<b>~</b>	✓	<b>✓</b> ,	✓		\ <u>\</u>	~	
Garden Annie Medium to large. Bright yellow skin, firm, juicy, distinct apricot flavored good quality flesh. Can fully tree ripen without becoming too soft. Self-fertile. Semi-freestone. Tree height 8-10 feet. Good spread with lush green foliage. Ripens: Early June Cold hardy to USDA Zone 7.	3 400		STD, EZ SD	1151530+						Limited				✓	✓	✓ ,	<b>√</b>		<b>√</b>	~	
Golden Amber Large. Light orange skin. Flesh firm, fine, melting. Excellent flavor. Has a prolonged progressive blooming period of almost thirty days and a similar ripening period. Pit burn resistant. Ripens: Mid-June to Mid-July. Cold hardy to USDA Zone 6.	600	✓ ✓ ✓	STD EZ SD	1051537* 1071537* 1151637ƙ	Limited		Limited		Limited	Limited				<b>✓</b>	<b>✓</b>	✓ ,	< <	/	<b>√</b>	~	
<b>Harcot</b> Large. Yellow-orange skin. Sweet, juicy, rich flavor. One of the best. A variety from Canada which has frost hardy late blooms. Resists brown rot and perennial canker. Ripens: Mid-June. Cold hardy to USDA Zone 6.	700	<b>√</b>	STD EZ SD	1051539: 1151639k	Limited				Limited					✓	✓	✓ ,	< <	/	~	~	,
<b>Helena</b> Big and juicy, with deeper orange skin than most apricots. The flesh is firm and sweet, not mealy. Ideal for eating fresh. Ripens in Early June before Patterson and after Katy. Freestone. Cold hardy to USDA Zone 7.	500		STD EZ, SD	1051535*										~	✓	✓ ,	< <		<b>~</b>	~	
<b>Katy</b> A great apricot for mild winter areas. Fruit is large and very flavorful. Good for fresh eating, drying, or canning. Freestone. Self-fertile. Ripens: June, 3-4 weeks before Royal. Cold hardy to USDA Zone 7.	350	✓ ✓ ✓	STD EZ SD	1051542* 1071542* 1151642k	Limited		Limited			Limited	Limited			✓	✓	✓ ,	✓ <b>✓</b>		<b>~</b>	~	,
Lorna Large, early ripening apricot with firm, fine textured flesh. Ripens in mid to late May, just after Castlebright (the first commercial apricot of the season), but Lorna is twice as big. Trees consistently produce generous harvests. Suitable for backyard gardens as well as commercial production. Cold hardy to USDA Zone 7.	4-450		STD EZ, SD	1051543*										<b>✓</b>	✓	✓ ,	<		<b>✓</b>	~	
<b>Montrose</b> Large. Yellow skin with red blush. Yellow flesh with sweet, juicy, excellent flavor. Very hardy. Frost resistant tree. From Montrose, Colorado. Vigorous and productive. Pit is sweet and edible. Ripens: Mid-July, about 2 weeks after Chinese. Cold hardy to USDA Zone 5.	800	<b>✓</b>	STD EZ, SD	1051541:										<b>✓</b>	✓	✓ ,	<b>/</b>		<b>✓</b>	<b>✓</b>	,
* = On Mariana 26-24 Plum Root := On Myrobalan Plum Root += On Nemaguar £ = Krymsk 1 Plum Root 0 = On Citation Plum Root -= On Lovell Pear			oot					*	ADD	60¢ pe	r tree t	for bur	ndle	s of	5 ir	ı siz	:es 1	/2" c	or sm	aller.	4

<sup>+ =</sup> On Nemaguard Peach Root - = On Lovell Peach Root

<sup>\*</sup> ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

LABEL ICONS

Besides fresh eating, apricots make excellent jams and preserves. Apricots also make nice ornamental trees.													om TM	Eating ng - Baking			DG .	- Jellies	eam
APRICOT (Cont.) (Prunus armeniaca sp.)  FOR JANUARY 2018 DELIVERY	Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	#2	Heirlo	Cookin	Canning	Drying	Freez	Jams	Sauce Ice Cream Flowers
<b>Moorpark</b> Large. Brownish-red skin. Firm, highly colored flesh; rich luscious flavor. Favorite for fresh eating, preserves and pies. Ripens: Late June to Early July. Cold hardy to USDA Zone 7.	6-700	√ √ √	STD EZ SD	1071544:	Limited Limited		Limited		Limited Limited	Limited			✓ .	/ /	<b>/</b>	<b>~</b>		~	<b>✓</b>
Puget Gold Large, elongated fruit. Orange skin, orange flesh with very good flavor. Developed at Washington State University. Sets and sizes fruit in cool, frosty, spring weather where other varieties fail. Ripens: August. Cold hardy to USDA Zone 6.	700	✓	STD EZ, SD	1051556*	Limited					Limited				/ /	~	<b>✓</b>		~	<b>✓</b>
<b>Royal</b> Extremely popular. Medium to large, oval. Yellow skin with orange cheeks. Flesh pale orange, juicy; sweet, delicious flavor. Valuable for fresh fruit, canning, and drying. Ripens: Late June to Early July. Cold hardy to USDA Zone 7.	4-500	√ √	STD EZ SD	1071558*	Limited Limited		Limited			Limited	Limited		✓ .	/ /	~	✓ ,		~	<b>✓</b>
Shaa-Kar Pareh A medium to large sized apricot from Iran. Light yellow-white skin with red-pink blush. Light gold flesh. Juicy, very sweet taste with a texture more like a plum. Ripens: Late May to Mid-June. Cold hardy to USDA Zone 7.	350- 450		STD EZ, SD	1051566*			Limited				Limited			/ /	~	<b>✓</b>		~	<b>✓</b>
<b>Tilton</b> Very large, heart shape. Light orange skin. Firm, flavorful flesh. Bears heavy crop. A vigorous tree, resistant to late frosts. Excellent for freezing, canning and drying. Ripens: Late June to Early July. Ripens somewhat unevenly. Cold hardy to USDA Zone 7.	6-700	<ul><li>✓</li><li>✓</li></ul>	STD EZ SD	1051572: 1071572: 1151672k	Limited		Limited		Limited	Limited	Limited		✓ .	/ /	<b>~</b>	✓ ,		~	<b>✓</b>
Tropic Gold™ Medium to large, yellow with orange cheek. Firm, juicy, excellent tasting, orange flesh. Also good for canning and dehydrating. Self fertile. Appears to be a very good apricot for mild winter areas. Bears so heavy, it causes the tree to weep. Fruits every year in Camarillo, CA when Blenheim does not. Ripens: Late June to Early July.			STD EZ	1051567* 1071567*	Limited		Limited				Limited			/ /	~	✓ ,		~	~
Cold hardy to USDA Zone 7.  PEACHCOTS  Large, yellow skin & flesh, fairly firm. The tree has all the apricot characteristics. A Luther Burbank introduction. Ripens: Late June. Cold hardy to USDA Zone 7.	700		SD STD EZ		Limited Limited		Limited		Limited		NE <sup>1</sup> for 2	W! 2018	þ		<b>✓</b>	✓	<b>✓</b>		<b>✓</b> ✓
DI LIMCOTS Con Page 20	-							1					. 90	100	R-su	1000		530	S-

STD

STD

STD

STD

400

250

3-400

PLUMCOTS - See Page 29

#### **APRICOT (UME)** (FRUITING & FLOWERING)

(Prunus sp.) Cold hardy to USDA Zone 7.

Commercial plantings should include

10% of another variety for cross pollinization.

ı	Fruiting Japanese (Pink Double)	
ı	Small fruit 3/4" to 1" in diameter. Used primarily for pickling.	Pink, double flowers have a

spicy fragrance and bloom from late January to early February. Ripens: Mid May. Koume (Pink Semi-Double) Small fruit 3/4" to 1" in diameter. Used primarily for pickling. Semi-double pink flowers have a spicy fragrance and bloom from late January to early February. Fruit ripens in mid May.

Does well in mild winter areas. Height to 20' Shiro-Kaga (White Single) Fruit 3/4" to 1" in diameter. Used for pickling. Single white flowers with spicy fragrance and bloom from late January to early February. Does

well in mild winter areas. Fruit ripens in mid May. **Single Pink Ume** Ripe fruit has red blush over orange skin. 3/4" to 1" in diameter. Attractive, showy single pink blooms from late January to Early February. Both blooms and fruit are prolific. Earliest to bloom indicating low chill hours for mild winter areas. Fruit ripens mid May to early June. Height 15-20 ft.

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

1051825\* Limited 1051826\* Limited 1051827\* Limited 1051828\* Limited

<sup>\* =</sup> On Mariana 26-24 Plum Root

<sup>: =</sup> On Myrobalan Plum Root

<sup>+ =</sup> On Nemaguard Peach Root

k = Krymsk 1 Plum Root

O = On Citation Plum Root

<sup>- =</sup> On Lovell Peach Root

Not	te: Prices are not pu	blicly displayed in the int	ernet	- fc	or estab	lished nurs	sery o	custo	mers	only.					Heirloom™	=	ng - Baking		ing	- Jellies		eam	ırs
CHERRY (SWEET) (Prunus avium)	FOR JANUAR	Y 2018 DELIVERY	Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirlo	Fresh	Cooking	Drying	Freezing	Juice Jams -	Sauce	Ice Cream	Flowe
		urplish red flesh is firm and		<b>✓</b>	STD	1052008≈	Limited	Limited					Limited										
sweet. Resistant to cracking. Self-Best known as "Self-Fertile Bing". I	rertile. Good pollinizer to Ripens Late Season. 1-2	r otner sweet cnerries. weeks after Bing. Cold hardv	650	<b>√</b>	EZ	1072008≡			Limited				Limited			✓		<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>\</b>	<b> </b> ✓	
to USDA Zone 6.	•			<b>✓</b>	SD	1152008≡		Limited					Limited		Щ	_					$\perp$	Ш	
Bing ♦ #1 popular sweet cherr flesh. Excellent for eating, canning,		Rich, sweet, firm, purplish		<b>✓</b>	STD	1052010≈	Limited	Limited					Limited										
Tartarian, Van, Rainier or Stella. W			900		EZ	1072010≡			Limited							<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>✓</b>		<b>✓</b>	
Season. Cold hardy to USDA Zone				<b>√</b>	SD	1152010≡		Limited							Ш	4		1			$\bot$	Н	
Black Tartarian ♦ Large. Purp delicious flesh. Tree vigorous and e		dark red, juicy, very rich and		$ \cdot $	STD	1052020≈	Limited	Limited		ļ			Limited										
Ann or Stella. Good pollinizer. Slig	0 ,	<b>O</b> , 3	900	<b>✓</b>	EZ	1072020≡			Limited							<b>✓</b>		<b>~</b>	<b> </b>	<b>-</b>		<b> </b>	
Cold hardy to USDA Zone 6.				<b>✓</b>	SD	1152020≡		Limited							Ш						$\bot$	Ш	
Brooks ♦ In demand as an early firm red cherry. Brooks ripens about such as Early Burlat, Tulare or Rain	it 10-14 days ahead of Bi	ng. Requires a pollinizer	7-800		STD	1052018≈		Limited					Limited			✓			✓	<b>✓</b>	·   •	<b>/</b>	
Developed by the University of Cali					EZ, SD										Ш						$\perp$		
Compact Stella Large. Dark re good flavor and texture. Has all the growing tree. Mature height 10-12	outstanding characterist			<b>✓</b>	STD	1052022≈	Limited	Limited					Limited										
by many problems associated with Tree bears at young age. Self-fertil	rain near harvest time cor	mpared to other varieties.	5-600	<b>✓</b>	EZ	1072022≡			Limited				Limited			<b>✓</b>		<b>\</b>	<b>/</b>	<b>√</b>		<b> </b>	
Season, slightly later than Stella. C				<b>'</b>	SD	1152030≡		Limited					Limited		Ц						丄	Ш	
<b>Lapins</b> Large. Dark red skin. F as a "self-fertile Bing". Resistant to	Purplish red flesh is firm a				STD	1052062≈							Limited										
Developed in Canada. Ripens: Lat			650		EZ	1072062≡			Limited				Limited			<b>✓</b>		<b>~</b>	<b>/</b>	<b>\</b>		<b> </b>	
Zone 6.				<b>√</b>	SD	1152062≡							Limited		Н	4		-			+	$\vdash$	_
Mona ◆ Black Tartarian type bu to dark red, mild, sweet, superior fla Sweet. Ripens: Early Season. Col-	vored flesh. Needs pollir	sy red to dark red skin. Red nizer such as Stella or Kansas	600	<b>✓</b>	STD	1052068≈		Limited	Limited							✓		<b>~</b>		<b>/</b>	<b>/</b>	<b>/</b>	
Rainier ♦ Premium quality, yello value cherry produced in the Pacific	ow blushed with red, swe			<b>√</b>	STD	1052080≈	Limited	Limited					Limited										
firm, yellowish-white flesh. Has a d Resistant to cracking. Needs pollin	istinct flavor. Tree is hard izer such as Van or Black	ly. Bears early and heavy. Tartarian. Good pollinizer	900		EZ	1072080≡			Limited				Limited			<	-	\ \			<b>✓</b>	<b>/</b>	
for other sweet cherries. Ripens: M USDA Zone 5.	lid Season, three to six da	ays after Bing. Cold hardy to		V	SD	1152080≡		Limited															
		eks. Cream flesh, sweet, tart.			STD																		
A favorite for eating, canning and pr Van but will not pollinate with Bing.			900	$ \cdot $	EZ	1072085≡			Limited				Limited		<b> </b>	✓	~	<b>\</b>			<b>✓</b>	<b>✓</b>	
Zone 6.	· ·	<u> </u>		<b>✓</b>	SD	1152085≡		Limited													丄		
♦= Needs pollinizer ≈ =	On Mazzard Root ≡	= On Mahaleb Root							* AD	D 60¢	per tr	ee for	bundle	es of 5	in s	zes	1/2"	or s	malle	r.			
		During certain times of the se				presentative	is avai	lable f	or bare	eroot												-4	

training of retail management and workers.

													om ™		g g		<u>B</u>	-   <u>-</u>	John	
CHERRY (SWEET) (Cont.) FOR JANUARY 2018 DELIVERY (Prunus avium)	Chill Hours		Type	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirlo	Cooki	Canni	Drying	Freezin Juice	Jams	Sauce	Flowe
Stella Large. Dark red, nearly black, skin. Firm, sweet, dark red flesh with good flavor		<b>✓</b>	STD	1052090≈	Limited								П	Т	П			П		П
and texture. Fruit very similar to Lambert. Resistant to cracking. Tree bears at young age. Self-fertile. Good pollinizer for all sweet cherries. Ripens: Mid-Season. Cold hardy	600	<b>✓</b>	EZ	1072090≡			Limited						,			<b>  √</b>   .	/		✓	
to USDA Zone 6.		<b>✓</b>	SD	1152090≡																
Tulare ♦ Medium-large, Bing-like red cherry. Prized for its early harvest, about 7-10 days before Bing. Very crack resistant. Ships well. Requires a pollinizer such as Early	7-800		STD	1052092≈		Limited					Limited					✓ .	✓		V V	
Burlat, Brooks or Rainier. Developed by the Bradford Genetics (Patent # 6407). Cold hardy to USDA Zone 7 (probably 6).			EZ, SD																	
<b>Utah Giant ♦</b> Larger and firmer than Bing or Lambert. Excellent flavor. Blooms with Bing. Continues firm, flavorful, and good color when processed. Western X Disease	1000	<b>✓</b>	STD	1052093≈		Limited					Limited		Ι,		П	✓ .	/		✓ <b>✓</b>	
resistant. Needs pollinizer. Ripens: Mid-Season. Cold hardy to USDA Zone 6.			EZ,SD																	
CHEDDY (SOLID DIE CHEDDIES)			'																	

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

#### CHERRY (SOUR - PIE CHERRIES)

(Prunus cerasus)

English Morello Medium. Red. Tart. Excellent for pies. Self-fertile. A good pollinizer.		<b>V</b>	STD	1052040≡	Limited		Limit	ed Li	mited						П
Performs well in areas of less chill such as Southern California. Ripens: Late Season.	400		EZ	1072040≡	Limited	Limited	Limit	ed Li	mited		-	<b> </b>	<b>✓</b>	<b>/</b>	
Cold hardy to USDA Zone 5.		<b>✓</b>	SD	1152040≡			Limit	ed Li	mited						
Kansas Sweet Large. Red skin. Red flesh, semi-sweet and juicy. Vigorous growth		<b>✓</b>	STD	1052055≡	Limited		Limit	ed							П
habit. Self-fertile. Will perform in milder climates such as Southern California.	5-600	<b>✓</b>	EZ	1072055≡	Limited	Limited	Limit	ed		✓ ·	✓   <b>∨</b>	<b> </b>	<b> </b> ✓	<b>√</b>	
Ripens: Late Season. Cold hardy to USDA Zone 6.		<b>√</b>	SD	1152055≡	Limited		Limit	ed							
Montmorency The most popular pie and dessert cherry in North America. Large.		<b>✓</b>	STD	1052070≡	Limited			Li	mited						
Bright red skin. Firm yellow flesh. Very cold hardy and disease resistant. Heavy producer. A sour cherry excellent for canning and pies. Self-fertile. Good pollinizer.	900	<b>✓</b>	EZ	1072070≡	Limited	Limited		Li	mited	<b>√</b>	•	<b> </b>	\	1	
Ripens: Late Season. Cold hardy to USDA Zone 5.		<b>✓</b>	SD	1152070≡				Li	mited						
North Star Medium. Bright red deepening to mahogany skin. Yellow, juicy, tender		<b>✓</b>	STD	1052075≡	Limited										П
flesh. A sour cherry. Attractive small tree, naturally growing to only 8-10 feet. Productive, resistant to leaf spot and brown rot. Very cold hardy. Self-fertile. Ripens: Late Season.	1000	<b>V</b>	EZ	1072075≡	Limited	Limited					~	<b>✓</b>	<b>✓</b>	1	
Cold hardy to USDA Zone 4.			SD												

<sup>♦=</sup> Needs pollinizer

#### Cherry Ripening Seasons

Ripening seasons for cherries depend greatly on regional climates. Cherry season in Visalia, California is from late April through early June, with Bing ripening mid season around the second to third week of May. Cherries suitable for milder winter areas may produce several weeks earlier. In contrast, ripening dates for areas like Michigan and Ontario, Canada shift into June and July.

4-N-1 Combination Sweet Cherries on Page 31

<sup>≈ =</sup> On Mazzard Root

<sup>≡ =</sup> On Mahaleb Root

<sup>\*</sup> ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

## FRUIT TREES

## The Cooke Book®- Recipes for Success

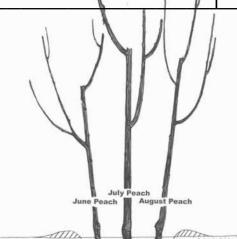
	The Cooke Book Receipes for Succe	
Drought Tolerant Wilt-Pruf	Order in Multiples of 10* Multiples of 5 LABEL ICON	IS
FIG (Ficus carica) All age Not	t Prices are not publicly displayed in the t - for established nursery customers only.	Sauce Ice Cream Flowers
<b>Black Jack</b> Large, long, purplish fruit with strawberry red flesh. Sweet and juicy. Heavy producer. Tree is a natural semi-dwarf and can be kept under 6-8 ft. tall with pruning. Otherwise can reach 12-15 ft. Ripens: June to September. Cold hardy to USDA Zone 8.	6053005∞ Cirriled Ci	Sauce   Ce Cre
<b>Black Mission</b> The most popular fig. Medium to large, pear shaped. Purplish-black colored skin. Flesh strawberry color and good flavor. Good for fresh or dried fruit. Long lived, large tree. Ranges from coast to inland heat. Cold hardy to USDA Zone 9.	1053010∞ 6053010∞	~
Brown Turkey (California) Medium to large, bell shaped. Purplish-brown skin with light strawberry flesh. Sweet, best eaten fresh. Large tree. Ranges from coast to inland heat. Cold hardy to USDA Zone 7.	1053020∞ 6053020∞	<b>✓</b>
Celestial (Celeste) Small to medium. Violet to purplish-brown colored skin. Flesh white, shading to rose at center. Firm, juicy, sweetest of all. Excellent quality. Best to avoid extremes of heat or cold yet has proven to survive lows of 11° F. in Texas. Likes moderate coastal climates. A regional favorite in Mississippi and Louisiana. Cold hardy to USDA Zone 8.	1053025∞	<b>✓</b>
Conadria (White) Large. Light green skin. Flesh whitish-strawberry, flavor sweet and mild. Good for table use and drying. Resistant to spoilage. Good white fig for hot areas and will take desert winter chill. Vigorous long-lived tree. Cold hardy to USDA Zone 8.	1053030∞ 1053030∞ 1053030∞	~
Ghost Hill™ White Texas Everbearing Medium to large, bell shaped. Greenish-yellow skin. Amber flesh. Bears young. A sport of Texas Everbearing Fig found at the old Aldridge Nursery in Von Ormy, Texas, at a growing area they called "Ghost Hill". Cold hardy to USDA Zone 7.	1053035∞ Limited Limited Limited Limited Limited Limited V ✓ ✓ ✓ ✓ ✓ ✓	~
Hardy Chicago (aka Chicago Hardy) Small to medium fruit with light brown to violet skin and strawberry pink pulp. Small eye. Pear shaped with long slender neck. Excellent flavor. Resembles Brown Turkey. Cold hardy to USDA Zone 5. In cold areas it dies to the ground but will still fruit on new growth. Protect roots from freezing.	1053028∞ Limited Limi	✓
Italian Everbearing Large. Reddish-brown skin. Flesh pink, sweet. Very prolific bearer. Fruit similar to Brown Turkey. Will handle moderately cold winters if warm summers. Large bush form. Cold hardy to USDA Zone 7.	1053040∞ 6053040∞	<b>✓</b>
King (Desert King) Large. Green skin with strawberry flesh. Excellent quality. Does best in cooler climates such as Northern California coast and Oregon. Sets a large early crop between late June to August. Drops second crop in warm areas. Prune lightly so as not to remove the early spring crop. Ripens: Summer through Fall Cold hardy to USDA Zone 8.	1053043∞ 6053043∞	<b>✓</b>
<b>LSU Purple</b> Medium to dark purple skin with a strawberry colored flesh. Appealing, mild, sweet flavor. Closed eye which deters insect and fungal problems. Relatively cold hardy - widely used across Gulf Coast. Cold hardy to USDA Zone 7. Released in 1991 by LSU and quickly becoming a standard in many fig growers fields.	1053047∞ Limited Limit NEWI  for 2018	<b>~</b>
Osborne Prolific Large. Greenish-brown skin. White to amber flesh, sweet, wonderfully rich flavor. Bears well in Pacific Northwest, Coastal and Southern Calif. Heavy bearer. Fast grower. Avoid extremes of heat. Cold hardy to USDA Zone 9.	1053050∞ Limited ✓ ✓ ✓ ✓	✓
Panache ("Tiger") Aptly named, the "Tiger" Fig is instantly recognized by its delightful yellow stripes over green skin. Just as delightful is the wonderful sweet flavor of the strawberry colored pulp. Performs well at the coast as well as inland heat. Small to medium sized. Ripens late summer into fall. Cold hardy to USDA Zone 8.	1053053∞ 6053053∞	✓
Peter's Honey Light yellow-green fruit with outstanding sweet dark amber flesh. Brought from Sicily by Peter Dana of Portland, OR. 15 to 25 feet tall and wide. Cold hardy to USDA Zone 7.	1053055∞ 6053055∞	<b>✓</b>
<b>Texas (Everbearing)</b> Medium to large, bell shaped. Brownish-yellow skin. Amber flesh. Bears young and gives good crop in short season areas. Will tolerate colder areas. Large bush form. Hardy to USDA Zone 7.	1053060∞ 16053060∞ Limited V V V V	<b>✓</b>
<b>Texas Blue Giant</b> A huge fig with attractive purple skin and a delicious melting amber flesh. A winner in the south. It thrives in Texas and other hot areas. Cold hardy to USDA Zone 8.	1053063∞ Limited Limited	✓
White Genoa Large. Yellow-green thin skin. Yellow to light strawberry flesh, few seeds. Table use and drying. Good for coastal planting. Avoid hot summer climates. Cold hardy to USDA Zone 9 (probably 8).	1053070∞ 6053070∞	✓
White Kadota (Dottato Fig) Medium. Lemon yellow skin. Amber flesh with few seeds. Very sweet. Good fresh, canning or drying. Fruit needs hot weather to ripen. Cold hardy to USDA Zone 9.	1053080∞ 6053080∞	✓ <b></b>

		Chill V Hours C	The	Order i	n Multiple	s of 10*	ı	Multiples of 5	999	27	L	AE	3E	LIC	CO	NS	
JUJUBE (Chinese Date) (Ziziphus jujuba) Drought Tolerant	Jujube trees are shipped as "Whips Only". Branches are removed for safety reasons due to thorns. These fast growing trees will put on lovely branches the next season.	All 150 Hours Vot Applicable		ote: Prices the interne c		stablis	hed n	-		Heirloom™	Fresh Eating		Drying	Freezing Juice	Jams - Jellies	Sauce Ice Cream	Flowers
GA 866 An outstanding selection out of the noteworthy for its remarkably high sugar conte dates. Good in hot desert regions. Attractive shardy to USDA Zone 5.		ried, resen	nbles	1052175 <i>f</i>							<b>√</b> ✓		<b>✓</b>			<b>~</b>	,
Honey Jar Small to medium fruit which is rapple flavor. Attractive shiny leaves. Drought to Zone 5.	,		1	<b>1052140</b> f					NEW! for 201	7 /	< <	·   •	<b>/</b>			~	
Lang 1½ inches long, distinctly pear shape flavor. A more upright grower than Li. Ripens: USDA Zone 5.	ed. Better to fully ripen on tree to full mahoga Fall, early to mid-season, slightly earlier than	•	1	1052150 <i>f</i>					Limited	<b>~</b>	< <	· •	<b>✓</b>			~	
Li The number one seller. 1½ inches long, finish ripening off the tree to wrinkled, mahoga Fall, mid season, slightly later than Lang. Colo				1052170 <i>f</i>					Limited	<b>✓</b>	< <	·   •	<b>✓</b>			~	,
Shanxi Li Extremely large fruit with great flat like fruit. Sweet apple flavor. Resemble dates with shiny leaves. Ripens: Fall. Cold hardy to USD		lish-brown, areas. Attra	date- active	1052178 <i>f</i>					Limited		< <	·   •	<b>✓</b>			~	,
Sherwood F Excellent tasting, firm large so When candied and dried, resembles dates. Go grower with far fewer thorns than other selection market). Not recommended for areas where commended for areas w	ons. Ripens: Fall, late season. (Extends fres	es. Uprigh h fruit avai	nt lable for	1052180 <i>f</i>					Limited		✓ ✓		~			~	,
Sugar Cane Small to medium fruit which car plant. The fruit is worth the spines! Sweet appl desert regions. Ripens in the fall. Cold hardy	e flavor. Attractive shiny leaves. Drought tole			1052183 <i>f</i>		Ĩ.			Limited		< <	· •	<b>√</b>			~	
	f = On Jujube Seedling					V	* /	ADD 60¢ pe	r tree for bu	ndles	of 5	in siz	zes	1/2" o	r sma	ıller.	

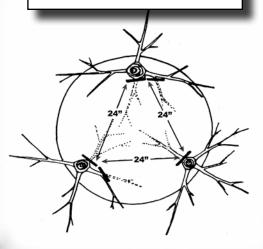
## PLANTING 3 OR 4 TREES IN THE SPACE OF ONE

Through various trials and field experience, we have concluded that the desire to have a combination "cocktail" tree can better be filled by planting 3 or 4 fruit trees in the space of one. Many "cocktail" combinations have one or more unruly varieties which dominate the tree. This leads to ultimate customer dissatisfaction when the multiple varieties no longer exist.

See the Edible Fruit Guide or our web site at <a href="www.lecooke.com">www.lecooke.com</a> for winning combinations of fruit trees.



After planting, prune out branches growing towards the center or crossing with other branches.



## The Cooke Book®- Recipes for Success

Fruitin	g Mulberry (Morus) (Ornamentals on Pages 67)	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"					RIBU		3 - 10	CON	S	
	(Drought Tolerant) All require less than 200 hours chilling.	Approx. Ht:	4'	5'	6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.		世	Fresh Eating	gu						
	ANTI D. O.	10 RATE:				1	1	٠	٠				ed	era	0	aki		ies		1	<u>ق</u>	
	Morus alba (White Fruiting Mulberry) (Wilt-Pruf) Produces large white fruit with slight red blush. Very sweet. Growth habit	20 RATE:		Note:									Certified	뎯	atil	) - E	ס	Jellies	۱	0	N N	
1405898	similar to Cutleaf Mulberry. Mature height 30-35 ft., spread 35-40 ft. Cold	100 RATE:	- Int	ternet	- for (	estab	lisnec	nurs	ery cı	ustom	ers o	nıy.	ပို	F	일	řij.	ZI	S	Çie	ë	5	'n
	hardy to USDA Zone 6. (Tied in multiples of 5/10)			WH	WH&BR	BR	BR	BR					Virus	Jo l	Les	윉.		Jams .	Se (	Weeping	ası	3ira
	Manus alles (Occileda) Baldadan Farddan Malles and Toca Farm	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"		F	H	<del>-</del>	-	+-	H	4	7	Ξ
	Morus alba 'Cooke's' Pakistan Fruiting Mulberry- Tree Form (Cooke's Selection) (Wilt-Pruf)	Approx. Ht:		5'	6'	6-8	+			Spec.		+	.] '									
	"King" of the fruiting mulberries producing 3½" to 5" long, maroon to black	10 RATE:								<u> </u>	i i											
	berries. Very sweet and flavorful with a raspberry-like flavor. Multi-month long	20 RATE:											N/A	✓	<b>√</b>	✓ .	1	<b>✓</b>	1	•	/   ·	✓
	fruiting season starting heavy in early summer and continuing to mid summer. Cold hardy to USDA Zone 9, maybe as low as 7 when mature.	100 RATE:																				
	Frost sensitive when young. Height & width 30-45 ft. (Tied in multiples of 5/10)			WH	WH&BR	BR	BR	BR	BR	BR	BR											
	Morus alba 'Pakistan Alba" White Pakistan Fruiting Mulberry - Tree Form				WH&BR	BR	BR	BR	BR	BR	BR		A			+			H	+	+	_
#1405899	Similar to the Pakistan Mulberry above except white fruit. (Wilt-Pruf)				Limited	Limited							N/A	✓	<b>√</b>	✓ .	< <		<b> </b>		<b>/</b>   '	✓
	alba 'Pendula' ('Teas') (Teas Weeping Fruiting Mulberry) on 5-6' Std.	Caliper:	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	2½"	# 2	$\Box$			$\Box$					Т	
	Tree adds interest to any landscape. Ornamental tree with slender weeping	3 Rate:											'									
1405895	branches. Bears blackberry-like fruit in summer months. Birds highly	21 RATE:											N N	✓	·   •	✓ .	< <	′ 🗸	V	✓ ,	/	<b>~</b>
	attracted to fruit - so often planted to attract birds away from commercial crops. Height to 12 ft., spread to 16 ft. Very cold hardy to USDA Zone 3.	102 Rate:																				
	(Tied in multiples of 3, except #2 tied in 5)			BR Limited	BR	BR	BR	BR	BR Limited	BR Limited	BR Limited											
		Caliper:	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	21/2"	# 2	$\vdash$	┢	$\Box$	+		+	$\vdash$	+	+	-
	nigra sp. (Black Beauty Fruiting Mulberry -Tree Form)	3 Rate:				.,,							1 '									
1405885	The tasty, blackberry-like fruit is large, black and juicy. Very attractive to birds.	21 RATE:											N/A			_						✓
	Some drought tolerance when established. This Persian Mulberry is semi- dwarf to 15 ft. high. Budded at 48" for low branching. Cold hardy to USDA	102 Rate:											Ž	•		•		ľ		ľ		
	Zone 7 or 0° F. (Tied in multiples of 3, except #2 tied in 5)			BR	BR	BR	BR	BR					1									
		0-11	5/0	Limited	411	41/11	41/11	Limited	0"	01/"	01/11	# 0	–	$\vdash$	+	+	+	#	$\vdash$	+	+	
	nigra sp. (Persian Fruiting Mulberry - Tree Form)	Caliper: 3 Rate:	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	21/2"	# 2	-									
	Small spreading, long-lived tree. Bears large, black, tasty fruit similar to black-	21 RATE:											ا ر									
	berries. Height and spread to 20-30 ft. but can be pruned to a hedge. Birds	102 Rate:										-	-N N	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>/</b>   <b>/</b>	<b>✓</b>	<b> </b>	•	<b>/</b>  ·	✓
	are highly attracted to berries. Budded at 48" for low branching. Cold hardy USDA Zone 7 or 0° F. (Tied in multiples of 3, except #2 tied in 5)	102 Rate.		BR	BR	BR	BR	BR				-	-									
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Limited		DIX	DIX	Limited														
	pigra 'Alba', (Mhite Bergian Exuiting Mulherny, Tree Form)	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	'									
	nigra 'Alba' (White Persian Fruiting Mulberry - Tree Form) Small spreading, long-lived bush or tree. Bears large, sweet, tasty fruit similar	10 Rate:			ļ					<u> </u>			ן '									
1405902	to blackberries except white-pink. Height 20-25 feet but can be pruned to a	20 RATE:								ļ			N N	✓	✓	✓ .	< <	· 🗸	<b>✓</b>	•	/ .	✓
	hedge. Birds are highly attracted to berries. Cold hardy USDA Zone 6.	100 Rate:											]_									
	(Tied in multiples of 5/10)				WH&BR Limited		BR	BR	BR	BR Limited	BR Limited											
		Min. Height:	6"	9"	12"	18"	2'	3'	4'	5'	6'	8'	1		Did yo						,	
Rush Fo	orm Fruiting Mulberries	10 RATE:											1		ttract ruitin							
	escriptions as above except grown at the ground as a multi-branched bush.	20 RATE:											1		nted							
		100 RATE:													y fron							
#1405865	Morus alba 'Cooke's' Pakistan Fruiting Mulberry - Bush Form					Limited						Limited		<b>√</b>	V	<b>√</b>	<b>√</b>   <b>√</b>	1	<b>✓</b>	١,		/
1405886	nigra sp. (Black Beauty Fruiting Mulberry) - Bush Form			Limited					Limited				N/A	<b>✓</b>	<b>√</b>	✓ .	<b>√</b> ✓	/ /	1	,	<b>√</b> ,	<b>√</b>
	nigra sp. (Persian Fruiting Mulberry) - Bush Form			Limited					Limited				1	<b>✓</b>	<b>V</b>	✓ .	<b>√</b> ✓	1	1	١,	<b>√</b> ,	~
# Recomm	nend Sweating in Dry or Cold Climates (pg.59) Add \$.60 per tree for bundles of	5 in sizes 1/2"	or sm	aller or	corres	pondin	g heial	nt. 5/8	" & up	are in b	oundles	of 5.	No	10 C	rders	less	tha	n 5 (:	3) pe	er va	riet	V

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

													m I	<u>۲</u>   ⊑	ρ D	_ 8	2	- P	eam
NECTARINE (Prunus persica var nucipersica)  FOR JANUARY 2018 DELIVERY	Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirloom	Fresh Eati Cooking -	Canning	Drying	Juice	Jams -	Ice Cream
Arctic Fantasy® (White) Similar to everyone's favorite, Goldmine, except larger, tastier		✓	STD	1053503+							Limited								
and better color. White flesh is sweet but not all sugar. Has sub-acid taste like yellow fleshed varieties. Red over 70-80 percent - attractive. Freestone. Ripens: Early August.	400	1	EZ	1073503-			Limited				Limited		١ ,	/			✓	<b>✓</b>	V V
Cold hardy USDA Zone 7.			SD																
		✓	STD	1053509-+	Limited	Limited					Limited								
<b>Fantasia</b> Very large freestone. Bright red with bright yellow under-color. Flesh yellow firm, smooth textured, sweet, juicy and good quality. Bears well in warmer winter areas.	,    5-600	<b>✓</b>	EZ	1073509-			Limited										1		
Also frost tolerant. Ripens: Mid to Late July. Cold hardy USDA Zone 6.	3-000	L	SD	1153009ጋ	NE V	W!	Limited				Limited								
			SD	<b>1153109</b> ნ	for	2018	Limited	Limited	Limited					$\perp$	Ш				$\bot$
<b>Flavortop</b> Large, oval. Mostly red over yellow. Firm, smooth texture, excellent quality, flavorful flesh, freestone. Highly productive and vigorous. Good shipper. Large	6-700	<u> </u>	STD	1053511-		Limited								/ /		✓	✓	<b> </b> ✓	V V
showy blossoms. Ripens: Early to Mid-July. Cold hardy USDA Zone 6.			EZ, SD										Щ	4					$\bot$
Goldmine (White) Large. White skin with red blush. Juicy, sweet, white flesh,		<b>✓</b>	STD	1053514+															
excellent flavor. Freestone. Good for home use. Ripens: Early August. Cold hardy USDA	400	Ľ	EZ	1073514+	~ر.		Limited						,	/			<b>✓</b>	<b>✓</b>	V V
Zone 7.		⊩	SD	1153014ጋ <b>1153114</b> б	NE for 2	:W! 2018	Limited												
			SD STD	1153114 0	10.		Limited	Limited	Limited				$\vdash$	+	Н		+		++
Independence Large. Brilliant red skin. Golden-yellow, firm flesh, good flavor. Freestone. Trees produce very well. Winter and frost hardy. Ripens: Late June. Cold	900	/	EZ	1073520-			Limited							/ /			/	/	
hardy USDA Zone 5.	300	Ė	SD	1073320-			Liiiiiicd												
		<b>√</b>	STD	1053550+									+	+	Н				+
Panamint Medium. Rich red skin. Golden flesh. Freestone. Heavy bearer in mild	300	1	EZ	1073550+			Limited							/ /		<b>√</b>	1	<b>✓</b>	V V
winter areas. Ripens: Early to Mid-July. Cold hardy USDA Zone 8.		Г	SD	11530500			Limited												
Ruby Grand Large. Rich yellow skin with bright red blush. Flesh yellow, firm,	600	<b>✓</b>	STD	1053565-		Limited								/ /	П	<b>√</b>	1	1	\ \ \ \
melting. Exceptional quality. Freestone. Good for eating, canning, freezing and drying. Ripens: Late June to Early July. Cold hardy USDA Zone 7 (maybe 6).	600	П	EZ, SD										'			1		•	
Snow Queen (White) Sweet, juicy, early season white fleshed freestone. Long time		<b>√</b>	STD	1053573+															
favorite in Southern California. Self fertile. Ripens: Late June, 2-3 weeks ahead of	<300	<b>✓</b>	EZ	1073573+			Limited						,	/			<b>✓</b>	<b>✓</b>	V V
Babcock Peach. Cold hardy USDA Zone 7.			SD	1153073ጋ		Limited	Limited												
<b>Sunred</b> Medium. Bright red skin. Firm, yellow flesh, sweet, good flavor. Semi-freestone. Bears well in warm winter areas. Ripens: Mid-May to Early June. Cold hardy USDA Zone 8.	2-300	~	STD	1053585+		Limited					Limited		,	/ /		<b>✓</b>	<b>✓</b>	<b>✓</b>	V V

NEW! - Limited Trial Quantities

Controller 6 (HBOK27) Peach Rootstock from University of California is showing a 60-65% size compared to Nemaguard and Lovell. Yet still provides full sized fruit and resistance to Ring Knot Nematodes. +\$1.00 Royalty

- = On Lovell Peach Root

+ = On Nemaguard Peach Root



б = On Controller 6 Peach Root

O = On Citation Plum Root

Why not get the best of both worlds? Stunning spring blooms and delicious summer fruit. Look for the Flower Icon on Peaches and Nectarines.

\* ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.



	Note: Prices are not public internet - for established nut													Jm ™		ıg - Baking	б	į	Du	- Jellies	mee	S
PEACH (Prunus persica sp.)	FOR JANUARY 2018 DELIVERY	Chill Hours	V C	Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	#2	Heirloom™	Fresh	Cooking -	Cannir	Drying	Freezing	Jams -	Sauce Ice Cre	Flowers
			<b>✓</b>	STD	1054003+																	
	vn white peach. Medium. Red cheeked skin. Sweet, Low chilling. Ripens: Early July.	250	$ \cdot $	EZ	1074003+			Limited						_	✓				1		/	
Cold hardy USDA Zone 8.	gp,,		Ш	SD	1153503ጋ	NE'	W!	Limited				Limited										
				SD	<b>1153603</b> б	for 2	018		Limited	Limited				Н	_	$\dashv$	$\dashv$	+	4	+	+	4
, , ,	rge. Skin predominantly red. White flesh streaked	400	<b>✓</b>	STD	1054004+		Limited							4					/			
Babcock. Cold hardy USDA Zor	es of red. Sweet and juicy. Ripens: July, two weeks after ne 8.	400	Ý	EZ SD	1074004+			Limited						- 1	<b>/</b>					<b> </b>	<b>V</b>	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<b>√</b>	STD	1054005-		Limited							Н	$\dashv$	+	+	+	+	$\vdash$	+	+
Belle of Georgia (White)	arge. White flesh, delicious flavor. Heavy producer. Good	800	Ľ	EZ	1074005-		Liiiilled	Limited							/				/			
for cold areas. Ripens: August.	Cold hardy USDA Zone 6.			SD	1014000			Ziiiitod						i								
			<b>√</b>	STD	1054009+									Н	$\dashv$	T	+	+	+	$\vdash$	+	+
	ed blushed skin. Yellow flesh, fine flavor. Bears very well	<250	1	EZ	1074009+			Limited						1	✓	✓	✓ .	✓   <b>∨</b>	/ /	·   _ /	<b>✓</b>	
in milder and coastal climates. L	Low chilling. Ripens: Late July. Cold hardy USDA Zone 8.			SD										ii								
pubescence. Clear white flesh v sweet flavor, well balanced. Flav	m to large. Round fruit with a light reddish blush and light with attractive red at pit. Smooth, melting texture; fine vor quality is excellent when picked firm ripe and held at	650		STD EZ	1074006-			Limited							✓				✓		~	,
room temperature 3 to 4 days. USDA Zone 7.	Very productive tree. Ripens: Mid-August. Cold hardy			SD										H								
Desert Gold Medium, Yello	ow skin with red blush. Firm, good quality, yellow flesh.		✓	STD	1054011+	Limited	Limited										$\Box$			П		
Semi-freestone. Sets heavy. Ex	cellent for low desert areas. Ripens: Late April to Mid-	3-400	<b>√</b>	EZ	1074011+			Limited						]	✓	✓	<b>√</b>   .	✓   v	/   /	\ <u>\</u>	✓	
May. Cold hardy USDA Zone 8.				SD																		
Donut (Stark Saturn) (White)	(Also know as Saucer, Peento or Pen-Tao peach)		<b>✓</b>	STD	1054114-							Limited		Ш								
	ewhat flattened, peach. About 2½" in diameter.  Id, white flesh. The hardiness level is similar to Reliance	450	<b>✓</b>	EZ	1074114-			Limited							✓				✓	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	✓	<b>\</b>
	July with Redhaven. Cold hardy USDA Zone 6.			SD										Ш			$\perp$			Ш		
	e. Yellow skin with a red blush. Firm, excellent flavor,		$ \cdot $	STD	1054012+		Limited															
peach. Good for hot summer are	freestone. Heavy producer. Excellent early, mild winter eas as well. Ripens: Late April to Late May. Cold hardy	225	✓	EZ	1074012+			Limited						11	✓	✓	<b>√</b>  ,	< V	/   /	<b> </b>	✓	
USDA Zone 8.				SD													$\perp$					
<b>Early Amber</b> Medium. Skin Good flavor and shipping qualitie Ripens: Early to Mid-May. Cold	highly colored with dark red blush. Flesh yellow, firm. es. Good for mild winter climates and hot summer areas. hardy LISDA Zone 7	250	✓	STD EZ, SD	1054013+		Limited								✓	✓	✓ ,	✓ <b> </b> •	/ /	·   ~	<b>✓</b>	
			<b>√</b>	STD	1054015-		Limited								$\dashv$	+	+	+	+	+	+	H
Early Elberta (Kim) (July Elber Rich, sweet, vellow flesh, A goo	ta) Large, elongated. Skin golden yellow blushed red. d all-around peach. Ripens: Early July. Cold hardy USDA	750		EZ	1074015-			Limited							/	✓	√ .	✓ <b>/</b>	/ /		/	
Zone 7.	and the second control of the second control		Н	SD	11535150			Limited				Limited										
+ = On Nemaguard Peach Ro	ot -= On Lovell Peach Root	Root	ш б =		roller 6 Peac	h Roo	t		* A[	D 60¢	per tr	ee for	bundl	es o	f 5 ii	n si:	 zes	1/2"	or s	maller.		12
J																					_	

Peaches are delicious right off the tree. Also use for canning or baking pies and cobblers.

Note: Prices are not publi internet - for established nu													Heirloom™	Fresh Eating	Canning - Baning		ing	:	- Jellies	eam	ırs
PEACH (Continued) (Prunus persica sp.)  FOR JANUARY 2018 DELIVERY	Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirlo	Fresh	Cann	Drying	Freezing	Juice	Jams -	Ice Cr	Flowers
<b>Elberta</b> Large, usually elongated. Skin golden yellow, flushed with red where exposed to sun. Yellow flesh, very rich and sweet. California's leading peach for all purposes.	800	<	STD EZ	1054017-		Limited	Limited						_				<b>✓</b>	<b>√</b>	✓	✓	<b>✓</b>
Ripens: Late July to early August. Cold hardy USDA Zone 7.			SD SD	11535170 1153617 6	NEV for 2	018	Limited Limited	Limited	Limited		Limited		Ш								
Late Elberta (Fay) Large. Golden yellow skin, blushed with red. Yellow flesh. Ripens: Early August. Cold hardy USDA Zone 6.	850	<b>✓</b>	STD EZ	1054019-		Limited	Limited						   •	<	/ /	· V	<b>/</b>	<b>✓</b>	✓	✓	
Feicheng Tao (White) White fleshed peach similar to Babcock except stronger aroma and firmer flesh for better storage. Red cheeked skin. Sweet, juicy flesh. Heavy bearer.	450		SD	11535190		Limited	Limited				Limited		Н	<b>✓</b>				✓ ·	<b>✓</b>	<b>✓</b>	
From the Shantung Province of China. Ripens: Early July. Cold hardy USDA Zone 8.  Flordaprince Medium. Red blush covers 80% of the skin forming attractive, dark red stripes over yellow. Firm, yellow, flavorful flesh with a slightly coarse texture. Semi-freestone when fully ripe. Sets heavy. Excellent flavored peach for very mild winter and	150	✓ ✓	STD EZ	1054024+ 1074024+		Limited		Limited						✓ <b>✓</b>	/ /		✓	✓	<b>✓</b>	<b>√</b>	
desert areas. Developed in Florida. Ripens: Mid-May, Cold hardy USDA Zone 8.  Forty Niner Medium-large. Red blush over most of the yellow skin. Firm, excellent, sweet flavor, yellow flesh. Hale type peach. Ripens: Late July. Cold hardy USDA Zone 7 (maybe 6).	7-800	<b>✓</b>	SD STD EZ, SD	1054022-		Limited								✓ <b>✓</b>	· •	•	✓	✓	✓	<b>√</b>	
Frost® (+90¢ royalty) Medium to large. Red blush over yellow under-color. Yellow flesh. Excellent sweet flavor. Showy blossoms. Resistant to peach leaf curl. Ripens: July, two weeks after Red Haven. Cold hardy to U.S.D.A. Zone 5.	700	<b>✓</b>	STD EZ SD	1054026- 1074026- 11535210 <b>1153621</b> 6	NET for 2	Limited W!	Limited Limited		Limited		Limited			✓ <b>✓</b>	/ /		~	<b>√</b>	✓	~	
Galaxy (White) Nicknamed "Bagel Peach" for its shape and size. Sweet tasting, white fleshed peach with an amusing, flat shape - looking something like a bagel. Delightful, delicate aroma; light-cream skin accented with red blush. Similar to Donut / Saturn Peach except larger. Semi-cling. Ripens: Late June. Cold hardy USDA Zone 7.	450	✓	STD EZ SD	1054145+ 1074145+		Limited		Limited						<b>✓</b>				✓	<b>~</b>	~	
Gleason Elberta (Also called Improved Elberta and Lemon Elberta) Large. Yellow skin with red blush. Yellow flesh of excellent quality. Beautiful strain of Early Elberta. More frost tolerant than Early Elberta. Preferred in Utah-Colorado areas. Ripens: Early July. Cold hardy USDA Zone 6 (maybe 5).	800	<b>✓</b>	STD SD	1054023- 1153523O		Limited	Limited				Limited		<b>~</b>	✓ <b>✓</b>	/ /	· •	<b>✓</b>	✓	<b>~</b>	<b>√</b>	
Halehaven Large. Yellow skin with red blush. Fairly firm, yellow flesh. Excellent for eating fresh right off tree. Not recommended for shipping but great for homeowners. Red at pit. Winter and frost hardy. Sets heavier every other year. Ripens: Late June - Early July. Cold hardy USDA Zone 5.	<800	<b>✓</b>	STD EZ, SD	1054031-	Limited								<b>✓</b>	✓ <b>✓</b>	/ /		~	✓	<b>/</b>	<b>~</b>	
Harvester Medium to large. Bright red skin evenly blushed over yellow. Fine texture, acidic, good quality, yellow flesh. Resistant to bacterial leaf spot. Uniform ripening. Ripens: Late June. Cold hardy USDA Zone 7.	750	✓	STD EZ SD	1074034-			Limited							✓ <b>✓</b>	/ /	· •	~	~	<b>√</b>	<b>√</b>	

NEW! - Limited Trial Quantities **Controller 6** (HBOK27) Peach Rootstock from University of California is showing a 60-65% size compared to Nemaguard and Lovell. Yet still provides full sized fruit and resistance to Ring Knot Nematodes. **+\$1.00 Royalty** 

Note: Prices are internet - for estab	lished nurse	ery cu	usto											Heirloom™ Eroch Eoting	ri Eating kina - Bakina		б	zing	s - Jellies	90	Flowers
PEACH (Continued) (Prunus persica sp.)  FOR JANUARY 2018 DELIVE		Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirl		Canning	Dryir	Freezing	Jams	Sauce	Flowers
John Fanick™ (+\$.30 royalty) Large, freestone, yellow fleshed fruit. Excel 80% red blush over yellow skin. Heavy consistent producer. Attractive spring Ripens: Mid to Late July. Cold hardy USDA Zone 7.		475		STD EZ SD	1054130- 1074130-		Limited	Limited				Limited Limited		~	\ \   \		\ <u>\</u>	✓ <b> </b> ✓		•	
La Feliciana Medium to large, round. Dark red blush on skin. Firm, exce and sweet, tangy flavor. Yellow with red flecks in flesh. Very heavy producer. to bacteriosis and brown rot. Good for mild winter areas Ripens: Late June to Cold hardy USDA Zone 7.	Tolerant	400	✓ ✓	STD EZ SD	1054040- 1074040-		Limited	Limited						•	<b>/ /</b>	· 🗸	~	✓ <b>✓</b>	· •	v	
Lemon Elberta (Early Elberta) (Also called Improved Elberta and Gleas Large. Yellow skin with red blush. Yellow flesh of excellent quality. Beautiful searly Elberta. More frost tolerant than Early Elberta. Preferred in Utah-Colora Ripens: Early July. Cold hardy USDA Zone 6 (maybe 5).	strain of	800	✓	STD SD	1054041- 1153541O		Limited	Limited				Limited		< v	<b>/ /</b>		~	✓ <b>✓</b>	· •	v	
Long Beach ™ A new, excellent peach for low chill climates. Medium to large colorful red over yellow. Yellow flesh, red at pit. Firm, sweet and juicy. Semi-organization without need of a pollinizer. Ripens: Late May to early June. From seedling found in Long Beach, CA area. Cold hardy USDA Zone 7.	cling. Heavy	200	✓ ✓	STD EZ SD	1054042+ 1074042+		Limited	Limited				Limited Limited		٧	<b>/ /</b>		~	✓ <b>✓</b>	· •	v	
Loring Large. Yellow skin with red blush. Flesh yellow, firm, melting, med flavor quality extremely good. Great looking bloom - showy. Tolerant to adve weather and bacteriosis. Superior peach for Midwestern states and foothills. July. Cold hardy USDA Zone 5.	rse spring	800	✓ ✓	STD EZ SD	1054043- 1074043-		Limited	Limited						~	· •		~	✓ <b>✓</b>	· •	v	/ /
Nectar (White) Large. Red blushed skin. Firm, sweet, juicy, fine textured, Beautiful color and distinctive aroma. One of the best white peaches. Better f Babcock. Ripens: Early July. Cold hardy USDA Zone 7.	white flesh. flavor than	800	✓	STD EZ, SD	1054053-		Limited							✓ <b>∨</b>	<b>/</b>			~	· •	~	
O'Henry Medium. Bright red skin. Flesh is yellow, streaked with red. Very for shipping. Good quality. Productive. Pink flowers are large and showy. Ri August. Cold hardy USDA Zone 7.		7-800	<b>✓</b>	STD EZ, SD	1054054-		Limited	Limited					NEW!			· /	<b> </b>	<		•	
<b>Peachy Keen®</b> Heavy fruit set, even at early age. Medium to large (larger thinning). Great flavor, yellow flesh with red at pit. Colorful, 90% red over yel Very freestone. Showy, spring bloom. Ripens: Early July for up to 2-3 weeks. sits right next to the sand at Shell Beach, CA. Cold hardy USDA Zone 7. (+\$0.00 cm.)	low skin. Parent tree	150- 200		STD EZ SD	1054155+ 1074155+							f	NEW! for 2018	<	<i>'</i>		<b>√</b>	✓ <b>✓</b>	·   •	v	/ /
<b>Polly</b> (White) Medium-large. White skin with rich red blush. Flesh white, j matic. Exceptional quality. Very hardy, withstanding extreme cold. Best white cold climates down to -20° F. Developed in Iowa. Ripens: Late July. Hardy US	e peach for SDA Zone 5.	1100	✓ ✓	STD EZ SD	<b>1054055</b> - 1074055-		Limited	Limited				f	<b>NEW!</b> for 2017		,			~	· •	v	
Ranger Large. Bright, highly colored red skin. Sweet, yellow flesh. Late Good for cold climates. Heavy producer. Ripens: Early July, one week after F Cold hardy USDA Zone 5.		950		STD EZ, SD	1054057-		Limited							*	\\ \	· /	<b> </b>	<   <		•	
Redhaven Medium to large. Red blushed yellow skin. Firm, sweet, yellow Good for cold climates. Freestone when fully ripe. Hangs well on tree when reduced be been peveloped in Michigan in the 1950's. It became the #1 commercial peach became the first peach of the season used for canning. Ripens: Late June. Hardy to U	ipe. cause it was	900	✓ ✓	STD EZ SD	1054059- 1074059- 11535610		Limited	Limited Limited						✓ v	<b>/</b>	· /	<b>✓</b>	✓ <b>✓</b>	·   •	V	
+ = On Nemaguard Peach Root - = On Lovell Peach Root O = On Ci	tation Plum Ro	oot	б =	On Contr	oller 6 Peach	Root			* AE	D 60¢	per tr	ee for b	oundle	es of	in:	sizes	3 1/2	or s	malle	er.	And

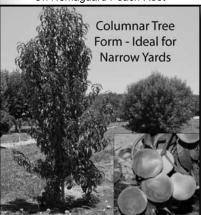
Note: Prices are not publicly displayed in the internet - for established nursery customers only.

**LABEL ICONS** 

PEACH (Continued) FOR JANUARY 2018 DELIVERY	Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	#2	Heirloom™	Fresh Eating Cooking - Baking	Canning	Drying	Freezing	Jams - Jellies	Sauce	Ice Cream Flowers
<b>Redskin</b> Large. Skin deep red over yellow. Flesh yellow, melting, non-browning, firm, fine flavor. Excellent qualities for eating, shipping, canning. Resistant to bacteriosis. Ripens: Early August. Cold hardy USDA Zone 7 (maybe 6).	750	✓	STD EZ, SD	1054061-		Limited							✓	<b>✓</b> ✓		✓	✓ <b>✓</b>			<b>/</b>
<b>Reliance</b> Known for its cold hardiness. Developed in New Hampshire, produces a heavy crop as far north as Canada. Medium to large size, red blush over golden yellow. Sweet, mild flavor. Beautiful pink flowers in spring. Ripens late June in Central Calif. but late July to Early August in the north. Cold hardy USDA Zone 5.	<800	<b>✓</b>	STD EZ, SD	1054064-	Limited						Limited			< <	~	<b>✓</b>		<b>/</b>		✓ <b>✓</b>
Rio Grande Medium to large. Skin yellow with red blush. Flesh yellow, firm, medium fine texture, juicy with a delicate medium acid flavor. Good shipping and holding qualities		<b>√</b>	STD	1054065+		Limited					Limited								$\prod$	
Freezes well. Excellent tasting, early season peach. Does well in hot desert areas.  Ripens: Early July in Visalia, Early June in hot areas with mild winters. Hardy USDA Zone 7.	425	ľ	EZ SD	1074065+			Limited				Limited			<b>✓</b> ✓	<b>✓</b>	<b>V</b>	✓ <b>✓</b>			
<b>Rio Oso Gem</b> Very large. Red blushed yellow skin. Firm, yellow flesh, red at pit. One of the best tasting August ripening peaches. Often used as a pollinizer for J.H. Hale.	900	<b>✓</b>	STD	1054067-		Limited							<b>✓</b>	✓	<b>✓</b>	✓	✓ <b>✓</b>	· •		✓ <b> </b>
Ripens: Mid-August. Cold hardy USDA Zone 6.			EZ, SD				Limited				Limited		Ш						++	
<b>Rubidoux</b> Large. Red blushed yellow skin. Yellow flesh, keeps well. Excellent flavor. A prolific bearer at a young age. Low chilling. Ripens: Late August. Hardy USDA Zone 8.	3-400		STD EZ, SD	1054075+		Limited								< <	<b>✓</b>	<b> </b>	< V	<b>/</b>		✓
Sam Houston Medium. Red skin, yellow flesh. Firm, fine texture, sweet, mild flavor.			STD	10-10-																
Freestone. A favorite in Texas and suitable for mild winter areas such as Texas Gulf. Ripens: Mid to Late June. Cold hardy USDA Zone 7 (maybe 6).	500		EZ SD	1074077-			Limited				Limited			<b>✓</b> ✓	<b>✓</b>	<b> </b>	<b>V</b>			<b>✓</b>
Santa Barbara Large. Yellow skin with red blush. Yellow fleshed freestone, red near		<b>√</b>	STD	1054080+		Limited							П							$\top$
pit. Flesh has fine, melting texture, delightfully sweet combined with excellent peach	000	1	EZ	1074080+			Limited						1							
flavor. Pointed in shape, similar to Elberta. Sport from Ventura. <b>Arguably the best tasting peach for most homeowners.</b> Ripens: Early to Mid-July. Cold hardy USDA	200	r	SD	11535800			Limited						i	<b>✓</b> ✓	<b>V</b>	$ \cdot $	<b>/</b>   <b>/</b>			<b>'</b>
Zone 8.		r	SD	1153680 б	NE for 2	W! 2018	Limited	Limited	Limited											
Strawberry Free (White) Medium. Light skin with a pink blush. White, firm, aromatic		✓	STD	1054085-		Limited														
sweet, juicy, excellent flavored flesh. An absolute favorite in home orchards. Ripens: Early July. Cold hardy USDA Zone 7.	4-500		EZ, SD														~			
<b>Tropi-Berta™</b> Very large. Skin blushed red. Flesh yellow, juicy, firm, excellent flavor. Excellent for inland coastal valleys. Possibly the best flavored August ripening peach.	600		STD	1054093-		Limited								✓	<b>✓</b>	<b>√</b>	✓ <b>✓</b>	/ /		✓
Ripens: Early to Mid-August. Cold hardy USDA Zone 7.			EZ, SD										Ш						$\perp \perp$	
Tropic Snow (White) Medium. Skin is white with red blush. White, sweet flesh.		<b>✓</b>	STD	1054094+																
Good flavor. Freestone. Ripens: Early May. Cold hardy USDA Zone 8.	200	<b>✓</b>	EZ SD	1074094+			Limited							<b>✓</b>			~			
Ventura Medium-large. Red blushed skin. Golden yellow flesh with sweet, mild flavor		<b>V</b>	STD	1054095+		Limited														+
Freestone. Bears very well in mild and coastal areas. Low chilling. Ripens: Early July. Cold hardy USDA Zone 8.	4-500		EZ, SD											<b>✓</b> ✓	<b>V</b>	<b> </b>	<b>V</b>			/
+ = On Nemaguard Peach Root -= On Lovell Peach Root 0 = On Citation Plum	Root	б=	On Conti	oller 6 Peacl	n Root			* AD	D 60¢	per tr	ree for	bundle	es o	f 5 in s	sizes	1/2	2" or s	smal	ller.	
													_							

NEW! - Limited Trial Quantities **Controller 6** (HBOK27) Peach Rootstock from University of California is showing a 60-65% size compared to Nemaguard and Lovell. Yet still provides full sized fruit and resistance to Ring Knot Nematodes. **+\$1.00 Royalty** 

													-					<u> </u>	•••	
Note: Prices are not public internet - for established nur		-											om™ - :-	Eating ng - Baking			Вu	. Jellies	med	3 2 2
PEACH (Cling) (Prunus persica sp.)  FOR JANUARY 2018 DELIVERY		Chill Hours		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirloom™	Fresh Ea	Canning	Drying	Freezing Juice	Jams -	Sauce Ice Cream	Flowers
<b>Flordaking</b> Sweet, quality flavor and large size for an early season peach. Florida bred specially for lower chill winters and resistant to Bacterial Leaf Spot. Melting flesl semi-freestone. 50% red over yellow skin, yellow flesh. Mid to late May ripening. Co hardy USDA Zone 8.	sh,	350	STD EZ SD	1074517-			Limited							✓ <b>/</b>	\ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	< <	<b>✓</b>	<b>✓</b>	
Indian Blood (White/Red) Large. Red skin. Good quality, white streaked with red flesh. Heavy producer. Holds well. Does better with pollinizer. Ripens: August to September. Cold hardy USDA Zone 7.	to	900	STD EZ, SD	1054540-		Limited							<b>*</b>	<b>/</b>			~	~	~	
<b>June Gold</b> Cling to semi-freestone. Large. Yellow flesh with melting texture. He producer of high quality early peaches. Ripens: Late May to Early June. Hardy Zone		450	STD EZ	1054545+ 1074545+		Limited	Limited				Limited			< <	<b>/</b>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	< <		<b>/</b>	-
PEACH (Fruiting & Flowering) (Prunus persica sp.)																				
Red Baron Large, round fruit up to 3" in diameter. Beautiful red blush over yellow skin. Yellow flesh, freestone, sweet, juicy flavor. Large, beautiful, double, red blossor cover tree for several weeks in early spring. Ripens: Extended period of time from Mi July to Mid-August. Cold hardy USDA Zone 7.	oms .	250	STD EZ SD SD	1055060+ 1075060+ 11545600 1154660 6	Limited	<b>W!</b> 2018	Limited Limited Limited	Limited	Limited		Limited			✓ <b>✓</b>	· •	✓ ,	<b>V</b>	✓	~	/  ,
Saturn Medium to large. Light red blush over golden yellow skin. Excellent eatin quality flesh. Freestone. Massive bloomer with large, double, pink blossoms with dar pink centers. Ripens: Mid-July. Cold hardy USDA Zone 8 (probably 7).		250	STD EZ SD	1055070+ 1075070+		Limited	Limited							✓ <b>✓</b>	<b>/</b>	< ·	<b>/ /</b>	~	<b>✓</b>	/ ,
PEACH (Columnar) (Prunus persica sp.)	A n	ew kir	nd of peach	n tree ideally	suite	d for s	malle	r yard:	s and	narro	w spac	ces.		ı						
<b>Crimson Rocket</b> (Pat. #15216) (+\$1.50 royalty) Unique narrow, columnar form methis peach tree ideal for smaller yards and narrow spaces. Fruit is dessert quality, yellow with melting flesh with about 80% red blush over yellow. Ripens: Early to Mid July. Chardy USDA Zone 7.	ellow	800	STD	1055130-		Limited					Limited			<   <		✓	~	<b>~</b>	<b>/</b>	
+ = On Nemaguard Peach Root - = On Lovell Peach Root O = On Citation Formulation Formulati	ımmer Fı		5 = On Con Berry Cris	troller 6 Peac	ch Roc	t		* AC	DD 60¢	per tr	P	bundl TOPP		5 in	sizes	1/2"	or sr	malle	er.	



Ingredients
2 cups sliced fresh peaches
1 cup fresh blueberries
1 cup fresh raspberries
1/2 cup sugar
2 tablespoons tapioca
1 teaspoon fresh lemon juice

1/2 teaspoon grated lemon peel

This summer fruit crisp adds patriotic red, white and blue to the 4th of July table. Serve it with whipped cream, if desired, and garnish with additional fresh raspberries and blueberries.

- 1. Heat oven to 400°F. In large bowl, stir together peaches, blueberries and raspberries. In small bowl, stir together 1/2 cup sugar, tapioca, lemon juice and lemon peel. Pour mixture over fruit; stir gently. Spoon into 2-quart casserole.
- 2. In medium bowl, stir together flour, 2/3 cup sugar, oats, 2 tablespoons of the almonds, cinnamon and salt. Stir in egg and milk just until blended. Crumble over fruit mixture; sprinkle with remaining 1 tablespoon almonds. Drizzle with butter. Bake 20 to 30 minutes or until golden brown; cool completely on wire rack. 4 to 6 servings

#### TOPPING

- 3/4 cup all-purpose flour
- 2/3 cup sugar
- 1/4 cup old-fashioned rolled oats
- 3 tablespoons chopped almonds, divided

LABEL ICONS

- 1/2 teaspoon ground cinnamon
- 1/2 teaspoon salt
- 1 egg
- 1 tablespoon milk
- 2 tablespoons butter, melted

Pear Rating for Fire Bliaht

LABEL ICONS

Resistance Note: Prices are not publicly displayed in the internet - for established nursery customers only. Fire Blight Rating Scale: Jellies Eating 9 most resistant to Heirloom™ Ice Cream 1 least resistant Freezing Canning Jams - , Drying Fresh **PEAR (Domestic)** Chill FOR JANUARY 2018 DELIVERY Caliper: 5/16 3/8 1/2 5/8 3/4 1" 11/4" Type Hours C (Pyrus communis) #1 pear in the world. Large. Smooth, waxy, yellow skin. White, sweet STD 1055505∑ Limited 800 flesh. A vigorous grower. Self-fertile in arid West but producing better when planted with SD 1155006± Limited Beurre d'Anjou, Bosc or Winter Nelis. Ripens: August. Cold hardy USDA Zone 5. Buttery texture does justice to its French name. Large. Short neck. STD 1055509∑ Green skin with yellow blush. White, fine flavored flesh. Good as fresh fruit. Pollinized by 700 Bartlett or other pears. Ripens: September. Cold hardy USDA Zone 5. SD 1155009± Limited Large, long necked, tapering fruit. Heavy russeting on green or yellow skin. 1055513Σ STD Limited White, juicy flesh with rich, slightly acid flavor. A favorite for eating and cooking. Pollinized SD by Bartlett or other pears. Ripens: September to October. Cold hardy USDA Zone 5. A favorite often seen in gift packs. Large, roundish. Green-yellow skin with 1055521Σ STD Limited 5-600 red blush. Rich, sweet, creamy flesh. Self-fertile in arid West but producing better when SD 1155021± Limited Limited planted with Bartlett or other pears. Ripens: August. Cold hardy USDA Zone 5. Fan-Cris™ (+60¢ royalty) Medium to large, bell shaped. Sweet creamy texture with a 1055528∑ nice crunch when you bite in to it. Excellent dessert pear. Good resistance to fireblight. 500 6 Very productive tree. Ripens: August into September. Hardy USDA Zone 6 (probably 5). SD Fan-Stil™ (+60¢ royalty) Medium, bell shaped. Creamy yellow skin with slight red 1055529Σ STD Limited blush. Crisp, juicy, white flesh. Vigorous, very upright growth. Bears consistently. Good 500 resistance to fireblight. Ripens: Late August into September. Cold hardy USDA Zone 6 SD (probably 5). Hood Large. Smooth, yellow-green skin. Buttery textured flesh containing a few STD 1055535∑ Limited small stone cells. Has a sweet, mild, pear flavor. Tree is upright and spreading. Highly <200 resistant to fire blight. Moderate resistance to leaf spot. Ripens: Mid to Late July. Cold SD hardy USDA Zone 8. Kieffer (Improved) Large. Greenish-yellow skin blushed red. Coarse, crisp, juicy, STD 1055537∑ Limited white flesh. "Improved" has smaller grit cells than original Kieffer. Stores well. Good 400 resistance to fireblight. Self-fertile. Ripens: October to November. Hardy USDA Zone 6. SD Max Red Bartlett @ Medium. Reddish-brown skin. Sweet, white flesh. Vigorous 1055549Σ STD Limited Limited growth. Self-fertile or pollinized by pears other than Bartlett. Ripens: August to 800 ✓ SD September. Cold hardy USDA Zone 5. Large, apple-shaped. Yellow-green skin. Smooth texture, crisp, and 1055554∑ ✓ ✓ ✓ **✓** good sweet flavored flesh. Vigorous upright tree from Monterrey, Mexico. Good for mild 300 1155054± Limited Limited winter areas. Ripens: August into September. Cold hardy USDA Zone 6. Moonglow @ Large. Brownish-green skin. Fruit resembles Bartlett in shape. Soft flesh, moderately juicy and nearly free of grit cells. Flavor mild, sub-acid and rated as STD 1055559∑ good. Very resistant to fireblight. Does better with pollinizer such as Bartlett. A good 500 ✓ ✓ ✓ pollinizer for other pears. Ripens: Early August, about two weeks before Bartlett. Cold SD hardy USDA Zone 5. Large, round. Yellow skin. Smooth textured, sweet, firm, juicy, white STD 1055563Σ flesh. Heavy producer. Resistant to blight. Good for mild winter areas. Does better with  $\langle \mathbf{v} \rangle$ ✓ **✓** ✓ ✓ 300 pollinizer such as Bartlett, Kieffer or Moonglow. Ripens: August. Cold hardy USDA Zone 6 (probably 5). = Does Better with Pollinizer  $\Sigma$  = On Domestic Pear Root

<sup>± =</sup> On Old Home x Farmingdale 333 Pear Root

Φ = On Winter Nelis Pear Root  $\Omega$  = On Calleryana Pear Root

<sup>\*</sup> ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

4-N-1 Combination Asian Pears on Page 31

Pear Rating for Fire Blight Resistance Scale:

**LABEL ICONS** 

			Asian P	ears	on F	Page	31	9	9 most			Π <sup>TM</sup>	ating	3			Jellies		im ht Rating
		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirloor	Fresh E	Canning	Drying	Freezing Juice	1 - 1	Sauce	Ice Cream Fire Blight F
200		STD SD	1055567∑		Limited	Limited	Limited	Limited					✓ <b>~</b>	<b>/</b>	✓ ·	/ /	~	~	8
300	<ul><li>✓</li></ul>	STD SD	1055571∑ 1155071±	Limited	Limited							<b>~</b>	✓ w	· •	✓ ,	V V	~	<b>√</b>	5
300	✓ ✓	STD SD	1055579∑ 1155079±	Limited	Limited							<b>~</b>	✓ v	· •	✓ ·	< <	~	<b>√</b>	5
	200 300	300	Hours C	$ \begin{array}{c cccc} Chill & V & Type & Caliper: \\ 200 & STD & 1055567\Sigma \\ \hline SD & SD & \\ 300 & \checkmark & STD & 1055571\Sigma \\ \hline \checkmark & SD & 1155071\pm \\ \hline 300 & \checkmark & STD & 1055579\Sigma \end{array} $	Chill Hours       V C       Type       Caliper:       5/16         200       STD       1055567∑         SD       SD         300       ✓ STD       1055571∑       Limited         ✓ SD       1155071±       STD       1055579∑       Limited	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Chill Hours         V C         Type         Caliper:         5/16         3/8         1/2           200         STD         1055567∑         Limited Limited Limited           300         SD         Limited           ✓ STD         1055571∑         Limited           ✓ SD         1155071±         Limited           ✓ STD         1055579∑         Limited	Hours C   Type   Caliper: 5/16   3/8   1/2   5/8	Chill Hours         V C         Type         Caliper:         5/16         3/8         1/2         5/8         3/4           200         STD         1055567∑         Limited Limited Limited Limited Limited         Limited         Limited         Limited         Limited         Limited         STD         1055571∑         Limited         Limited         Limited         STD         1055579∑         Limited         Limi	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2	Chill Hours   C   Type   Caliper:   5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2   1/2   1	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2   1/2	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2   E   E   E   E   E   E   E   E   E	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #3   11/4"   #4   11/4"   #	Chill Hours   C   Type   Caliper: 5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #3   11/4"   11/4"   #3   11/4"	Chill Hours   C   Type   Caliper:   5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #2   11/4"   #3   11/4"   #4   11/4"	Chill Hours   C   Type   Caliper:   5/16   3/8   1/2   5/8   3/4   1"   11/4"   #2     Hours   Diliper   Hours   STD   1055567∑   Limited   Li

#### PEAR (Asian) (Pyrus pyrifolia sp.)

Apple (Nijisseiki) Medium, round. Thin, yellow-green skin. Firm juicy, cream-white flesh, unusual flavor. A Japanese pear of distinction. Good for fresh eating and canning.	400	<b>-</b>	STD	1055501ß	Limited			Limited		_	✓	<b>√</b>	<b>√</b> ,	✓ V	/ /	/ /		2
Ripens: Late July through Mid-August. Stores through December. Hardy USDA Zone 5.		<b> </b>	SD	1155001±				Lir	nited									1-14
Chojuro Medium, round. Greenish-brown to russet brown skin. Flesh white, mildly sweet, very firm texture, crisp, some what coarse, good quality, good aroma. Very	500		STD								./	<b>√</b>	./	./ .		/ /	. 🗸	3
productive. Good fall color. Ripens: Early to Mid-August. Cold hardy USDA Zone 6.	300	✓	SD	1155017±				Lir	nited	Ľ	V	Ĺ			ľ	Ľ		
<b>Hosui</b> Consistent taste test winner! Medium to large. Golden russeted skin. Juicy, sweet, flavorful, fine textured flesh. Crisp and refreshing like an apple. Good keeper. One	450	<b>✓</b>	STD	1055536ß	Limited						\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1		✓				3
of Japan's leading sellers. Ripens: Early through Late August, Stores through November. Cold hardy USDA Zone 5.	400	<b> </b>	SD	1155036±		Limited		Lir	nited		·							
Late Korean (Okusankichi) Large, round. Green to tan russeted, thick, somewhat bitter skin. White, slightly tart, refreshing, firm, coarse, crisp and juicy flesh. Keeps well			STD	1055541ß		Limited		Lir	nited									
after picking. Flavor improves with storage. Ripens: Late August to early October. Cold hardy USDA Zone 5.	600		SD									<b> </b>	•	<b>√</b>   <b>√</b>				3
Shinko Medium to large. Brownish-green skin. Excellent, rich, sweet flavor. Fine texture. Russet type. Ripens: Mid-August through Mid-September, 30 day range. Stores	450	<b>~</b>	STD	1055574ß	Limited			Lir	nited		<b>✓</b>	<b>√</b>	<b>√</b> ,	✓ V	/ /	/ /		8
through January. Cold hardy USDA Zone 5.	100		SD															
Shinseiki (New Century) Medium, round. Yellow, thick, fairly smooth skin. White, sweet, mild, firm, slightly coarse, crisp, and juicy flesh. Good quality. Bears early in life.	<400	<b>✓</b>	STD	1055575ß	Limited			Lir	nited		<b>✓</b>	<b>√</b>	<b>√</b> ,	✓ V		/ /		3
Ripens: Late July through Mid-August. Stores extremely well, until March. Cold hardy USDA Zone 5.	100	<b>✓</b>	SD	1155075±		Limited		Lir	nited									
Twentieth Century (Nijisseiki) Medium, round. Thin, yellow-green skin. Firm, juicy, cream-white flesh, unusual but pleasing flavor. Good for fresh eating and canning.	400	$oxed{oldsymbol{\checkmark}}$	STD	1055587ß	Limited			Lir	nited			/	<b>√</b> ,	, .	/ /			2
Ripens: Late July through Mid-August. Stores through December. Hardy USDA Zone 5.	400	<b>√</b>	SD	1155087±				Lir	nited	ľ		v	, '		ľ	ľ		

<sup>=</sup> Does Better with Pollinizer

 $\Phi$  = On Winter Nelis Pear Root



Reminder: Store most domestic pears in a bag in refrigeration for a few weeks to complete ripening. In comparison, most Asian Pears can be eaten fresh off the tree. This is one of the reasons why Asian Pears have become so popular for backyard orchards.

 $\Omega$  = On Calleryana Pear Root

<sup>∑ =</sup> On Domestic Pear Root ß = On Betulifolia Pear Root

<sup>± =</sup> On Old Home x Farmingdale 333 Pear Root

<sup>\*</sup> ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

Chill V Hours C					lultiple of 10		Orde	' In Mu	Itiple	s of 5	3's	1	L	ΑE	3EI		C(	ON	S	
PERSIMMON  (Diospyros kaki) All cold hardy to USDA Zone 7 except Saijo and maybe Hana Fuyu to Zone 6.	ir		te: Prices a net - for es									Heirloom <sup>TM</sup>	-	Capping - Baning	Drying	Freezing	Juice	Jams - Jellies	Sauce Ice Cream	Flowers
<b>Chocolate (Tsuru-No-Ko)</b> Medium to small, elongated. Skin orange. Very tasty, sweet, brown flesh. Non-astringent when ripe. Ripens: Late October into Early November. Hardy USDA Zone 7.	PV	NA	1056020£								Limited		/ /							
Fuyu (A.K.A. Jiro) Most popular fresh eating Japanese persimmon. Large, round, flattened. Reddish-orange skin. Good eating when firm ripe. Non-astringent. Bears as a young tree and is a heavy producer. Does not have male flowers so it will not have seeds unless planted with other varieties. Ripens: November. Cold hardy USDA Zone 7.	PC	NA	1056030£								Limited	✓ v	<b>/</b>	/	<b>✓</b>				<b>✓</b>	
<b>Fuyu (Imoto)</b> Large, round, flattened. More "square" and flatter than Jiro. Reddish-brown skin. Smooth texture. Non-astringent. Good eating when firm ripe. Ripens: November. Hardy Zone 7.	РС	NA	1056060£								Limited	v	<b>/</b>		✓				~	
<b>Giant Fuyu (Gosho)</b> Very large. Round to semi-oblong, dark orange skin. Smooth texture. Non-astringent. Ripens: November. Cold hardy USDA Zone 7.	РС	NA	1056050£						Limited			✓ v	/ <b>v</b>		~				~	
<b>Hachiya</b> Very large, oblong with a rather short point. Skin bright orange-red covered with dark blotches. Largest and best cooking quality. Delicious when eaten "pudding soft". Tree vigorous, upright and shapely. Astringent. Ripens: November. Cold hardy USDA Zone 7.	PV	Α	1056070£								Limited	< v	<b>/ /</b>		~	~			<b>√</b>	
Hana Fuyu (Yotsudani) Large to very large fruit. Non-astringent, can be eaten fresh although flavor is greatly enhanced when stored in cold storage. Dark orange skin, orange flesh. Ripens late October to Early November. Reliable production. Moderate to slow growing tree. Resistant to frost. Cold hardy USDA Zone 7 (maybe 6).	РС	NA	1056110Ж	Limited						Limited		,	<b>/</b>			<b>✓</b>			✓	
Izu (+\$1.00 to list) Medium fruit. Excellent taste. Sets well on dwarf sized tree. Non-astringent. Ripens: Very early, in September or even Late August in some climates, three weeks before Fuyu. Cold hardy USDA Zone 7.	РС	NA	1056073Ж	Limited	Limited	Limited	Limited	Limited	Limited	Limited		,	<b>/</b>							
Maru ♦ Medium size, attractive brilliant orange-red skin, round fruit. Flesh is dark cinnamon color and seeded if cross pollinated. Juicy, sweet and excellent quality. Non-astringent if cross pollinated and seeded. Very decorative. Ripens: Late October into November. Hardy USDA Zone 7.	PV	NA	1056077£									,	<b>/</b>		~					
<b>Matsumoto Wase Fuyu</b> A bud sport of the popular Fuyu Persimmon which ripens about 2 weeks earlier. Tasty. Non-astringent. Can be eaten hard or soft. Heavy crops may need thinning. Zone 7.	РС	NA	1056082Ж	Limited	Limited	Limited	Limited	Limited	Limited	Limited		✓ v	/ /	/	~					
<b>Nishimura Wase ♦</b> Medium to large, nearly round with juicy, spicy-sweet chocolate colored flesh. Non-astringent when properly pollinated and seeds develop. Needs another persimmon to pollinate - preferably Chocolate. Ripens very early - in September, nearly a month before Fuyu.	PV	NA	1056084£									,	<b>/</b>							
Saijo (+\$1.00 to list) Medium, elongated, yellow-orange fruit. Gourmets claim it to be the sweetest and best tasting of the persimmons. Cold hardy to Zone 6. Astringent. Medium tree height. Ripens: November. Cold hardy USDA Zone 6.	РС	Α	1056079£									✓ <b>·</b>	<b>/</b>			<b>✓</b>			~	
TamopanExtra large. Round with acorn shaped cap. Golden-red skin. Tender, juicy, sweet.Astringent. Excellent for cooking. Ripens: November. Cold hardy USDA Zone 7.	РС	Α	1056090£									< V	<b>/</b>			<b>✓</b>			~	
<b>Tanenashi</b> Medium, cone shaped. Brilliant orange skin. Seedless. Astringent. Very productive. Bears at young age. Ripens: October. Cold hardy USDA Zone 7.	РС	Α	1056093£									✓ v	/ <b>v</b>						✓	Ĺ

♦ = Needs pollinizer £ = On Lotus Persimmon Root Ж = On Kaki Per. Root

\* ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

A = Astringent. Fruit can be eaten "Soft Ripe". Otherwise think "puckery"

NA = Non-Astringent. Fruit can be eaten "Firm Ripe" like an Apple which is sometimes why people call them "Apple Persimmons".

PC = Pollination Constant: No change in flesh color occurs after pollination.

PV = Pollination Variant: Flesh is light colored when seedless and turns dark reddish brown when seedled. When pollination is poor and few seeds are formed, dark areas develop around the seed but the remaining flesh is light colored.

PCNA can be eaten "Firm Ripe".

PCA and PVA should be eaten "Soft Ripe"

PVNA can be eaten "Firm Ripe" if fully pollinized without being astringent but, if not fully pollinized, should be eaten "Soft Ripe".

	Note: Prices are not public internet - for established nur	sery c	ust											Som TM	ing - Baking		0	gring	s - Jellies	ream	Flowers
PLUM (Prunus sp.)	FOR JANUARY 2018 DELIVERY	Chill Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	1¼"	#2	Heirlo	Cooking	Canning	Drying	Juice	Jams -	Sauce Ice Cre	Flow
is yellow with red streaks, s	to large, heart shaped. Purplish-red skin with amber cast. Flesh solid, excellent flavor. Heavy producer. Self-fertile. Fruit ripens ds well on the tree. Ripens: Early to Late September. Zone 5.		<b>√</b>	STD EZ, SD	1056503*		Limited				Limited			,	<b>/</b>		<b>✓</b>		<b>✓</b>	<b>✓</b>	
pollinizer. Strong, vigorous	red skin. Amber flesh tinged with red. Self-fertile. Good is tree. One of the better early varieties and more productive at ood shipper. Ripens: Early June. Cold hardy USDA Zone 6.	250	<ul><li>✓</li></ul>	STD EZ	1056505* 1076505*	Limited			Limited			Limited		,			<b>~</b>		~	~	
	Medium. Reddish-purple skin. Flesh deep red, mellow, sweet apanese plum. (Mariposa x El Dorado) Good for mild winter pens: Early July, but keeps well on tree until Mid-August. Cold	<350	✓ ✓	STD EZ SD	1056521:* 1076521* 1155621ƙ			Limited			Limited	Limited		,	/ /		<b>✓</b>		<b>√</b>	~	
Casselman Large, ova	al. Purplish-crimson skin. Deep amber flesh. Rich, pleasing, r. Self-fertile. Ripens: Early August. Cold hardy USDA Zone 5.	500	<b>√</b>	STD SD	1056525* 1155625k		Limited				Limited	Limited		,	/ /		<b>✓</b>		<b>✓</b>	<b>✓</b>	
	y large. Blood red skin. Red flesh, excellent flavor - one of the wing. Needs pollinizer: Beauty or Santa Rosa. Ripens: August y USDA Zone 5.	650	✓	STD EZ	1056529* 1076529:		Limited	Limited			Limited Limited			\			✓		<b>~</b>	<b>✓</b>	
golden amber and thin with flavor. Ripens evenly. Pit	unique and unforgettable eating delight. Extra large. Skin is a tender texture. Flesh is amber, firm, and has an excellent is small. Great eating quality both fresh and dried. Good in storage and at room temperature. Ripens: Late July. Cold be 6).	4-500	✓	STD EZ	1056535*									,	/ /		<b>~</b>		<b>√</b>	<b>√</b>	
	Medium, round. Greenish-yellow skin. Very sweet, juicy . Sets heavy, even in coastal Southern California and replaces in Denver. Self-fertile. Ripens: July. Cold hardy USDA Zone 5	3-400	✓ ✓ ✓	STD EZ SD	1056537* 1076537* 1155637k	Limited	Limited	Limited	Limited		Limited	Limited		✓ v			<b>✓</b>		<b>√</b>	~	
and, when ripe, it has brillia Its flesh is rich, dense and	aped tapering toward the tip. Skin is a beautiful golden color ant magenta specks and a magenta blush around the stem end. crisp. The Inca has a unique flavor with the perfect balance of uced by Luther Burbank in 1919. Ripens: Early to Mid August.	250- 300		STD EZ, SD	1056548*		Limited				Limited			✓ <b>,</b>			~		✓	<b>✓</b>	
	rge. Purplish skin. Flesh amber tinged with red. Delicious : Early June. Cold hardy USDA Zone 7.	250	<ul><li>✓</li><li>✓</li></ul>	STD EZ	1056561* 1076561*			Limited			Limited	Limited		v ,	/ /		✓		1	~	
	exicana) See Flowering Fruit Trees page 47		_												_	—	_				
	large. Skin bright red. Flesh yellow, firm, fine grained, juicy, ng. Cold hardy. Cross of Burbank and Methley. Ripens: Early .Zone 5.	800	<b>✓</b>	STD	1056573*	Limited					Limited			,	<b>/</b>		<b>✓</b>		<b>~</b>	<b>✓</b>	
green with dark yellow fles fruit can be left to ripen as hardy USDA Zone 6.	e Sabz) Small sour plum picked when the fruits are small and h. Eaten while sour and crunchy, often seasoned with salt. The tiny, soft, sweet, and juicy plums. Harvest late April - May. Colo	350- 450		STD		Limited				Limited	Limited			,		<b>✓</b>					
♦ = Needs pollinizer				Plum Ro		+ = N	emagı	ard Pe	each R		CO4										

<sup>=</sup> Needs pollinizer= Does Better with Pollinizer

<sup>-</sup> On Manana 20-24 Fluin Ru

<sup>: =</sup> On Myrobalan Plum Root

k = Krymsk 1 Plum Root O = On Citation Plum Root

			TANK.	10.00				W			447	200		L	ΑE	E	L IC	0;	NS	;
Note: Prices are not p internet - for established		ery	custom	ers only.			·				·		Heirloom™	Fresh Eating	Canning - Baning	/ing	Freezing	Jams - Jellies		Ice Cream Flowers
PLUM (Prunus sp.) (Continued) FOR JANUARY 2018 DELIVERY	Hours		Туре	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	#2	윈	<u> </u>	3   S	2	F =	, la	Sa	의 은
Santa Rosa Most important commercial and home variety. Large, oval. Purplish-red skin with blue bloom. Firm flesh, yellow to dark red near skin; rich, pleasing, tart flavor.	400	✓	STD EZ	1056577: 1076577:			Limited				Limited Limited		<b>/</b>			<b>✓</b>				✓
Self-fertile. Ripens: Mid-June. Cold hardy USDA Zone 5.			SD	1155677ƙ		Limited				Limited			Ш						Ш	
Santa Rosa, Late (Improved) Large. Purplish-crimson fruit with blue bloom. Firm		<b>✓</b>	STD	1056581*		Limited					Limited									
flesh, deep amber flesh; rich, pleasing, tart flavor. Self-fertile. Ripens: Early August. Cold hardy USDA Zone 5.	500	<b>✓</b>	EZ	11550016						Limited				<   <		<b>\</b>		<b>\</b>		<b>✓</b>
Santa Rosa, Weeping Large oval fruit. Purplish-red skin. Firm yellow flesh. Rich,		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SD	1155681ƙ						Limited			$\vdash$	+	+	$\vdash$	$\vdash$	+	$\vdash$	+
pleasing tart flavor. Self-fertile. Semi-dwarf tree to 8-10 ft. Branches form a graceful weeping shape. Can make nice espalier. Ripens: July, 2 weeks after Santa Rosa. Cold	400	<b>✓</b>	STD	1056680*			Limited				Limited					~				✓
hardy USDA Zone 5.		Ш	EZ, SD										Ш	$\perp$	4				Ш	
Satsuma ♦ Large, nearly round. Dark, solid red skin. Firm, rather juicy, dark red	000	V	STD	1056589*						Limited										
flesh to pit. Needs pollinizer: Santa Rosa, or Beauty. Ripens: Late July to Early August. Cold hardy USDA Zone 5.	300	<b>✓</b>	EZ SD	1076589: 1155689ƙ	Limited		Limited		Limited	Limited			🗸	<   <		<b>\</b>		1		
PLUMCOT (Prunus sp.) A cross between a plum and apricot. (+\$0.50	to prio	_	30	1155009K	Limited				Limited				_							
Dapple Dandy ◆ Uniquely colored fruit with pale green to yellow skin with distinctive red dots. Flavorful, creamy, pinkish-red flesh with plum-apricot flavor. Pollinizer required such as Flavor Queen, Flavor Supreme Plumcots, Santa Rosa or Burgundy plums. Cold hardy USDA Zone 7.			STD	1056830*		Limited								<b>√</b>	<b>~</b>	<b>✓</b>		<b>✓</b>		✓
Flavor Queen ♦ A plum/apricot hybrid favoring the plum with smooth skin and juicy		Н	STD	1056845*		Limited					Limited		$\Box$	+	+	$\vdash$		$\top$	П	
flesh. Yellow-green skin over amber flesh. Very sweet. Medium to large size. Long	5-600	П	EZ	1076845*			Limited							✓	<b>√</b>	\[ \square \]		1		<b>√</b>
harvest from mid-July through August. Pollinized by Burgundy Plum or other Plumcots (but not Flavor King). Cold hardy USDA Zone 7.			SD																	
Flavor Supreme ♦ Consistently ranked near the top in taste tests. A plum/apricot		П	STD	1056850*		Limited					Limited					$\vdash$			П	$\top$
hybrid favoring the plum with smooth skin and juicy flesh. Greenish-purple mottled skin over red flesh. Ripens in June about two weeks before Santa Rosa. Pollinized by Santa	5-600	П	EZ	1076850*			Limited							✓	<b>/</b>	✓		V		✓
Rosa, Late Santa Rosa or other plumcots. Cold hardy USDA Zone 7.			SD																	
Plumcot Large apricot size, round. Yellow, blushed melon red skin. Golden yellow,		<b>✓</b>	STD	1051588*	Limited						Limited		П			П			П	
juicy, plum-like flesh with aromatic touch of apricot flavor. A Luther Burbank introduction.  Tree form and fruit appearance favors plum parent. Ripens: Early June. Cold hardy USDA Zone 7.	300	<b>~</b>	EZ	1071588*			Limited						<b> </b>	< V	\ \ \	<b>√</b>		<b>\</b>		✓
Spring Satin The first Plumcot that is well adapted to the Southeast. Reddish-black		<b>✓</b>	STD	1056870*		Limited					Limited		$\dashv$			$\top$			$\sqcap$	
color. Large 2", high quality fruit. Yellowish-red flesh: Ripens: Late May. Cold hardy USDA Zone 6.	750		EZ, SD											✓	✓	<b>✓</b>		<b>~</b>		✓
PRUNE (Prunus sp.)																				
French (Improved) Large. Dark blue skin. Tender, fine textured, rich sweet flesh. California's leading prune. Self-fertile. Ripens: August. Cold hardy USDA Zone 7.	800	<b>✓</b>	STD	1056720:	Limited								<b>✓</b>		<b>√</b>	<b>✓</b>	<b>✓</b>	<b>/</b>	~	
Italian Large, oval. Dark purple skin. Excellent quality, greenish-yellow flesh. Popular Midwest variety. Vigorous. Self-fertile. Ripens: August into Sept. Cold hardy USDA Zone 5.	800	<b>✓</b>	STD	1056740:	Limited					Limited			<b>✓</b>		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>/</b>	~	
<b>Stanley</b> Large. Dark blue skin. Flesh greenish-yellow, juicy, fine grained, sweet. High quality. Very productive, reliable. Self-fertile. Ripens: August. Cold hardy USDA Zone 5.	700	<b>✓</b>	STD	1056760:	Limited								<b>✓</b>		<b>✓</b>	<b>√</b>	<b>✓</b>	<b>/</b>	<b>✓</b>	
♦ = Needs pollinizer * = On Mariana 26-24 Plum Root 6	= Kryms	sk 1	Plum Ro	ot	+ = N	emagu	ard Pe	each R	Root											

<sup>♦ =</sup> Needs pollinizer

<sup>\* =</sup> On Mariana 26-24 Plum Root

k = Krymsk 1 Plum Root

<sup>+ =</sup> Nemaguard Peach Roof

<sup>=</sup> Does Better with Pollinizer

### FRUIT TREES

## The Cooke Book®- Recipes for Success

POMEGRANATE (1 & 2 Year Plants) (Punica granatum)  All Bareroot Pomegranates are treated with Wilt-Pruf.  Drought Tolerant 4 C C C C C C C C C C C C C C C C C C	Note: Price nternet - for				y.	Heirloom™	Fresh Eating	Cooking - Bake	Drying	Freezing	Jams - Jellies	Sauce Ice Cream	Ice Oreani Flowers
<b>Ambrosia</b> Famous for its extra large fruit Pale pink skin. Dark pink arils offering a purple juice with sweet-tart flavor. Thrives in summer heat as well as coastal climates. Ripens: September into October. Cold hardy USDA Zone 9.(or 8b)	1 1115XI111100	Limited		Limited	Lim.		✓ <b>~</b>			•			<b>/</b>
Austin Large fruit - often 1 lb or better. Pink skin with a red blush. Red to dark red arils, contrasting the skin color. Sweet juice with a bare hint of tartness. High juice content, about 1.5 times as much as Wonderful. Early October. From Syria via immigrant living in Austin, Texas, Cold hardy to U.S.D.A. Zone 7b/8a.	า าบรถบบ/∞	Limited		Limited	Lim.		✓ <b>~</b>			•		<b>√</b> ✓	<b>/</b>
<b>Early Wonderful</b> Large, deep red, thin skinned, delicious fruit. Large, orange-red flowers which bloom late. Very productive. Self Fertile. Fruit ripens about two weeks before Wonderful. Cold hardy USDA Zone 9.	1058015∞	Limited		Limited			✓ <b>~</b>			•			/   •
<b>Eversweet</b> Very sweet, soft seeded fruit. Outer covering is reddish-pink. Juice is clear, non-staining and very sweet. Grows to 8-10 feet. Showy orange-red flowers and long blooming season for extended crop season. Ripens: September into October. Cold hardy USDA Zone 9.	1058020∞	Limited			Lim.		✓ <b>~</b>			•		<b>√</b> ✓	<b>/</b>
<b>Granada</b> Large. Bud mutation of Wonderful Pomegranate. Resembles Wonderful with deeper red blossoms, regular bearing fruit, but ripens one month earlier. Fruit is a darker color and less tart. Tree is identical to Wonderful. Recommended for coastal climates over Wonderful. Ripens: August. Cold hardy USDA Zone 9.	1058000∞ *6058000∞	Limited					✓ V	/				✓ ✓	\ \ \
<b>Texas Hardy</b> Large. Pink-orange skin with red blush. Large orange-red flowers which continue to bloom into harvest season. Ripens mid to late October. From an plant in north Texas which has survived over 25 years with temperatures reaching -18 degrees F. Cold hardy to USDA Zone 6 and maybe 5.	1058050∞	l	Limited Limited Quantities	NEW! for 2018			✓ <b>~</b>			-		<b>√</b> ✓	<b>/</b>
<b>Utah Sweet (Dixie)</b> Very sweet, good quality fruit. Pink skin and pulp. Seeds notably softer than those o Wonderful. Non-staining. Attractive pinkish-orange flowers. Cold hardy to U.S.D.A. Zone 8a (maybe 7b).	of 1058004∞ *6058004∞	Limited					✓ <b>~</b>				<b>✓</b>		′ 🗸
<b>White</b> Large. Orange-red flower, orange skin with some pink blush in the fall. Flesh color is transparent white. Fruit is very sweet and juicy when ripe. Grows to 12 ft. Ripens: Early September, before Wonderful. Cold hardy USDA Zone 9 (maybe 8b).		Limited Limited				***	<u>√</u> **Ple	ase	Note	e: NO	∕ √ Guar	√ √	v e
<b>Wonderful</b> Extra large. Blushed red skin. Flesh rich, red color, juicy, with sharp flavor. Most well known of the pomegranates. Shrub to 18 ft. Ripens: October. Cold hardy USDA Zone 9.	1058001∞ *6058001∞	Limited				0		•		nts or anate		eroot	

#### QUINCE

(Cydonia oblonga)

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

<b>Cooke's Jumbo</b> Extremely large, about twice the size of other varieties. Pear shaped. Yellowish-green skin. White flesh. Good for cooking, pie fillings, candies and jelly. Ripens: September to October. Cold hardy USDA Zone 5.	100	<b>✓</b>	STD	1057020ε						<b>✓</b>	✓		
Golden Smyrna Very large, up to twice the size of other varieties. Pear shaped. Yellowish-green skin. White flesh. Good for cooking, pie fillings, candies and jelly. Ripens: September to October. Cold hardy USDA Zone 5.	100	<b>✓</b>	STD	<b>1057030</b> ε	NEW! for 2018					~	✓	,	
Orange Medium, round. Skin golden. Flesh orange yellow, tender. Good for cooking and jelly. Ripens: September to October. Cold hardy USDA Zone 5.	100	<b>✓</b>	STD	1057040ε					<b>✓</b>	<b>✓</b>	<b>✓</b>	,	
<b>Pineapple</b> Large. Smooth, golden yellow skin. White flesh with a slight pineapple flavor. Good for eating and jellies. Ripens: September. Cold hardy USDA Zone 5.	100	<b>✓</b>	STD	1057060ε	Limi	ed				<b>✓</b>	✓	,	
Smyrna Large, elongated. Lemon yellow skin. Flesh tender, highly perfumed, with excellent flavor. Excellent for jellies and preserves. Ripens: September. Cold hardy USDA Zone 5 (maybe 4).	100	<b>✓</b>	STD	1057080ε	Limi	ed		Limited	✓ <b>·</b>	~	✓	,	

∞ = On Own Root

 $\varepsilon$  = On Provence Quince Root

\* ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.



## The Cooke Book®- Recipes for Success COMBINATION FRUIT TREES 31

Semi-dwarf Apples and Pears grow to 70-80% height of standard trees.		L.E. Cooke rese				Caliper:	SMALL 5/8	MEDIUM 3/4	LARGE	X-LARGE	X-LARGI
COMBINATION SEMI-DWARF APPLES	Virus Certified	combinations for 4 and size class. Sel climate's 3-N-1 con Ripening months ripening dates will sh	ection of the sp nbination is not are based upon	ecific three vari offered. observances in V ckwards by region	eties in a	Note: Prices internet - for e	s are not	publicly di	splayed	n the	1/2
	Ϋ́	Variety	Fruit Color	Chilling Hours	Month						
DESERT APPLE COMBINATION		Dorsett Golden	Yellow/Red	250 hours	July	1151330					Limited
Outstanding varieties for low chill and hot summer regions such as Phoenix. Under	1	Early Summer Red	Red	500 hours	July	4-N-1 Desert Apple					Lillited
500 hours chilling. Early summer ripening.	*	Ein Shemer	Yellow	350 hours	June	1151331	Limited				
Cold hardy USDA Zone 8.		Anna	Green	200 hours	L. June	3-N-1 Desert Apple	Limited				
MILD CLIMATE APPLE COMBINATION		Red Fuji	Green/Red	<400 hours	Sept.	1151340					
Selected for areas with a mild coastal	١,	Gordon™	Red	300 hours	AugSept.	4-N-1 Mild Climate Apple					
influence. Under 450 hours chilling. Late June through September ripening.	<b>✓</b>	Dorsett Golden	Yellow/Red	250 hours	July	1151341					
Cold hardy USDA Zone 8 (probably 7).		Anna	Green	200 hours	L. June	3-N-1 Mild Climate Apple	Limited				
MODERATE CLIMATE APPLE COMBO		Gala	Yellow/Red	500 hours	AugSept	1151360					
For areas with more winter chill and less		Early Summer Red	Red	500 hours	July	4-N-1 Moderate Climate Apple					
summer heat such as California's North Coast and Bay area foothills. Minimum	<b>✓</b>	Granny Smith	Green	400 hours	AugSept.	1151361					
500 hours chilling. Hardy USDA Zone 6.		Fuji	Green/Red	<400 hours	Sept.	3-N-1 Moderate Climate Apple	Limited				
COLD CLIMATE APPLE COMBINATION		Red Delicious	Red	900 hours	SeptOct.	1151380					10
Selected with mountains, foothills or other		Yellow Delicious	Yellow	700 hours	SeptOct.	4-N-1 Cold Climate Apple					
cold areas in mind. Minimum 900 hours chilling. July through September ripening.	✓	Granny Smith	Green	400 hours	AugSept.	1151381					
Cold hardy USDA Zone 6.		McIntosh	Red	900 hours	Sept.	3-N-1 Cold Climate Apple	Limited				Limited
COMBINATION SWEET											
STANDARD CHERRIES				On Mazzar	d Cherry Root						
CHERRY COMBINATION		Bing	Dark Red	900	Early-Mid	1079051					
4 (3) of the all time favorite sweet cherries		Black Tartarian	Purplish-Black	900	Early	4-N-1 Cherry Combination		Limited			
on one tree. For areas with at least 900 hours chilling in the winter months. Cold	<b>V</b>	Stella	Dark Red	600	Mid Season	1079052					
hardy USDA Zone 6.		Rainier	Yellow	900	Mid Season	3-N-1 Cherry Combination		Limited			
COMBINATION SEMI-DWARF PEARS		Ripening months ripening dates will sh	nift forward or bac		nal climates.						
ACIAN DEAD COMBINATION		Twentieth Century	Yellow-Green	400 hours	August	1155470					
ASIAN PEAR COMBINATION Less than 500 hours chilling required.		Shinko	Brown-Green	< 500 hours	E. Sept.	4-N-1 Asian Pear		Limited	Limited	Limited	Limited
July through September ripening. Cold		Shinseiki	Yellow	< 400 hours	L. July	1155471					
hardy USDA Zone 5.		Hosui	Golden Russet	450 hours	August	3-N-1 Asian Pear	Limited	Limited	Limited	Limited	Limited
			b of the tree will			All 4-N-1 and 3-N	1 combina	tions are sol	d in hundle	e of 5	



When holding bareroot trees, we recommend storing in coarse sand only. Use cement sand or coarser, not fine plaster sand. For best results, do not store in organic matter.

When canning, we recommend using by volume 1/3 coarse sand, 1/3 top soil, and 1/3 organic. The organic components should be pine or fir wood, or peat moss, or rice hulls. Do not use bark, Redwood or cedar wood, or manure. Avoid any organic that turns black.

## 32 PATIO FRUIT TREES (Natural Dwarf) The Cooke Book®- Recipes for Success

	FOR JANUARY 2018 DELIVERY	Chill Hours		/ultiple of 10*		Orde	er in M	ultiples	of 5	FIED	L	AB	EL	ICO	NS	A
		Caliper:	5/16	3/8	1/2	5/8	3/4	1" 1	11/4"	ERTIF		a)				
ALMO (Prunus du	ND lcis var. dulcis)									VIRUS C	=ating	g - Bak g	2	Sillal		s am
1100005+	GARDEN PRINCE  Medium size. Soft shell. Good quality. Very heavy production. Blooms mid-season. Very beautiful pale pink bloom. Self-fertile. Trees can be kept to 8 feet tall with pruning. Ripens: Late September to Early October. Cold hardy USDA Zone 8.	400	Limited	I				Limited Li	imited	✓   !	→ Fresh Eatin	Canning	Drying	Juice		<ul><li>✓ Ice Crea</li><li>✓ Flowers</li></ul>
APPLE (Malus sp.)																
1101010≎	GARDEN DELICIOUS  Small to medium. Greenish-yellow skin with attractive red color in cooler climates. Bears heavily and at a young age. Self fertile. Fruit keeps well. Ripens: Late September into October. Mature Height: 8-10'. Cold hardy USDA Zone 6.	600					Limited				<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>✓</b>	

Caliper measured on flat side of bud union for Ground and 2" above soil line for 18".

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

Patio Fruit Tree on 18" Standard. Easy picking height.

#### **NECTARINE**

(Prunus persica var nucipersica)	CHILL	VID	FORM	3/8"	1/2"	5/8"	3/4"	1"	11/4"	1½"	#2	4	_		4	1 × 1		3	. 40	<b>E</b>
GOLDEN PROLIFIC Medium to large, yellow fleshed freestone. Outstanding pink blossoms. Good taste. Ideal for cold areas. Ripens: Early to Mid August. Mature Height: 5'. Cold hardy USDA Zone 7 (probably 6).	900	1103520-	GROUND	Limited	Limited				Limited	Limited		<b>~</b>	~	<b>V</b>	1	V	,	<b>~</b>	<b>✓</b>	~
NECTARINA  Medium. Skin deep red and yellow. Yellow flesh, red at pit cavity. Freestone. Ripens: Late July. Mature Height: 5-6'. Cold hardy USDA Zone 7.	400	1103525-	GROUND	Limited				Limited				~	<b>√</b>	~		~		~	<b>✓</b>	<b>~</b>
RED SUNSET (PAT.#6982) Large. Skin highly colored red. Yellow flesh, juicy, firm texture. Freestone. Self-fertile, excellent producer. Prettiest flower of Nectarines. Ripens: Mid June. Mature Height: 5'. Cold hardy USDA Zone 7.	400	1103530-	GROUND	Limited					Limited	Limited		<b>✓</b>	~	<b>V</b>		~	,	✓	✓	~
SOUTHERN BELLE Very large, yellow fleshed freestone. Very productive. Blooms very early indicating low chilling requirement. Ripens: Late July to Early August. Mature Height: 5'. Cold hardy USDA Zone 7.	300	1103550- 1103650-	GROUND 18" STD	Limited		Limited			Limited	Limited		✓	<b>~</b>	<b>✓</b>		~		~	<b>✓</b>	<b>✓</b>



PATIO NECTARINE		JUNE			JULY			AUGUST	
APPROXIMATE RIPENING CHART	Е	М	L	Е	М	L	Е	М	L
Golden Prolific							<b>—</b>		
Nectarina									
Red Sunset		<b>—</b>	+						
Southern Belle									

## The Cooke Book®- Recipes for Success PATIO FRUIT TREES (Natural Dwarf) 33

LABEL ICONS Caliper measured on flat side of bud union for Ground Note: Prices are not publicly displayed in the and 2" above soil Jellies internet - for established nursery customers only. line for 18". Eating Cream Drying Freezing **PEACH** Jams -VIRUS (Prunus persica sp.) 1/2" 5/8" 11/4" 11/2" FOR JANUARY 2018 DELIVERY CHILL VID **FORM BONANZA** Medium to large. Skin yellow with red blush. Yellow fleshed freestone. 1105005-GROUND imited Profuse production. Ripens: Mid to Late June. Mature Height: 5-6'. Cold hardy USDA 450 ✓ 1105105-18" STD Limited Limited Zone 7. **BONFIRE** (PAT. #8509) An ornamental, natural dwarf, flowering peach which features 1105007-GROUND Limited long, showy, dark red leaves throughout the spring and summer. Spring is ushered in with N/A showy pink flowers adorning this diminutive tree. Used for ornamental, landscape purposes. 18" STD 1105107-Limited imited Fruit is small and poor eating quality. Mature Height: 4-6'. Cold hardy USDA Zone 7. **EMPRESS** Outstanding peach due to its delicious, juicy, sweet flavor. Large, highly 1105010- GROUND Limited Limited colored pink to red skin (almost glows). Prettiest fruit and bloom. Most cold hardy of 850 genetic dwarf peaches. Clingstone. Ripens: Late July to Early August. Mature Height: 18" STD 1105110-Limited Limited 4-5'. Cold hardy USDA Zone 5. FLORY Small to medium size fruit. White skin with slight red blush. Tender, sweet, white 1105020- GROUND ✓ flesh. Freestone. Exquisite, large, double, bright red blossoms. Ripens: Late July. 400 Limited Mature Height: 5'. Cold hardy USDA Zone 7. **GOLDEN GLORY** Very large yellow fleshed freestone. Good, juicy flavor. Gorgeous GROUND 1105030-Limited Limited blooms. Good for cold areas. Ripens: Mid to Late August. Mature Height: 5'. Cold hardy / 700 1105130-18" STD USDA Zone 6. Limited Limited Limited **SOUTHERN FLAME** Large, yellow skin overspread with red. Firm, crisp, melting, yellow **GROUND** 1105050-Limited Limited flesh. Good eating quality. Freestone. Good aroma. Ripens: Early to Mid July. Mature 18" STD 1105150-Limited Height: 5'. Cold hardy USDA Zone 7. Limited

1105070- GROUND

1105090- GROUND

18" STD

1105170-

250

500

**SOUTHERN ROSE** Large, yellow skin with red blush. Firm yellow flesh. Good eating quality. Freestone. Compares favorably with commercial peaches. Blooms early indicating it does not require much chilling. Ripens: Early to Mid August. Mature Height: 5'. Cold hardy USDA Zone 7.

**SOUTHERN SWEET** Medium, attractive yellow skin with red overlay. Yellow flesh, good flavor. Freestone. Very prolific bearer. Ripens: Early to Mid June. Mature Height: 5'. Cold hardy USDA Zone 7.

PATIO PEACH		JUNE				JULY			
APPROXIMATE RIPENING CHART	Е	М	L	E		М		L	
Bonanza			$oldsymbol{\top}$						
Empress							⊢		+-
Flory							$\vdash$		$\overline{+}$
Golden Glory									
Southern Flame				$\vdash$	$\dashv$		IJ		
Southern Rose									
Southern Sweet	-								
			_			_			

Limited

Limited

Limited

Limited

✓

✓

**AUGUST** 

Container gardening is all the rage these days. But even without containers, these patio trees (natural dwarfs) are perfectly sized for today's modern homes and smaller yards.

## The Cooke Book® - Recipes for Success

Multiples of 10\* Order in Multiples of 5

		F	Durs ZONE    Double			Caliper:	3/8	1/2	5/8	3/4	1"	11/4"									
	For best success for breaking dormancy prune heavily upon receipt.  MOND  Chill USDA Hours ZONE  Milt-Pruf is applied to all almond trees applied to all almond trees for both the prune heavily upon receipt.  Wilt-Pruf is applied to all almond trees applied to all almond trees for cold areas. Soft shell for cold areas - late bloomer showy pink bloom. Hard shell for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for cold areas - late bloomer showy pink bloom. Hard shell for the prune for cold areas - late bloomer shell for cold areas - late bloo				CV.	Approx. Height:	4'	4-5'	5-6'	6-8'	XLG	JUMBO			ing						
							•								ified	ַ מַ	Bak		lies		
AL MOI	ND			1											Certified	Heirloom TM Fresh Eating	Cooking - Baking	<u> </u>	Jams - Jellies	Cream	ည
ALMO	10			V)	Pruf is	applied to all almond trees	•		1				1	1	Virus	Heirloc Fresh	Cooking	Freezing	Jams -	S C	Flowers
(Prunus dul								(Best Pollinizers)							Ş	_		5 正	ج ا <u>ب</u>	lce   g	Ē
			+												<b>/</b>	✓	<b>V</b>	<b>✓</b>	_	<b>✓</b>	
#1100005+	Garden Prince	400	8			<u> </u>	Self-Fertile	See Page 32	for prices	s. "Patio <sup>-</sup>	Tree" - Na T	iturally sr	naller gro	wing tree	$\Box$	✓	<b>/</b>	<b>-</b>	_	✓	<b>✓</b>
#1201525-	Hall's Hardy *	800	6	1			Semi Self-fertile	(Texas Mission)	Limited							<b>√</b>	<b>/</b>	<b>✓</b>		✓	<b>✓</b>
#1201555+	Ne Plus ♦	250		Usually <sub>I</sub>	paired v	vith Non pareil. Soft shell	Needs pollinizer	(Non pareil)	Limited					Limited	<b>√</b>	<b>√</b>	1.	<b>✓</b>		✓	
#1201570+	Non pareil ♦	-	+	#1 cc	mmerci	al almond. Thin Shell	Needs pollinizer	(Ne Plus, Texas Mission)	Limited						<b>V</b>	<b>√</b>	<b>√</b>	<b>✓</b>		✓	
#1201585-	Texas (Mission)ℱ	500	7	Hard	shelled	. Showy white bloom	Semi Self-fertile	(Non pareil, Hall's Hardy)	+					Limited	<b>✓</b>	<b>√</b>   <b>√</b>	✓	✓		✓	✓
							ans ***	Caliper:		1/2	5/8	3/4	1"	11/4"			DIN		1		
	For best success for breaking dormancy, prune heavily upon receipt.  ND    Chill USDA   Wilt-Pruf is applied to all almond trees			Approx. Height:	3-4'	4-6'	6-7'	7-8'	8-10'	10-12		1									
PECAN	<b>I</b>	Wilt-Pr						N. ( D.									Will				
	# Sweating describ	ed on p	oa. 59	Pollen	USDA			Note: Prices ar		•	,					1		18			
(Carya illino	ū		.g. 00					internet - for esta	DIISHE	a nur	sery c	usion	ners	orily.			(A)				
#1205025т	Choctaw @			Late	7	, , ,	•								П	✓	<b> </b>	<b>✓</b>		1	
#1205032т	Desirable @			Early	7	and consistent bearer. Me	ed-Soft shell. Ripens	0 , , ,								<b>~</b>	~	<b>✓</b>		~	
#1205035т	Kanza ♦			Late	6	cold tolerance. Soft Shell regions and for its resista	I. Released for use i	n the northern pecan	Limited	Limited	Limited	Limited	Limited			<b>✓</b>	~	<b>✓</b>		~	
# <b>1205042</b> T	Lakota ♦			Late		scab resistance. Very pre - two weeks after Pawnee	cocious and product	ive. Very early harvest	Limited	Limited	Limited	Limited	Limite	NEW! for 2018		~	~	✓		<b>✓</b>	
#1205039т	Mahan ♦			Late	7	young age. Good shade t	ree. Ripens: Noveml	ber.								<b>~</b>	<b>~</b>	<b>✓</b>		~	
#1205046т	Mohawk @			Late	7											✓	<b>/</b>	<b>✓</b>		~	
#1205050т	Pawnee <b>♦</b>			Early	6	Soft Shell. Ripens: Mid to	•									✓	<b>✓</b>	<b>✓</b>		<b>✓</b>	
# <b>1205060</b> т	Sioux ♦			Late	7	production and good store Large tree and good for la	age quality. Adapted andscaping. Resista	to Southeast and West. nt to scab and other					(	NEW! for 2018		<b>✓</b>	<b>/</b>	<b>✓</b>		<b>~</b>	
= Does b	etter with pollinizer	<b>♦</b> =	Needs	pollinizer	All co	mmercial nut tree orchards	s must use pollinizers	s for increased production of	quantiti	es. Ma	ny hon	neowne	ers des	ire peca	an tre	ees fo	r their	beau	tiful s	had	9

and any small harvest of nuts is a side benefit. Pecan trees make gorgeous shade trees in the right location (i.e. most pecans get aphids which drops "honeydew" so don't plant over driveways and parking lots).

<sup>+ =</sup> On Nemaguard Peach Root

AND REPORT OF THE PARTY OF THE	** Please	Note: N	No Guarantee or Replacements on Pecans ** Caliper	3/8	1/2	5/8	3/4	1"	11/4"		LA	BE	L I(	CON
PECAN (Continued)	Pollen	USDA		3-4	4-6'	6-7'	7-8'	8-10'	10-12'	ified	ating	aking		<u>es</u>
	Shedding	ZONE			Pı	rices or	n page	34		in left	:ati	a la	၂ ဥ	llell a
:1205067⊤ <b>Stuart ♦</b>	Late	7	An older variety and formerly the dominant pecan in the U.S. pecan industry. Hard Shell. Large, reliable, highly productive, hardy, fast growing, good quality. Ripens: Late October.							Virus (	Fresh	Cooking -	Freezir	Sauce
			growing, good quality. Riperis. Late October.							✓	<b>V</b>	✓	<b>✓</b>	
1205083τ Waco ♦	Early	7	Large nut of exceptional quality. Vigorous tree. Reliable production. Kernels are cream to golden in color. Shells out easily. Recommended for Arid climates from Central Texas to West Coast. Ripens mid to late October.	Limited	Limited	Limited	Limited	Limited	NEW! for 2018		<b>/</b>	✓	<b>/</b>	-
1205081τ <b>Western Schley</b> Semi Self-ferti	e Early	7	Most popular pecan in the arid West. Large, elongated, rich flavor kernel. Soft Shell. Heavy producer. Bears at young age. Ripens: Early December. Not recommended for Eastern humid climates.								~	✓	~	-
1205088τ <b>Wichita ♦</b>	Late	7	Medium, long sharply pointed at both ends, good flavor. Soft Shell. Ripens: November. Recommended for Arid climates from Central Texas to West Coast.								~	✓	~	-
205099 PECAN POT			a tall, narrow, plastic pot which should be able to handle Pecan per 1 and we will order them for you and ship with your tree shipn		n tree:	s up to	5/8"	caliper	. 11"W	x 24	"H, 8	8 Gal	lon.	



Very cold hardy tree

Leading commercial variety

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

\*ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

y customers o	iny. iple	es of 10*	Or	der in M	ultiples o	of 5	
Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	
Approx. Height:	3-4'	4-6'	6-8	8-9'	XLG	JUMBO	
							:

WALNUT

Carpathian (Mesa)

Chandler

(Juglans)

1208015<

1208017<

Note: Prices are not publicly displayed in the

	internet - t	or esta	biisned	ı nurse	ry cust	omers	oniy.	Fre	Coc	Car	Dry	Fre	Jan	Sau	<u>8</u>	FIO
Cold hardy USDA Zone	e 6b.	Limited						>	✓			✓			✓	
Cold hardy USDA Zone	e 8.	Limited					Limited	✓	✓			✓			✓	
Cold hardy USDA Zone	e 8.	Limited					Limited	✓	<b>✓</b>			✓			✓	
	_								,						,	

			00.4 002/1201.00.								
1208012△	Chandler (on Paradox) (High Graft)	Leading commercial variety	Cold hardy USDA Zone 8.	Limited			Limited	✓	✓	<b>✓</b>	<b>✓</b>
1208018△	Chandler (on Paradox) (Low Graft)	Leading commercial variety	Cold hardy USDA Zone 8.	Limited			Limited	✓	✓	✓	<b>✓</b>
1208019<	Cooke's Giant Sweet™	Extremely large nut, cold hardy	Cold hardy USDA Zone 7(maybe 6b).					✓	✓	✓	<b>/</b>
1208040<	Hartley	A major commercial variety	Cold hardy USDA Zone 7.				Limited	✓	✓	<b>✓</b>	1
1208045<	Idaho	Very cold hardy - Large nut	Cold hardy USDA Zone 6b.				Limited	✓	✓	<b>✓</b>	1
1208060<	Placentia	Medium nut - Mild winter variety	Cold hardy USDA Zone 8.	Limited			Limited	✓	✓	<b>✓</b>	1
1208065<	Robert Livermore	Unique dark red meat. (Patent 12264)	USDA Zone 8 (+\$1.75 royalty)				Limited	✓	✓	<b>✓</b>	<b>✓</b>
1208080<	Thomas Black	Very cold hardy - Large, hard shell nut	Cold hardy USDA Zone 5.				Limited	✓	✓	<b>✓</b>	<b>✓</b>
1208085<	Tulare	Large, almost round nut. Smaller tree p	rized for hedge row plantings. Zone 8	Limited		Limited	Limited	✓	✓	<b>✓</b>	✓

1208090<	Northern California Black	(Juglans hindsii)	Cold hardy USDA	A Zone 6.					
1208095△	Paradox	(Juglans x hindsii)	USDA Zone 8	(+\$1.00 to list)					
- On Nort	thorn California Plack Walnut Boot	A = On Baraday Walnut Boot			*ADD 60d por	troo for h	undlee e	of E in oiz	00 1/2" 0

No Picture Tags provided on seedlings

LABEL ICONS

\*ADD 60¢ per tree for bundles of 5 in sizes 1/2" or smaller.

Note: Prices are not publicly displayed in the internet - for established nursery customers only.

interne	t - for establis	ned nursery customers only.							m <sub>TM</sub>	Virus Certified Fresh Eating	Wine (Daisin)	g - Bake	Jellies
#1 is 8" up in total top gr	owth. #2 is 4" -	8" in total top growth.		و م		ORDER QU	JANTITY	PRICE	Heirloom	sh E	9 i	Cooking - F	1
■ = SEEDLESS = WINE GRAPE BAR	<b>EROOT GR</b>	APEVINES (Drought Tolerant)	RIPENS	Col Zor	Cane/Spur Prune*	#1	#2	CODE	[문]	F S	Wine		Juice
1351011 <b>a Autumn Royal (Seedless)</b> (Vitis vinifera)	Large	Purplish-Black	SeptOct.	7	Spur			С		✓	~		
1351022 <b>Black Corinth (Zante Currant)</b> (Vitis vinifera)	Tiny	Dark red to black	Mid Aug.	6b	Cane/Spur			D	✓	✓		1	
1351005 Black Emerald (Seedless) (Vitis vinifera)	Medium	Black	July	7	Either			С		✓	~		$\Box$
1351001 Black Monukka (Seedless) (Vitis vinifera)	Medium	Black	AugSept.	6	Either			В	<b>√</b>	✓			
1351002 Black Spanish (LeNoir) (Vitis bourquiniana)	Small	Blue-black, vigorous	AugSept.	6	Cane			D	<b>✓</b>		✓		<b>√</b> ✓
1351012 ■ Blueberry™ Grape (Seedless) (Vitis labrusca x)	Medium	Purple-blue grape, hint of blueberry flavor	Mid Aug - Sept.	7	Either	(+ 10¢ rc	oyalty)	С		✓	~		
1351004 Cabernet Sauvignon (Vitis vinifera)	Medium	Purplish-black	SeptOct.	6	Cane			С	<b>✓</b>		✓		
1351006 <b>Canadice (Seedless)</b> (Vitis vinifera cross)	Medium	Red, Excellent, sweet flavor	Aug.	5	Cane/Spur			С		✓	~		
1351010 Catawba (Vitis labrusca vinifera cross)	Large	Coppery-red	Late Sept.	5	Cane			С		✓			$\Box$
1351016 Champanel (Vitis labrusca cross)	Large	Black, vigorous	AugSept.	6	Cane			С					<b>√</b> ✓
1351061 Chardonnay (Vitis vinifera)	Medium	White	AugSept.	6	Cane			С	✓		✓		
1351013 Concord, California (Isabella) (Vitis labrusca x)	Large	Oblong, blue-black	Sept.	5	Cane/Spur			В	✓	✓			<b>√</b>   <b>√</b>
1351019 Concord, Eastern (Vitis labrusca)	Medium	Blue-black	AugSept.	5	Cane/Spur			В	✓	✓			<b>√</b>   <b>√</b>
1351020 Concord, Eastern Seedless (Vitis labrusca)	Small	Blue-black	AugSept.	5	Cane			С		✓		<b>✓</b>	
1351017 <b>Crimson Seedless</b> (Vitis vinifera cross)	Medium	Red, vigorous	Oct.	7	Cane			В		✓	~		
1351018 <b>Delight (Seedless)</b> (Vitis vinifera)	Large	Dark greenish-yellow	Late July	7	Cane/Spur			D		✓	~		
1351031 <b>Flame Seedless</b> (Vitis vinifera)	Medium	Red skin, firm flesh	Late July	7	Cane/Spur			Α		✓	~		
1351032 Fredonia (Vitis labrusca)	Large	Black, vigorous. Similar to Concord but larger	Late Aug.	5	Spur			D	<b>✓</b>	✓			<b>√</b>
1351033 Golden Muscat (Vitis vinifera cross)	Large	Golden green	Aug.	6	Spur			В	✓	✓	✓		
1351034 <b>Himrod (Seedless)</b> (Vitis vinifera cross)	Medium	Pale green to yellow	AugSept.	5	Cane			В		✓	~		
1351041 Kyoho (Vitis vinifera x Vitis labrusca)	Huge	Purple-Black, often peeled as a dessert   NEI   for 2	July- Aug.	6	Spur	Limited	Limited	D		✓			<b>√</b>
1351053 Ladyfinger (Olivet Blanche sel.) (Vitis vinifera)	Large	Elongated, white to green	Oct.	7	Either	Limited	Limited	D	✓	✓			
1351047 <b>Lakemont (Seedless)</b> (Vitis vinifera cross)	Medium	Pale green to golden	AugSept.	5	Cane/Spur			D		✓	•		
1351044 Lomanto (Vitis labrusca vinifera cross)	Medium - Large	Black, vigorous	Mid June	6	Cane			С	✓	✓	✓		<b>√</b>
1351049 Merlot (Vitis vinifera)	Medium	Bluish-black	SeptOct.	7	Spur/Cane			В	✓		<b>✓</b>		
1351045 <b>Midgely's Purple (Seedless)</b> (Vitis vinifera)	Medium	Reddish-purple	Sept.	6	Either			В		✓	~		
1351046 Muscat (Alexandria) (Vitis vinifera)	Large	Dull green	Sept.	7	Spur			С	✓	✓	✓ <b>∨</b>		
1351052 <b>Niabell</b> (Vitis labrusca)	Large	Round, blue-black	Aug.	5	Cane			D		✓			<b>√</b>
1351055 Niagara (White Concord)(Vitis labrusca)	Large	Hardy, white	AugSept.	5	Cane/Spur			С	✓	✓			<b>√</b> ✓
1351058 • Perlette (Seedless) (Vitis vinifera)	Medium	Amber green	Late July	6	Cane			С		✓	·		
1351059 Pinot Noir (Vitis vinifera)	Medium	Purple-Black	AugSept.	6	Cane/Spur			D	<b>✓</b>		✓		

THE HIGHER QUANTITY RATE APPLIES ONLY WHEN QUANTITY IS PURCHASED IN ONE VARIETY.

NO ORDERS ACCEPTED FOR LESS THAN 25 OF ONE VARIETY.

ALL GRAPES ARE GROWN ON THEIR OWN ROOT.

On Grapes, Blue Labels are Standard. Picture Tags are Optional at an added cost. See Sales Aids Page 6 for details.

BAREROOT GRAPEVINES (Continued)			On Grapes, Blue Labels Optional at an added cost.				_	_	m_t	ertified	Eating	Rais	g - Bake
#1 is 8" up in total top g		, 0	ht Tolerant) RIPENS	Cold	a Cane/Sbur	ORDER Q	UANTITY #2	PRICE CODE	Heirloom	Virus C	Fresh E	Drying	Cooking Juice
1351063 Princess (Seedless) (Vitis vinifera)	Large	Pale green to golden	Mid-Late Aug.	7	Cane			В		~		~	
1351065 Redglobe (Vitis vinifera)	Extra Large	Dark ruby red	SeptOct.	7	Short Cane			С	П	~	/		
1351071 <b>Ruby Seedless (King's Ruby)</b> (Vitis vinifera)	Medium	Crisp dark red skin, firm flesh	Aug.	7	Either			Α	П	~	/	<b>✓</b>	
1351074 Sauvignon Blanc (Vitis vinifera)	Small	Greenish-yellow	AugSept.	6	Cane			D	<b>✓</b>		<b>✓</b>		
1351072 Seibel #9110 (Verdelet) (Vitis vinifera)	Large	White, yellow fruited	AugSept.	6	Cane/Spur			D		~	1 1	П	
1351069 Shiraz (Syrah) (vitis vinifera)	Medium	Reddish-black	SeptOct.	6	Spur			D			✓		
1351079 Summer Muscat (Seedless) (Vitis vinifera)	Medium	Green	Aug.	7	Spur/Cane			С		~	/ /	✓	
1351081 <b>Summer Royal (Seedless)</b> (Vitis vinifera)	Medium	Black	Late Aug.	7	Cane			С	П	~	/	<b>✓</b>	
1351084 <b>Thomcord (Seedless)</b> (Vitis vinifera cross)	Medium	Blue-black	L. July - Aug.	6	Cane			D		~	/		
1351073 <b>Thompson Seedless</b> (Vitis vinifera)	Medium	Pale green to golden	AugSept.	7	Cane			Α		~	/	<b>✓</b>	
1351083	Large	Blue-black, vigorous	Aug.	7	Cane/Spur			D	П	~	/ /	П	<b>✓</b>
1351090 <b>Zinfandel</b> (Vitis vinifera)	Medium	Purple-black	Aug.	6	Spur			С	~		<b>✓</b>	П	
Grape pruning explained: http://www.lecooke.com/Nur	sery/Care/Grape	Pruning-Cane-vs-Spur.pdf	* Pruning (Spur	/ Cai	ne): When	both are	e listed,	the first	one	is pr	eferr	ed.	

Note: Our grapevines are vigorous. If you insist on pruning the roots to fit a one gallon can, don't count on any guarantee.

			NATURE'	S PRIDE® PA	ACKAGED GF	RAPEVINES	Pa
_	Approxir	nate Volume Discount:	NET	5%	10%	15%	QU
	■ = SEEDLESS		1 Case (25 Vines)	5 Cases (125 Vines)	10 Cases (250 Vines)	20 Cases (500 Vines)	s
TABLE	GRAPES	Price per Case: Unit Price per Vine:					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
2450001	Black Monukka	(Vitis vinifera)					DIS
2450013	Concord, California (Isabella)	(Vitis labrusca cross)		longer shelf life and longer strongly lity, you are strongly lity, you are strongly	1		
2450019	Concord, Eastern	(Vitis labrusca)	Note: For	longer site strongly			MIN
2450031	Flame Seedless	(Vitis vinifera)	better viable	longer shelf life and longer shelf life and longly lility, you are strongly switch over to the apevines on page 42.			] \( \frac{1}{v} \)
2450034	Himrod	(Vitis vinifera cross)	urged to	ility, you over to the same on page 42. apevines on page 42.	_		0
2450058	Perlette	(Vitis vinifera)	police				
2450073	Thompson Seedless	(Vitis vinifera)	N	ote: Prices are not	publicly displayed i	n the	AVA
WINE	GRAPES	Price per Case: Unit Price per Vine:			ed nursery custome		j ii
2450004	Cabernet Sauvignon	(Vitis vinifera)					] "
2450061	Chardonnay	(Vitis vinifera)					TEF
2450049	Merlot	(Vitis vinifera)					] d
2450069	Shiraz (Syrah)	(Vitis vinifera)					Via
2450090	Zinfandel	(Vitis vinifera)					] 2
2450099	Wine Pack (5 each of	wine varieties above)					d

#### Packaged Grapes available after January 1st.

QUANTITY RATES: Are based upon total units per shipment. Can be combined with <u>packaged</u> berries & vegetables for maximum discount.

**DISCOUNTS**: All prices are "NET" per each plant except for pre-season pre-payment discount. No additional Retail or Wholesale discounts.

MINIMUM ORDER: 1 case (25 units).

Minimum Order: for pool truck delivery is \$700 within California or \$1000 out of state. May be combined with bareroot trees to meet minimum order. Otherwise ships F.O.B. Visalia.

**AVAILABILITY**: From January onward. Not available in November or December with berries. Since these packages need to be assembled, please place orders in advance for late season deliveries.

**TERMS**: Payment is due the 10th of the 1st month after delivery (approximately 30 days).

Viability: Packaged products have a limited shelf life. 20-30 days maximum then get them canned. Do not display in the sun.

QUANTITY RATES: Are based upon one variety per shipment. AVAILABILITY: From November onward DISCOUNTS: All prices are "NET" per each plant except for pre-season pre-payment discount. No additional Re MINIMUM ORDER: for California pool truck delivery is \$700 or \$1000 out of state. May be combined with barero Otherwise ships F.O.B. Visalia - usually very economically by UPS. Delivery costs on pool trucks at bareroot delivations. Payment is due the 10th of the 1st month after delivery (approximately 30 days).	tail or Whole ot trees to n	neet minim	um order.	pending on	your	Ф	Car See	ne Be option	rries.	Pictui Cane	re Tag Berri	
climate  1 Yr. = 1 full year in the nursery field 2 Yr. = 1 year in greenhouse + 1 year in field  # = Sweating can be used to break dormancy. See instructions on page 59.	Discount: 25 Rate	10% 100 Rate	15% 500 Rate	20% 1000 Rate	25% 5000 Rate	<b>USDA</b> Cold Zone	-Pl∰	Canning	Urying Wine	Jams - Jellies		Ice Cream Freezing Fall Color
RASPBERRIES PRICE:	-							ع اقا		_		
#2108016 Red Raspberries, Amity (Rubus idaeus var. strigosus)  Everbearing - *Spring/Fall   1 Yr.	+					4	<b>V V</b>	$\vdash$		/ /	+ +	<b>√ √</b>
#2108004 Red Raspberries, <b>Autumn Bliss</b> (Rubus idaeus var. strigosus) Everbearing - *Spring/Fall   1 Yr.	<del> </del>					3	<b>√ √</b>	$\vdash$		/ /	Ľ	V V
#2108009 Red Raspberries, <b>Canby</b> (Rubus idaeus var. strigosus) (Thornless) Spring 1 Yr.						4	<b>√ √</b>	$\vdash$		/ /	-	✓ ✓
#2108019 Gold Raspberries, Fall Gold (Rubus idaeus var. strigosus) Everbearing - *Spring/Fall 1 Yr.	+					4	<b>✓</b>	$\vdash$		/ /		V V
#2108025 Red Raspberries, <b>Heritage</b> (Rubus idaeus var. strigosus) Everbearing - *Spring/Fall   1 Yr.	_					4	<b>√ √</b>	$\vdash$		/ /		V V
#2108030 Red Raspberries, Indian Summer (Rubus idaeus var. strigosus) Everbearing - *Spring/Fall 1 Yr.	+ Note:	Prices a	e not pu	blicly disi	olaved -	4	<b>√ √</b>	$\vdash$		/ /	-	V V
#2108035 Red Raspberries, <b>Latham</b> (Rubus idaeus var. strigosus) *Spring 1 Yr.	in the	internet -	•		•	3		$\vdash$		/ /	$\vdash$	< <
#2108040 Red Raspberries, <b>Newburgh</b> (Rubus idaeus var. strigosus) *Spring 1 Yr.	<u> </u>		tomers o			3	<b>√ √</b>	$\vdash$		<b>/ /</b>	ļ ·	<b>✓</b> ✓
#2108045 Red Raspberries, <b>September</b> (Rubus idaeus var. strigosus) Everbearing - *Spring/Fall 1 Yr.	+	<del> </del>		+	1	4	<b>√ √</b>	$\vdash$		/ /		< <
#2108080 Red Raspberries, <b>Willamette</b> (Rubus idaeus var. strigosus) *Spring 1 Yr.						4	<b>✓</b> ✓	Щ	✓ ,	/ /	<b>✓</b>	<b>✓</b>   <b>✓</b>
PRICE:									1 1			
2108011 Black Raspberries, <b>Cumberland Black Cap</b> (Rubus occidentalis) Semi-Upright 1 Yr.	+					5	<b>√ √</b>	$\vdash$	<b>√</b> ,	<b>✓</b>	<b>V</b>	V V
2108037 Black Raspberries, <b>Munger Black Cap</b> (Rubus occidentalis) Semi-Upright 1 Yr.	+					4	<b>√</b> ✓	Щ	<b>√</b> ,	<b>✓</b>	<b>✓</b>	✓   ✓
BLACKBERRIES PRICE:	:											
2101010 Blackberries, <b>Brazos</b> (Rubus laciniatus) Upright - Cane 1 Yr.						7	<b>√</b> ✓	Щ	✓ ,	/ /	<b>√</b>	<b>√</b>   <b>√</b>
2101003 Blackberries, <b>Apache</b> (Rubus sp.) (Thornless)  PRICE:  (PAT #11865) (+20¢ royalty)  Upright 2 Yr.	1					6	<b>V V</b>		<b>√</b> ,	/ /	<b>✓</b>	<b>/ /</b>
2101005 Blackberries, <b>Black Butte</b> (Rubus laciniatus sp.)  Trailing 2 Yr.	+					8	1 1	$\vdash$	<b>√</b> ,	/ /	1	1 1
2101044 Blackberries, <b>Black Satin</b> (Rubus laciniatus) (Thornless) Semi-Upright 2 Yr.	+					5	<b>V V</b>	$\vdash$	<b>√</b> ,	/ /	1	<b>/ /</b>
2101011 Blackberries, Chester (Rubus laciniatus) (Thornless) Semi-Upright 2 Yr.						5	<b>V V</b>	$\vdash$	<b>v</b> ,	/ /	1	<b>/ /</b>
2101012 Blackberries, <b>Chickasaw</b> (Rubus sp.) (PAT #11861)(+20¢ royalty) Upright 2 Yr.	+					6	<b>V V</b>	$\vdash$		1 1	1	1 1
2101048 Blackberries, <b>Dirksen</b> (Rubus laciniatus) (Thornless) Semi-Upright 2 Yr.	+					5	<b>√ √</b>	$\vdash$		/ /	/	<b>/ /</b>
2101023 Blackberries, <b>Kiowa</b> (Rubus sp.) (PAT. #9861) (+20¢ royalty) Upright 2 Yr.	1					6	√ √	$\vdash$		/ /		<i>y y</i>
2101025 Blackberries, Marion (Rubus sp.)  Trailing 2 Yr.	+					7	<i>y y</i>	$\vdash$		/ /		<b>/ /</b>
2101028 Blackberries, <b>Natchez</b> (PAT #20891) (+.25¢ royalty) (Rubus sp.) (Thornless) Semi-Upright 2 Yr.	+						√ √	$\vdash$		/ /		<i>y y</i>
						7		$\dashv$		/ /	$\vdash$	<b>√ √</b>
	+					8	-	$\vdash$		/ /		<b>V V</b>
2101031 Blackberries, Olallie (Rubus sp.)  Trailing 2 Yr.  2101037 Plackberries, Ocean (Rubus sp.)  (Thereless)	+				NEW!			$\vdash$		/ /	+	<b>√ √</b>
2101037 Blackberries, Osage (Rubus sp. 'Osage') (Thornless) Upright 2 Yr.	<del> </del>				for 2017	5		$\vdash$		/ /	$\vdash$	
2101033 Blackberries, <b>Ouachita</b> (Rubus sp.) (PAT #17162)(+20¢ royalty) (Thornless) Upright 2 Yr.	+					7		$\vdash$				
2101035 Blackberries, <b>Prime-Jim®</b> (PAT #16989)(+.40¢ royalty) (Rubus) Primocane fruiting Upright 2 Yr.	+					5	<b>√ √</b>	$\vdash$		<b>/ /</b>	$\vdash$	<b>√ √</b>
2101056 Blackberries, <b>Siskiyou</b> (Rubus sp.)	_					8	-	$\vdash$		/ /	-	<b>√ √</b>
2101070 Blackberries, <b>Triple Crown</b> (Rubus sp.) (Thornless) Semi-Upright 2 Yr.						5	<b>✓ ✓</b>	Ш	<b>✓</b> ,	/ /	<b>✓</b>	<b>✓</b>   <b>✓</b>

Blueberries grown in 5"x5"x7" pots with 18" growth - shaken out for economical shipping bareroot.

Blueberries are available with November deliveries.

									_								
A		•	ow supplied at no charge on Cane on Cane Berries. See Sales Aids		details.			Mark Control	Zone	ng Bake				Jellies			
	1 Yr. = 1 full year in the nursery field 2 Yr.			Discount:	10%	15%	20%	25%	Z plo	Fresh Eating Cooking - Ba				Jel Jel	E E	:	ב מ
# = Swear	ting can be used to break dormancy. See instructions	on page 61.		25 Rate	100 Rate	500 Rate	1000 Rate		A O V	sh E	Canning	ing	စ္ စ	- St	C ce	Pzin	3 3
OTHE	R CANE BERRIES		PRICE	:					JSN	Fresh	Sar	Drying	Wine	Jams -	Sar Sar	Freezing	:   [
2102011	Boysenberries, Regular (Rubus ursinus)		Trailing 2 Yr.						6	<b>√</b> ✓	П	,	<b>/ /</b>	<b>V</b>	<b>√ √</b>		
2102031	Boysenberries, Thornless (Rubus ursinus)	(Thornless)	Trailing 2 Yr.						7	<b>√</b> ✓	П	•	<b>✓ ✓</b>	<b>✓</b>	<b>√</b> ✓	· •	1
2104011	Dewberries, Austin (Rubus flagellaris)		Trailing 2 Yr.						6	<b>√</b> ✓		,	< <	<b>✓</b>	<b>√</b> ✓	~	
2107011	Nectarberries (Rubus ursinus)		Trailing 2 Yr.				olicly disp		6	<b>√</b> ✓		•	< <	<b>✓</b>	<b>√</b> ✓	· 🗸	П
2109021	Youngberries, Thornless (Rubus ursinus)	(Thornless)	Trailing 2 Yr.	In the		tor estar	olished nu	rsery	7	<b>✓</b> ✓		,	< <	<b>✓</b>	<b>√</b> ✓	~	
			PRICE		cus	,	i ii y.										
2106011	Loganberries, Thornless (Rubus loganobaccus)	(Thornless)	Trailing 2 Yr.						6	<b>√</b> ✓		,	< <	<b>√</b>	<b>√</b> ✓	′ 🗸	
2108515	Tayberry (Rubus sp.)		Trailing 2 Yr.						7	<b>✓</b> ✓		,	< <	<b>✓</b>	<b>√</b> ✓	. <	
2103001	Currants, Consort Black (Ribes nigrum)	(Thornless)	Tied and sold in 10's Upright 2 Yr.						3	<b>✓</b> ✓		,	< <	<b>✓</b>	<b>√</b> ✓	· 🗸	
2103007	Currants, Red Lake (Ribes rubrum)	(Thornless)	Tied and sold in 10's Upright 2 Yr.						3	<b>√</b> ✓		,	<b>√</b>	<b>✓</b>	<b>√</b> ✓	· 🗸	
2103010	Currants, Wilder (Ribes sativum)	(Thornless)	Tied and sold in 10's Upright 2 Yr.						3	<b>√</b> ✓		,	<b>√</b>	<b>✓</b>	<b>√</b> ✓	· 🗸	
2105020	Gooseberries, Pixwell (Ribes hertellum)		Tied and sold in 10's Upright 2 Yr.						3	<b>✓</b> ✓		,	< <	<b>✓</b>	<b>√</b> ✓		

#### **BLUEBERRY PLANTS**

	5.5" Pc			f 5. Minimum order is 5. potted pricing and case volume discounts.	BAREI	ROOT	5.5" X 5.5" POTTED	one						ed for f Bluebe		
NORTHERN HIGH	BUSH	(Vaccinium coryn	nbosum x) Minii	num of 800 hours chilling required	2 YEAR I	PLANTS	2 YEAR PLANTS	ΖpI						s have		
Listed in Ripening	Order	(Semi Self-Fertile	e. Recommend 2 va	rieties for better production and berry size.)	PRICE:		Prices on Page 42	ပိ		Pi	cture	Tag c	n the	plant.		
Reka	4-6'	Early season	Zones 4-7	From New Zealand. Bountiful yields, upright. Fall Color.	2404080			4	✓	✓	✓	✓	<b>√</b>	✓	✓ .	<b>✓</b>
Patriot	≟ 3-5'	Early season	Zones 3-7	Low growing, consistent yields. Showy blooms, fall color	2404076			3	✓	✓	<b>✓</b>	✓	<b>✓</b>	✓	✓ .	✓
Blueray	4-6'	Early to Mid seas	son Zones 4-7	Dessert flavor. Colorful spring flowers & fall color.	2404030		6404030 NEW!	4	✓	✓	<b>✓</b>	✓	<b>V</b>	✓	✓ .	~
<b>Draper</b> (PP#15103)	ت 3-4 <sup>'</sup>	Mid season	Zones 5-7	NEW! Favorite for small u-pick and large farms (+.30¢ royalty)	2404044		for 2017	5	✓	✓	<b>✓</b>	✓	<b>√</b>	✓	✓ .	✓
Bluecrop	Matu	Mid season	Zones 4-7	Leading commercial variety.	2404020		6404020	4	✓	✓	<b>✓</b>	✓	<b>√</b>	✓	✓ .	✓
Chandler	≥ 4-6'	Mid to Late seas	on Zones 4-7	Quarter sized berries - long ripening season.	2404037			4	✓	✓	<b>✓</b>	✓	<b>√</b>	✓	<b>✓</b>	
Darrow	5-6'	Mid to Late seas	on Zones 5-7	Largest berries. Orange fall color.	2404045		6404045	5	✓	✓	<b>✓</b>	✓	<b>√</b>	✓	✓ .	<b>√</b>
SOUTHERN HIGH																
300 I HERN HIGH	RO2H	(Vaccinium hybrid	<li>d) (Better for Lowe)</li>	r Chill areas)	Blueberri	ies are ava	ailable with Novembe	r de	elive	ries.						
Listed in Ripening		`	, \	r Chill areas) rieties for better production and berry size.)	Blueberri PRICE:	ies are ava	Prices on Page 42	r de	live	ries. ✓	· 🗸	✓	<b>√</b>	✓	<b>√</b>	
		`	, \	rieties for better production and berry size.)		ies are ava		r de	_	ries.	·	✓ ✓	✓ ✓ ✓ ✓	<ul><li>✓</li></ul>	✓ ✓ ✓	
Listed in Ripening	Order	(Semi Self-Fertile	e. Recommend 2 va	rieties for better production and berry size.)	PRICE:	ies are ava			✓	eries.	<b>√</b>		√ √ √ √ √		-	
Listed in Ripening Star (PP#10675) O'Neal	Order 5-6'	(Semi Self-Fertile Early season	e. Recommend 2 va 400 Hours 6-10 3-400 Hours	Leading southern cultivar. Dependable.  Large, firm, very sweet fruit.	PRICE: 2402025	ies are ava	Prices on Page 42	6	✓ ✓	eries.	<b>√</b>				-	
Listed in Ripening Star (PP#10675) O'Neal Jewel (PP#11807)	Order 5-6' 5-6'	(Semi Self-Fertile Early season Early Season	e. Recommend 2 va 400 Hours 6-10 3-400 Hours g Zones 5-10	Leading southern cultivar. Dependable.  Large, firm, very sweet fruit.	PRICE: 2402025 2402008	ies are ava	Prices on Page 42 6402008	6	✓ ✓ ✓	eries.	<b>√</b>		\frac{}{}		-	
Listed in Ripening Star (PP#10675) O'Neal Jewel (PP#11807) Misty Sharpblue	Order  5-6' 5-6' 5-6' 4-6' 4-6'	(Semi Self-Fertile Early season Early Season Early-Mid	2 Recommend 2 va 400 Hours 6-10 3-400 Hours 2 Zones 5-10 200 Hours 6-10	Leading southern cultivar. Dependable.  Large, firm, very sweet fruit.  Record yields, large quality fruit (+.30¢ royalty)	PRICE: 2402025 2402008 2402015	ies are ava	6402008 6402015	6 5 6	<ul><li>✓</li><li>✓</li><li>✓</li></ul>	eries.	<b>√</b>		\(  \)	✓ ✓	✓ ✓ ✓ ✓ ✓	
Listed in Ripening Star (PP#10675) O'Neal Jewel (PP#11807) Misty Sharpblue	5-6' 5-6' 5-6' 5-6'	(Semi Self-Fertile Early season Early Season Early-Mid Mid season	400 Hours 6-10 3-400 Hours 2 Zones 5-10 200 Hours 6-10 300 Hours 5-10	Leading southern cultivar. Dependable.  Large, firm, very sweet fruit.  Record yields, large quality fruit (+.30¢ royalty)  Excellent for mild winters & hot summers.	PRICE: 2402025 2402008 2402015	ies are ava	Prices on Page 42 6402008 6402015 6402007	6 5 6 5	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	<ul> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<b>√</b>	\tau \tau \tau \tau \tau \tau \tau \tau	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	✓ ✓	✓ ✓ ✓ ✓ ✓	
Listed in Ripening Star (PP#10675) O'Neal Jewel (PP#11807) Misty Sharpblue	Order  5-6' 5-6' 5-6' 4-6' 4-6'	(Semi Self-Fertile Early season Early Season Early-Mid Mid season Early-Mid-Late	2 Recommend 2 va 400 Hours 6-10 3-400 Hours Zones 5-10 200 Hours 6-10 300 Hours 5-10 150 Hours 7-10	Leading southern cultivar. Dependable.  Large, firm, very sweet fruit.  Record yields, large quality fruit (+.30¢ royalty)  Excellent for mild winters & hot summers.  World wide leader for low chill climates. (+.60¢ cost adder)	PRICE: 2402025 2402008 2402015 2402007	ies are ava	Prices on Page 42 6402008 6402015 6402007	6 5 6 5 7	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	v v v v v v v v v v v v v v v v v v v	\(  \)	\( \sqrt{1} \)	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	

# 40 Strawberries & Packaged Berries The Cooke Book® - Recipes for Success

QUANTITY RATES: Are based upon one variety per shipment.

DISCOUNTS: All prices are "NET" per each plant except for pre-season pre-payment discount. No additional Retail or Wholesale discounts. MINIMUM ORDER: for California pool truck delivery is \$700 or \$1000 out of state. May be combined with bareroot trees to meet minimum order. Otherwise ships F.O.B. Visalia - usually very economically by UPS. Delivery costs on pool trucks are at bareroot delivery rates.

AVAILABILITY: From November onward.

TERMS: Payment is due the 10th of the 1st month after delivery (approximately 30 days).

Money saving strawberry tip: It is less expensive to buy 500 than 300 or 400. Why? We do not have to re-pack them.

> > There is no place to hang a

picture tag on

strawberries so Picture Tags with Icons are not available.

31				(Approximate Discount)	ω.	NET	50%	55%	60%	65%
	BARE	ROOT <i>N</i> BERRY PLANT	Order in multiples of 100		old Zon	100 Rate	500 Rate	1,500 Rate	10,000 Rate	30,000 Rate
н	(Fragaria		t prohibits shipping out of the U.S.	PRICE PER 100 PLANTS:	ပိ	Not	e Pric	es are	not pu	hlicly
1	2501005	Albion (PP#162	28)* Large, tasty, sweet, firm, conical berries. Day neutral U.C. Selection	(+\$1.50 per 100 plants)	5				ne inter	
Я	2501008	Camarosa (PP# 87	08)* Larger than Chandler, longer season, tasty. Short Day U.C. Selection	(+\$2.00 per 100 plants)	5				ed nurs	
Н	2501010	Chandler	Former Number 1 Commercial. Short Day U.C. Selection	(+\$2.00 per 100 plants)	5		cus	tomer	s only.	_
	2501020	Florida Radiance (PP#20363)*	Disease resistant for humid & low chill areas. Short Day U. Florida selectio	n (+\$3.50 per 100 plants)	6					
8	2501030	Quinault Everbearing**	Good in cold areas. Good for commercial and home gardens. Everbearing	J	4					
н	2501035	Seascape**	Extra large firm berry. Day Neutral U.C. Selection	(+\$3.00 per 100 plants)	5					
н	2501080	Tristar** ( NEW! for 2018	Great for the home garden. Sweet. Everbearing - Fruits Spring through Fall	(+\$2.00 per 100 plants)	5				Chec	
		** Note	Only available with January or later shipments - not November shipments.					PO	TTE	D BE

#### NATURE'S PRIDE® PACKAGED BERRIES

QUANTITY PACKAGED RATES: Are based upon total units per shipment. Can be combined with packaged grapes & vegetables for maximum discount. DISCOUNTS: All prices are "NET" per each plant except for pre-season pre-payment discount. No additional Retail or Wholesale discounts.

MINIMUM ORDER: 1 case (25 units). Minimum Order: for California pool truck delivery is \$700 or \$1000 out of state. May be combined with bareroot trees to meet minimum order.

Otherwise ships F.O.B. Visalia. If minimums met, delivery costs on pool trucks are at bareroot delivery rates. Otherwise ships F.O.B. Visalia. AVAILABILITY: From November onward. Since these packages need to be assembled, please place orders in advance for late season deliveries.

TERMS: Payment is due the 10th of the 1st month after delivery (approximately 30 days).

Viability: Packaged products have a limited

2451046 Blackberries, **Black Satin** (Thornless) (Rubus laciniatus)

2452011 Boysenberries, Regular (Rubus ursinus)

2452031 Boysenberries, Thornless (Rubus ursinus)

Approximate Volume Discount: NET 5% 10% 15% shelf life. 20-30 days maximum then get them canned. Do not display in the sun. 1 Case 5 Cases 10 Cases 20 Cases # = Plants per Unit (25 Units) (125 Units) (250 Units) (500 Units) Price / Case: PACKAGED CANE BERRY PLANTS Price / Unit: 2458025 Red Raspberries, Heritage (Everbearing) (Rubus idaeus var. strigosus) 2 Note: For longer shelf life and better viability, you are strongly 2458045 Red Raspberries, September (Rubus idaeus var. strigosus) 2 urged to switch over to the 2458080 Red Raspberries, Willamette (Rubus idaeus var. strigosus) 2 potted cane berries on page 42. 2458011 Raspberries. Cumberland Black Cap (Rubus occidentalis) 1 2451031 Blackberries, Olallie (Rubus sp.) 1

1

1 1

#### k out the **D BERRIES**

Grown in 5.5" x 5.5" square pots (1.9 Liter) Heights 10"-15" - bushy to fill pots. Each plant is tied up to bamboo. Each plant has a picture tag.



ices and items available on page 42. Brochure available on website (www.lecooke.com) or for from your Sales Representative by Email from L.E. Cooke Co

# Vegetables & Packaged Veggies 4

There is no place to hang a picture tag on

bareroot vegetables so Picture Tags with Icons

are not available.

QUANTITY RATES: Are based upon one variety per shipment.

DISCOUNTS: All prices are "NET" per each plant except for pre-season pre-payment discount. No additional Retail or Wholesale discounts.

MINIMUM ORDER: for California pool truck delivery is \$700 or \$1000 out of state. May be combined with bareroot trees to meet minimum order. Otherwise ships F.O.B. Visalia - usually very economically by UPS. Delivery costs on pool trucks are at bareroot delivery rates.

AVAILABILITY: From November onward.

Rhubarb. Victoria

(Rheum rhabarbarum) Grown from F2 seed

(Excellent flavor, green stalks with pink at bottom)

2306010

TERMS: Payment is due the 10th of the 1st month after delivery (approximately 30 days)

TERMS:	Payment is due the 10th of the 1st month after delivery (approximately 30 days	ays).						
BARE	R. = Rootings T. = Transplants 2 Yr. = Second Year Plant  ROOT VEGETABLES	USDA Cold		Discount: 25 Rate	10% 100 Rate	15% 500 Rate	20% 1000 Rate	25% 5000 Rate
<b>D</b> / \(\.\_\)		Zone	DDIOE.					
2301010	Artichokes, Improved Green Globe (Cynara scolymus) (Grown from Seed) (Nearly Thornless)	5	PRICE: 1 Yr.					<u> </u>
	Artichokes, Jerusalem (Quarter Size)		PRICE:				not public	•
2302010	(Helianthus tuberosus) Tuber with flowers like a small sunflower.	3	1 Yr.				nternet - f	
2302020	Artichokes, Jerusalem (Silver Dollar Size)	3	PRICE:	— esta	abiisned i	nursery c	ustomers	i only. —
2302020	(Helianthus tuberosus) Tuber with flowers like a small sunflower.	3	1 Yr.					
2303004	Asparagus, Apollo F1	4	PRICE:					
2000004	(Asparagus officinalis) (Grown from F1 seed)		1 Yr.					
2303120	Asparagus, Jersey Knight Male F1	3	PRICE:					
2000120	(Asparagus officinalis) (Grown from F1 seed)		1 Yr.					
2303020	Asparagus, U.C. 72 F2	4	PRICE:					
2000020	(Asparagus officinalis) (Grown from F2 seed)		1 Yr.					
2303030	Asparagus, U.C. 157 F2	4	PRICE:					
2303030	(Asparagus officinalis) (Grown from F2 seed)		1 Yr.					
2304010	Horseradish	2	PRICE:					
2304010	(Amoracia rusticana)	-	1 Yr.					

Photo above: Green Globe Artichoke

Background flower is Jerusalem Artichoke resembles a small sunflower.

#### NATURE'S PRIDE® PACKAGED VEGETABLES

PRICE:

1 Yr.

3

QUANTITY RATES: Are based upon total units per shipment. Can be combined with packaged grapes & berries for maximum discount.

DISCOUNTS: All prices are "NET" per each plant except for pre-season pre-payment discount. No additional Retail or Wholesale discounts.

MINIMUM ORDER: 1 case (25 units). Minimum Order: for California pool truck delivery is \$700 or \$1000 out of state. May be combined with bareroot trees to meet minimum order. If minimums met, delivery costs on pool trucks are at bareroot delivery rates. Otherwise ships F.O.B. Visalia.

AVAILABILITY: From November onward. Since these packages need to be assembled, please place orders in advance for late season deliveries.

TERMS: Payment is due the 10th of the 1st month after delivery (approximately 30 days).

		Approximate Volume Discount:	NET	5%	10%	15%
		# = Plants per Unit	1 Case (25 Units)	5 Cases (125 Units)	10 Cases (250 Units)	20 Cases (500 Units)
VEGE	TABLE PLANTS	Price per Case: Price per Unit:				
2461010	Artichokes, Improved Green Globe (Cynara scolymus) ( Nearly Thornless)	) 1				
2464010	Horseradish (Amoracia rusticana)	2				
		Price per Case: Price per Unit:				
2463020	Asparagus, U.C. 72 F2 (Asparagus officinalis)	8	_			
2466010	Rhubarb, Victoria (Rheum rhabarbarum)	2				

We know that not everyone wants to handle bareroot trees and plants so we have started up a greenhouse driven program to grow in 5.5" x 5.5" (1.9 liter) pots for some of the small fruits and later some other traditionally transplant sensitive items. This page is to put prices all in one place. Additional details can be found on separate pages or in the brochure for the potted program.

	Figs
6053005	Black Jack
6053010	Black Mission
6053020	Calif. Brown Turkey
6053025	Celestial (Celeste)
6053030	Conadria (White)
6053040	Italian Everbearing
6053043	King (Desert King)
6053053	Panache ("Tiger")
6053055	Peter's Honey
6053060	Texas (Everbearing)
6053070	White Genoa
6053080	White Kadota
Pon	negranates
6058010	Ambrosia
6058007	Austin
6058000	Granada
6058004	Utah Sweet
6058001	Wonderful
GR	APEVINES
6351001	Black Monukka
6351013	Concord, California
6351019	Concord, Eastern
6351020	Concord Seedless
6351031	Flame Seedless
6351034	Himrod
6351073	Thompson Seedless
WIN	E GRAPES
6351004	Cabernet Sauvignon*
6351061	Chardonnay*
6351049	Merlot*
6351069	Shiraz (Syrah)
6351090	Zinfandel*
6351099	Wine Pack (2 ea. with *
	2007

Fine



Note: Prices are not publicly displayed in the internet - for established nursery customers only.



		Cane Berries
	Blackb	perries
	6101003	Apache Blackberry (+\$.20 royalty)
	6101044	Black Satin Blackberry
	6101011	Chester Blackberry
	6101030	Navaho Blackberry
	6101031	Olallie Blackberry
	6101033	Ouachita Blackberry
	6101070	Triple Crown Blackberry
	Boyse	nberries
	6102011	Regular Boysenberry
	6102031	Thornless Boysenberry
		Blueberries
	Northe	ern Highbush
	6404020	Bluecrop
	6404030	Blueray
	6404045	Darrow
	Southe	ern Highbush
	6402015	Jewel (+\$.30 royalty)
	6402007	Misty
	6402008	O'Neal
	6402010	Sharpblue (+\$0.60)
١	6402030	Sunshine Blue
Ĺ		

### \*POTTED FIGS\*

Figs are grown in 5.5"x 5.5" square pots (1.9 Liter). Heights are 24" to 36" with average around 30". Each fig is straight - tied to bamboo with Miracle Garden Tie. Each tree will have a picture tag of the variety tied to the bamboo prior to shipping. Trees will be going dormant or dormant and without leaves when shipped fall / winter. Available for Early Shipping with Berries in November. Loose loaded with bareroot trees on pool trucks otherwise boxed and shipped UPS/LTL. Figs are not guaranteed if damaged by temperature.

Complete information brochure on www.lecooke.com or ask your sales rep.



Note: If these potted plants are shipping in the winter, they are dormant. Without leaves, they look a lot less impressive. Unlike other growers, we want them to go dormant when they are supposed to so they do not go dormant on your customer in late spring or early summer and create a problem for you. They look great with their spring flush of new growth.

#### FLOWERING FRUIT TREES 43

Malus	(Flo	werin	g Cr	abap	ple)				7711											19.77	HE CO.			Α	TTRI	BUT	ΓES -	ICO	NS
			Price	Group	A						Pr	ice Gr	oup B					Dis	ease R	esista	nce								
Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"		Cod										
Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-10'	Spec.	Spec.	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-10'	Spec.	Spec.	] ,	E = Exc	allant									
10 RATE:					, NI-4				de Barbara Bara Las		41	1							= = Exc = = Fair			þ	aut	_ .	_				
20 RATE:									ublicly display									] (	G = Go	od		Certified	Tolerant	200 m	300		. 2	ä	
50 RATE:	<del>                                     </del>													P = Poc	r		Cer	뒽		er E	ing	olo	Clear	Ę					
VID	Name		Zone	Price Group	Height	Width	≎ = Su	itable fo	r Mild Winter Are		escript	ion						Scab	Fire- blight	Rust	Mil- dew	Virus	Droug	Spring	Summer Bloom	Weep	Fall C	Utility	Butter
1254230 °	Group S = Suitable for Mild Winter Areas  Massive bloomer with deep pink to red buds that open to spectacular white,											G	F	E	G	~		✓			~	· •	~						
1254252 ፡	Prairifire (M. Prairifire')  B 20' 20' One of t rounded red flow green.						d in app vers. Le		r buds imple,	are red reddish	and o	oen to on whe	single, n new	clear, p but ma	ourplist turing	า-	E	G	E	E	<b>~</b>		✓			✓ <b>∨</b>	· •	<b>✓</b>	
		Φ=													5/8"	& up ar	e in bu	ndles (	of 5.	No	orde	ers le	ss th	nan 5	per	variety.			

**Crabapple Disease Resistance:** Each portion of the country deals with different diseases. You need to select based upon the problems in your area. Don't be afraid of a stunning Crabapple that has a 'F' or 'P' if that disease is not a problem in your area.



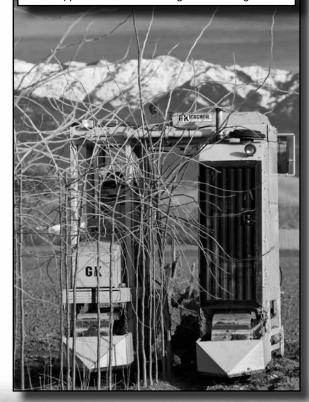
When the trees go dormant, the diggers get fired up and we begin hiring more help. Over the years we have custom built diggers and wore more than one out (and our backs using them).

Today we primarily use 3 GK Diggers built specifically for the nursery industry. The beauty of these machines are their ability to carefully lift the trees out of the soil and the rotating rocker bars in the back ramp shake off the dirt so trees literally are laid on the ground bareroot. Small crews now simply load them onto trailers. In the 'old days' much larger crews had to pull the trees loose from their undercut / up-lifted rows. It was back straining work. From a practical standpoint, avoiding one back injury can pay for a new digger.

The old diggers and large crews could dig 30 rows a day. These diggers and smaller crews can dig 80 rows a day. We still have some old diggers around - just in case.

These diggers are amazing to watch. We have some video on our website if you are interested.

Gleditsia (Honeylocust) are one of the first to go dormant each year. Here a row is about to be dug with the snow capped Sierra Nevada range in the background.



### 44 FLOWERING FRUIT TREES

# The Cooke Book® - Recipes for Success

	FLOOR OF THE PROPERTY OF THE P	OWERING	CH	IERR	IES							3.79		100						
Drunue	(Flowering Cherries [Sakura] - Low Bud)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"		ŧ_			BUTE			
	e are budded at the ground and brought up as a single trunked tree.	10 RATE:		NI-4	Duine			     -		l 	ا داد		8	erar	: <u> </u>	E O		a		
	Aild Winter Varieties suitable for areas like So. California & So. Texas, etc.	20 RATE:		Note: ternet									Certified	길일	owir	읦	D 2	Siz	lear	
	≈ = On Mazzard Cherry Rootstock	50 RATE:	_ ""	ıcı ilet	- 101 6	solabi ı	ısııcu	ilui Si	- -	1510III •	CIS 01	пу. —	SC	ugh	t G	lane	pin 2	g g	C	ls Is
≎1259025≈	First Lady (Prunus 'First Lady')  A profuse bloom of single, dark rose-pink flowers in early spring. Red calyxes bloom ornamental color for three weeks after the flowers drop. Flowers give w dark red drupes eaten by birds. Glossy dark green leaves. Parents of this hyl 'Okame' and P. campanulata. Grows to 20-30' tall with an upright, almost columnly 14' wide. Does well in mild winter areas too. Cold hardy to USDA Zone 6	provide post- ay to small brid are P. Imnar habit of		Limited				Limited	Limited				Virus	Drought Tolerant	Fas	Sun	Wee		✓ Offili	Birds
1259030≈	<b>Kwanzan</b> (P. serrulata 'Kwanzan') Very showy large double pink flowers are in clusters. Beautiful vase shaped s Height: 30 ft., spread: 20 ft Cold hardy to USDA Zone 5.	tructure.							Limited	Limited				~	,		~	\\\\		
1259040≈	Mt. Fuji - Shirotae (P. serrulata 'Shirotae') Early, double white fragrant flowers, aging to a purplish-pink. Horizontal habit, the best white blossoms of the flowering cherries. Grows to a height of 15-20 of 20-25 ft. Cold hardy to USDA Zone 5.								Limited	Limited			<b>✓</b>	✓				~	<b>✓</b>	
<b>○1259052≈</b>	Okame (P. 'Okame') (P. campanulata x P. incisa) 200-300 hours winter chil One of the most striking and desired flowering cherries. An upright branching tree. Foliage is a finely textured attractive dark green, changing to shades of to orange-red in the fall. When in bloom, it is covered with a profuse display of flowers. The tree blooms early, but long. Does well in mild winter areas. Group 25 ft. and spread of 20 ft. Cold hardy to USDA Zone 5.	oval shaped yellow-orange f clear pink							Limited	Limited			~	~			~	· •	~	
°1259053≈	Pink Cloud (P. serrulata 'Pink Cloud') Bright single pink flowers completely cover the tree. Medium growing, willow upright tree. Does well in mild winter climates. Grows to a height of 15-20 ft. 15-20 ft. Cold hardy to USDA Zone 8.								Limited	Limited			<b>✓</b>	~				<b>✓</b>	<b>~</b>	
≎1259070≈	Taiwan (P. campanulata)  A small, deciduous tree with dense branching, a graceful, spreading habit. Th smooth and reddish brown. Dark magenta-pink, bell-shaped flowers, about ar appear in profusion before the leaves in early spring. They are borne in 2-6 in and are very showy. The fruit is a small cherry, about an 1/8" in diameter, ripe The leaves of the tree turn bronze in the fall. Does well in mild winter climates height of 18-25 ft. and spread of 18-25 ft. Cold hardy to USDA Zone 8.	e bark is n inch long, ich clusters, ning to black.						Limited	Limited					~			~	· /	<b>✓</b>	
	Add \$.60 per tree for bundle	es of 5 in sizes	1/2" oı	smalle	r or co	rrespor	nding h	eight.	5/8" 8	up ar	e in bur	ndles c	f 5.	No o	rder	s les	s tha	n 5 p	er va	ariety.
Prunus	(Flowering Cherries [Sakura]- Weeping - Low B	ud)		Ca	aliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"						\		
	(Weeping branches starting at 24-30" from the ground)	(Tied in 5's	)	5	RATE:								ĺ			1	6			
the w	ave become big fans of the low budded weeping cherries where the branches a ay up the trunk. Maybe not quite as formal a look as the top worked, but a muc	h more massiv	e	20	RATE:										1			1	ı	
bloon	ner and the branches also shade the trunk from sunburn in hotter or west facing	locations.	_	50	RATE:										1	18	M	( h)		
1259064≈	Snow Fountains® (P. x cv. 'Snofozam') A beautiful weeping cherry. In spring, gracefully cascading branches are cover the appearance of a fountain of snow. Lush green summer foliage turns to low autumn. Grows to a mature height of 6-12 ft., spread of 6-12 ft. Cold hardy to A Lake County Nursery "Zam" introduction.  ≈ = On Mazzard Cherry Rootstock See To	red with single rely hues of ora	white fange an	nd gold	giving in					Limited	Limited		✓	~					✓	<b>/</b>
	~ - On wazzaru Cherry Nooisiock See 10	p Graneu Cilei	HES OF	r raye	<del>1</del> ∪.															

In hot climates with strong sun, the low budded flowering cherries provide shade for the trunk which helps prevent sunburn. Top grafted flowering cherries in the same climates often need whitewash on the trunks. Weeping Cherries can provide enough shade to protect the trunk after a few years in the landscape.

#### FLOWERING FRUIT TREES 45

Caliper:	5/8	3/4	1"	11/4"	11/2"	174			1 .	ATTRI	DUI	E3 -	ICO	12
3 & 5 RATE:	ľ	Note:					' . <b>'</b>	d ant	_	_   E				
20 RATE:	Т					-	-	tifie Toler	000	wing 3loor		r Size	ğ	
50 RATE:	esta	blishe	d nur	sery o	custor	mers	only.	ē ē	g BI	Gro	ping		Ö	Ę,
	Limited					Limited	Limited	Virus	Sprir	Fast	Wee			Butte
aa op. oaa								<b> </b>	$  \checkmark  $			-   ✓	$  \cdot  $	
give way to ame' and P. ell in mild	Limited	Limited	Limited	Limited	Limited				✓			✓ ✓	~	~
	Limited				Limited			<b>✓</b>	~			< <		
	Limited				Limited			<b>√</b>	~			~	~	
	Limited							✓	<b>~</b>			~	~	
	2 Yoshino th and spread  rly spring. give way to ame' and P. vell in mild om.  st white A Zone 5.	2 Yoshino Inited Limited Ply spring. Give way to came' and P. Well in mild om.  Limited Limited Limited Limited Ply Spring. Limited Limited Ply Spring. Limited Ply Sp	50 RATE: established EYoshino Introduction and spread  Ity spring. Give way to ame' and P. Ity lell in mild om.  Limited  Limited	established nur  e Yoshino thit and spread  cly spring. give way to the ame' and P. yell in mild om.  Limited  Limited	established nursery of the established nursery o	established nursery custor  eYoshino int and spread  Limited Limited Limited Limited Limited Limited Limited om.  Limited Limi	Syoshino Itimited	Syoshino ht and spread Limited Limited Limited Limited Limited Limited Comments only.  Limited Limited Limited Limited Limited Limited Limited Limited Limited Comments only.  Limited Limited Limited Limited Limited Limited Limited Limited Limited Comments only.	established nursery customers only.  Yoshino int and spread  Limited Limited Limited Limited Limited Limited Community and P. Vell in mild om.  Limited Limited Limited Limited Limited Limited Community and P. Vell in mild om.  Limited Limited Limited Limited Limited Limited Community and P. Vell in mild om.	In the and spread Limited Limi	Syoshino Introduction and spread Interest of the Azone 5.  established nursery customers only.   O   I   I   I   I   I   I   I   I   I	established nursery customers only.  Yoshino int and spread  Limited L	established nursery customers only.  Yoshino int and spread  Limited L	Syoshino Introduction and spread Interest of the Azone 5.  established nursery customers only. System of the product of the pr

Prunus	(Flowering Cherries [Sakura]- Weeping - Top Grafted)	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"	#2					
	Snow Fountains® (P. x cv. 'Snofozam') (Add \$1.10 royalty) A beautiful weeping cherry. In spring, gracefully cascading branches are covered with single white		Limited				Limited								
1259562≈ (5' Std)	flowers giving the appearance of a fountain of snow. Lush green summer foliage turns to lovely hues of orange and gold in autumn. Grows to a mature height of 6-12 ft., spread of 6-12 ft. Cold hardy to USDA Zone 4. A Lake County Nursery "Zam" introduction.		Limited						Limited		<b> </b>		<b>✓</b>	<b>✓</b>   <b>✓</b>	

≈ = On Mazzard Cherry Rootstock

See Low-Budded Cherries on Page 44.

The L.E. Cooke Co currently maintains a scion wood orchard covering 72 acres and contains over 26,000 computer records covering every tree, shrub and vine. Before we ever cut propagation wood or buds off a tree, it is verified true to name. Every winter the majority of trees are heavily pruned to force vegetative growth for the juvenile wood necessary for the propagative material. We do not depend upon cutting from commercial orchards or from the production nursery. Chances of introducing error is too great doing it that way.

The costs of maintaining these orchards are enormous but part of our commitment to Excellence.

### 46 FLOWERING FRUIT TREES

# The Cooke Book® - Recipes for Success

		On Flowering Peaches, prune	Caliper:	5/16	3/8	1/2	5/8 3/4	1"	11/4"	11/2"	13/4"	2"				TRIB	_		CON	S
	persica ing Peaches)	after bloom for good show of flowers the following year.	10 RATE: 20 RATE:				are not p						Certified	lerant	E Bu	mod		o l		
	,		100 RATE:	IIILE	emet -	ioi e	stablished	nurse	ry Cu	Stome	ers orni	y.	iri	의	<u> </u>	[품] ,		Size	. <u> </u>	
1256005-	Helen Borchers Spectacular double pi Holds blooms up to 3 weeks. Late bloor a good choice for frost prone areas. Also	ning avoids many frosts and makes it o does will in mild winter areas such	Chilling Hours	Limited	Limited					Limited			Virus Ce	Drought	Spring Broom Fast Growing	Summer	Fall Col	Garden Size	Utility C	Birds
	as Southern California. Grows to a heighardy to USDA Zone 6.	ht of 20 ft. and spread of 20 ft. Cold	4-500										✓	v					✓	
1256015+	Pink, Early Double Spectacular, large hours required. One of the earliest of all suitable for mild climate winters. Grows ft. Cold hardy to USDA Zone 8.		300	Limited	Limited								✓	v				<b>✓</b>	✓	
1256025+	Red, Early Double Magnificent, larg flowers. Low chill. Very early bloom is u Chinese New Year celebrations. Grows ft. Cold hardy to USDA Zone 8.		300	Limited						Limited			<b>✓</b>	v				<b>~</b>	<b>/</b>	
1256035-	Red, Late Double Spectacular displemakes it a good choice for frost prone are spread of 20 ft. Cold hardy to USDA Zor		5-600		Limited				Limited				<b>√</b>	v				~	✓	
1256045-	Variegated (Peppermint) Very show striped, double flowers. Sometimes will on the same branch. Flowers in mid spr spread of 20 ft. Cold hardy to USDA Zon	ing. Grows to a height of 20 ft. and	5-600		Limited				Limited				<b>✓</b>	v				<b>✓</b>	<b>✓</b>	
1256055+	White, Early Showy, large, semi-dou of the earliest of all flowering peaches m areas. Grows to a height of 20 ft. and sp Zone 8.		300		Limited									V				<b>✓</b>	✓	
1256065-	White Icicle, (Late) Spectacular, larg makes it a good choice for frost prone ar spread of 20 ft. Cold hardy to USDA Zoo		5-600		Limited				Limited				✓	•				<b>✓</b>	✓	

**Prunus persica (Fruiting & Flowering Peaches)** 

Dwarf Bonfire (PAT. #8509), Dwarf Flory	See Patio Trees (Natural Dwarfs) on page 33
Red Baron, Saturn	See Peach Trees on page 24

- = On Lovell Peach Rootstock + = On Nemaguard Peach Rootstock

Most fruiting Nectarines and a number of fruiting Peaches have very attractive flowers giving you two seasons - a showy spring season and a delicious summer season. On the fruit pages, look for the "Flowers" attribute check box.

#### Did you know?

In 1958 the L.E. Cooke Co. developed "Miracle Garden Tie", the green tie tapes now used throughout the nursery and agricultural industries for tying and training trees, shrubs and vines.





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### FLOWERING FRUIT TREES 47

Prunus	cerasifera (Flowering Plums)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"			AT	TRIB	JTE	S - IC	SNC	
Low He	ads Topped at 42" for branching at 30-42"	Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.		Ħ						
	Blireiana (P. x blireiana) Amazing Spring display of double pink flowers. The best bloomer of the flowering plums. Foliage starts as reddish-purple turning to greenish-bronze in summer. Vase shaped. Mature height 20 ft., spread 20 ft. Cold hardy to USDA Zone 5.	10 RATE: 20 RATE: 100 RATE: (Add \$.30	— int						y disp ery cu				Virus Certified	Drought Tolera	Fast Growing	Summer Bloom	Fall Color	Garden Size	Butterfly	Birds
	05DA 2016 5.	to list)	Lillileu	Lillileu				Limited					<b>✓</b>	~				✓ ,		
1258060*:	<b>Krauter Vesuvius</b> (P. cerasifera 'Krauter Vesuvius') Upright, oval form. Darkest foliage (blackish purple) of any flowering plum - he all summer. Light pink blossoms adorn the tree in spring. Tree produces very especially in mild winter areas. Mature height is 20 ft. with a spread of 15-20 ft to USDA Zone 6.	little fruit -								Limited	Limited	Limited	~	v	,			<b>/</b> ,	/	
1258050:	<b>Thundercloud</b> (P. cerasifera 'Thundercloud') Numerous single, light pink flowers. Dark purple foliage, holds color all summe height is 20 ft. with a spread of 20 ft. Cold hardy to USDA Zone 5.	er. Mature		Limited				Limited	Limited				~	•				/,		
High He	ads Topped at 6 ft. for branching at 5-6'	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"								
	Krauter Vesuvius (P. cerasifera 'Krauter Vesuvius')	10 RATE:																		
1258061*:	Upright, oval form. Darkest foliage (blackish purple) of any flowering plum - holding its color all summer. Light pink blossoms adorn the tree in spring.	20 RATE:																		
1256001.	Tree produces very little fruit - especially in mild winter areas. Mature height	50 RATE:																		
	is 20 ft. with a spread of 15-20 ft. Cold hardy to USDA Zone 6.									Limited	Limited	Limited	<b>✓</b>	~				V ,		
1258051:	<b>Thundercloud</b> (P. cerasifera 'Thundercloud') Numerous single, light pink flowers. Dark purple foliage, holds color all summe height is 20 ft. with a spread of 20 ft. Cold hardy to USDA Zone 5.	er. Mature											✓	•				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"								
Natural	Dwarf Flowering Plum	10 RATE:																		
Low He	ads Topped at 36" for branching at 24-36"	20 RATE:																		
		50 RATE:											Ь.		_					
1108010:	Purple Pony® (P. cerasifera 'Purple Pony') Outstanding purple foliage that holds its color from spring to leaf drop. Observed since 1962 and believed to be sterile. Estimated height at full maturity 10-12 ft. Has single pale pink bloom. Cold hardy to USDA Zone 5.	(Includes \$.50 royalty)	Limited										<b>~</b>	v				< ,		
Natural	Dwarf Flowering Plum	10 RATE:																		
		20 RATE:																		
High He	ads Topped at 5 ft. for branching at 4-5'	50 RATE:																		
1108011:	Purple Pony® (P. cerasifera 'Purple Pony') Outstanding purple foliage that holds its color from spring to leaf drop. Observed since 1962 and believed to be sterile making this an ideal tree fo along sidewalks. Estimated height at full maturity 10-12 ft. Has single pale pink bloom. Cold hardy to USDA Zone 5.												~	v				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Prunus	(All others not listed above)	10 RATE:																		
	mexicana (Mexican Plum)	20 RATE:																		
1258025∞	Native tree from Missouri to Texas that sets the woods ablaze in late winter	50 RATE:																		
	with splashes of white blooms. Medium sized tree approximately 25 ft. high, 20 ft. wide. Exfoliating bark. Fruit in September is tart and makes fine jellies. Attracts butterflies and birds. Cold hardy to USDA Zone 6.		Limited											•				<b>/</b>		<b>✓</b>
-	* = On Mariana 26-24 Plum Root := On Myrobalan Plum Root •	= On Own R	oot																	

### 48 FLOWERING FRUIT TREES

# The Cooke Book® - Recipes for Success

Dyrue /	Flowering Pear) (Whips)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		in l		TRIE		ES - I	СО	NS
yrus (	i lowering real (willps)	Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-10'	Jumbo	Jumbo	Jumbo	Jumbo	fied	Drought Tolerant	E g	Summer Bloom		a		
	calleryana 'Aristocrat®' (Whips)	10 RATE:				1							Certified	일	SWi Bloc	l B	ا م	Size	Clear	>
	Superior introduction! Fast growth to the vertical branching habit resulting in	20 RATE:								layed			O sr	dgn.	Spring Bloom Fast Growing	mre .	Weeping	ge	Utility Cl	Butterfly
1258520ΩΦ	a strong pyramidal form. Large, very handsome, glossy green leaves with wavy margin. Brilliant purple-red in the fall in colder areas. Profusion of white	100 RATE:	— ini	emei	- 101	estabi	iisnec	i nurs	ery cu	ustom	erso	illy.	Virus	5 C	Spr	Sun :	Me We	Gar	E E	But
	blooms in early spring. Height to 40 ft., spread to 28 ft. Cold hardy to USDA Zone 5.	(Add \$.80 royalty)											<b>✓</b>		<b>✓</b>		~	/ /		
1258525Ωß	calleryana 'Bradford'  Snowy white flowers, bronze-red fall foliage. Excellent for street planting. Not recommended for areas where snow breaks branches. Self-non fruitful, not puregular pear varieties. Height to 35 ft., spread to 30 ft. Cold hardy to USDA Zo	ollinated by							Limited				✓		✓		~	<b>/ /</b>		
Dyrue /	Flowering Pear) (Branched)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"								
yrus (	Flowering Pearly (Branched)	Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-10'	Jumbo	Jumbo	Jumbo	Jumbo								
	calleryana 'Aristocrat®' (Branched)	10 RATE:																		
	Superior introduction! Fast growth to the vertical branching habit resulting in	20 RATE:																		
1258521Ω	a strong pyramidal form. Large, very handsome, glossy green leaves with	100 RATE:											<b>✓</b>		<b>✓</b>		~	′ 🗸		
	wavy margin. Brilliant purple-red in the fall in colder areas. Profusion of white blooms in early spring. Height to 40 ft., spread to 28 ft. USDA Zone 5.	(Add \$.80 royalty)		Limited	Limited	Limited	Limited	Limited	Limited	Limited	Limited	Limited								
1258522Ω	calleryana 'Autumn Blaze' A notable feature is its beautiful, very early, bright red fall color. Abundant whit blossoms. One of the hardiest of Calleryana pears yet also colors well in mild regions. Leaves glossy green. Size 30 ft. tall by 25 ft. wide. Cold hardy to US	climate	Limited						Limited				<b>✓</b>		✓		~	<b>/</b>		
258524Ωß	calleryana ' <b>Bradford</b> ' (Branched) Snowy white flowers, bronze-red fall foliage. Excellent for street planting. Not recommended for areas where snow breaks branches. Self-non fruitful, not pregular pear varieties. Height to 35 ft., spread to 30 ft. Cold hardy to USDA Zo				Limited					Limited	Limited	Limited	<b>✓</b>		✓		~	<b>/</b>		
1258523Ω	calleryana 'Holmford' ( <b>New Bradford Flowering Pear</b> ) Snowy white flowers; very early bloom, orange-red fall foliage. It has upsweeping branches, more erect form of the species, better structure and strength. Dense symmetrical crown, narrow in youth, becoming quite round with age. Excellent for curb-side planting. 30 to 35 ft. high and 30 feet wide. Cold hardy to USDA Zone 5.	(Add \$.80 royalty)		Limited					Limited				✓		✓		~	<b>/</b>		
1258528Ω	calleryana ' <b>Capital</b> ' A sport of the Bradford Pear. Has a more narrow crowne either Bradford or Whitehouse. Capital is thornless, has abundant spring flowe summer foliage and bright purple-red autumn foliage. Height to 35 ft., spread thardy to Zone 5.	ers, attractive		Limited					Limited				✓		~		~	<b>/</b>		
1258526Ω	calleryana 'Glen's Form' ( <b>Chanticleer® Flowering Pear</b> ) The growth habit is dense, narrowly pyramidal and evenly branched with crisp, glossy green foliage. New growth shows a reddish tint. It has a heavy abundance of single white flowers in spring and outstanding reddish-orange to purple fall color. It reaches a height of 30-35 ft. and a spread of 15-18 ft. Cold hardy to USDA Zone 5.	(Add \$.90 royalty)								Limited			<b>√</b>		<b>/</b>		v	<b>/</b>		
1258529Ω	calleryana 'Cleveland Select' Upright & dense growth habit. Glossy dark grewith brilliant orange color in fall. Approximate mature height is 30 ft., spread 15-18 ft. Cold hardy to USDA Zone 5.	en in summer								Limited			✓		<b>✓</b>		•	<b>/</b>		
	$\beta$ = On Betulifolia Pear Rootstock $\Omega$ = On Callerya	na Pear Roots	tock	Σ = (	On Dor	nestic F	Pear R	ootstoo	k 4	D = On	Winte	r Nelis	Pea	ır Ro	otsto	ck				

Reminder: Prices will <u>not</u> be increased for changes we make after original confirmation, except for preferred sizes. "WANTS" filled at a later date will be at listed price for size confirmed.

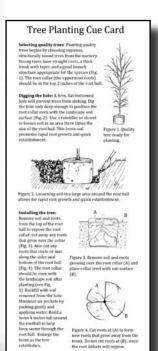


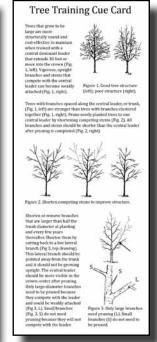
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articles that might be of interest to you.

## The Cooke Book®- Recipes for Success | FLOWERING FRUIT TREES 49

							100		100								170			
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		nt		TRIB	-	- IC	ONS	
		Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-10'	Jumbo	Jumbo	Jumbo	Jumbo	<u>ie</u>	Tolera		mo		υ.		
Pyrus (	Flowering Pear) (Branched) (Continued)	10 RATE:		) N.I4	D.:						41-	_	] Jii Jii	티		[월]	o o	Siz	٧   رَوْ	
		20 RATE:		Note: ternet									Virus Certified	Drought	Spring broom Fast Growing	nme	Color	Garden Size	Butterfly	ş
		100 RATE:	_ ""		- 101 (	ะอเลม •	1121160	ı nurs	Ciy Ci	ມຣເບເາເ •	- -	ıııy. — '	] <u>ڄ</u>	2 2	Fas Fas	Summer Bloom	Fall	Gar	But	Biro
1258538Ω	calleryana 'Jaczam' (Jack® Flowering Pear) Dwarf growing ornamental tree, maturing to half the size of the species. Excellent for use where space is a consideration. Streamlined semi-upright form is very compact producing a crown that always looks like it's been trimmed. Bright white spring bloom, dark green glossy foliage. Brilliant, glossy, crimson-red fall foliage. 3/4" yellow-green fruit. Height 15-20 ft., spread 10-12 ft. Cold hardy to USDA Zone 5.	(Add \$1.05 royalty)					Limited							,				√ v	(	
1258527ß	betulifolia "Southworth' (Dancer™ Flowering Pear) (PAT. #7033) Foliage emerges as silver-gray but soon matures to a shining light green color. Leaf petioles are extensive and flexible, causing the leaves to 'dance' in the wind. Abundant white flowers with bright purple-red stamens that open three weeks later than Bradford. Most fireblight resistant of the flowering pears. Medium sized tree. Height to 25 ft., spread to 18-20 ft. Cold hardy to USDA Zone 5.	(Add \$1.00 royalty)		Limited					Limited				<b>~</b>	,				✓		
1258530Ω	calleryana 'Redspire' This is a tightly pyramidal tree with larger and more abundant white flowers tha Fall color is yellow to red. Excellent appearing tree for lining streets and garde reaches 30-35 ft. high with a 25 ft. spread. Cold hardy to USDA Zone 5.								Limited				<b>~</b>	,			<b>✓</b>	✓		
	calleryana 'Stone Hill' - Use Cleveland Select - it is the same thing.												<b>V</b>	,			<b>✓</b>	✓		
	$\Omega$ = On Betulifolia Pear Rootstock $\Omega$ = On Calleryana Pear	r Rootstock	Σ = (	On Don	nestic F	Pear R	ootstoo	ck 4	) = On	Winte	r Nelis	Pear F	Roots	tock						



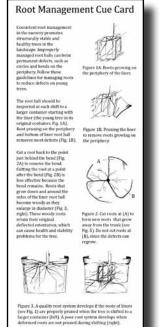


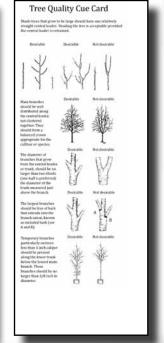
#### **Cue Cards**

The Urban Tree Foundation has created pocket sized Cue Cards in both English and Spanish covering important topics as:

> Planting Young Tree Pruning Root Management Nursery Tree Quality Guidelines.

They can be downloaded from their website: http://www.urbantree.org/cuecards.shtml





Acer (Maple) See Shades & Ornamentals for all Acer varieties - pages 55-56

Cercis (Redbud) See Shades & Ornamentals for all Cercis varieties - pages 59-61

Chilopsis (Desert Willow) See Shades & Ornamentals for all Chilopsis - page 62

Cotinus (Smoke Tree) See Shades & Ornamentals for all Cotinus - page 63

					MII	NIMUM	: 10 pe	er size	of 6" thro	ıgh 2'.	5 pe	r size 3'	& up.	_	ant	LABE	EL IC	ONS
ibiscu	s syriacus	(Althea -	Rose o	f Sharon)	Min. H	leight:	6"	9"	12" 1	8" 2	3'	4'	5'	Certified	Drougnt Iolerant	ပ်		
SHRUB F	ORM	•		Drought Tolerant	10	RATE:								Ser	Drougnt I	Flowers	lit Elies	
				3	20	RATE:								Virus (	gnc Swe		Fragrant Butterflies	Birds
		<b>USDA Zone</b>	Flower	Mature height 8-10 ft. with 6-8 ft. sprea	ad. 50	RATE:								اخ∣	2   5	Cit	ᇍ	Bi.
1301005	Aphrodite	5	Single	Large, pink flowers with prom	minent burgundy re	ed eye.								,	/ /		✓	
1301021	Blue Bird	5	Single	Magnificent blue fle							Limite	d		ŀ	/ /		✓	
1301075	Danica™	5	Double	Stunning Picotee blooms - like white Car	rnations dipped in r +\$0.50 Rر		Limited							NA,	/ /		✓	
1301043	Minerva	5	Single	Large, ruffled, lavender-pink flower	ers with magenta re	ed eye.					Limite	d		l - Ŀ	/ /		✓	
1301055	Red Heart	5	Single		lowers with ruby re						Limite	d		∟	/ /		✓	
1301070	Woodbridge	5	Single	Orchid pink flowers with scarlet red eye wi	vith large creamy st	tamen.					Limite	d		٠	/ /		✓	
1:1-:		/T A 141	<b>T</b>	an Dana of Ohaman)		IIMUM:	No Orc	ders Le	ss than 5						1	3/2	100	2
IIDISCU	is syriacus	(Tree Aiti	nea - Tr	ee Rose of Sharon) Drought To	Tolerant Ca	aliper:	3/8	1/2	5/8 3	/4 1	" 1¼"	11/2"	13/4"		4			3
LOW HEA	.DS (Starting at 2	½ feet)			5	RATE:	- No	te: Pr	ices are	not p	ublicly	display	ved		14	7	35	3
	( ) ( )				20	RATE:			ernet -						C			*
		USDA Zone	Flower		50	RATE:				omers					1	1	-	
1301505	Aphrodite	5	Single	Large, pink flowers with prom	minent burgundy re	ed eye.			Lir	nited Lim	ited			,	/ /		✓	
1301518	Blue Bird	5	Single	Magnificent blue flo	lowers with purple	throat.			Lir	nited				,	/ /		✓	
1301535	Coelestis	5	Single	Large, lavender pink flowers	s with crimson red	throat.			Lir	nited					/ /		✓	
1301575	Danica™	5	Double	Stunning Picotee blooms - like white Can	rnations dipped in r (+\$0.50 Re					Lim	ited			ΝN,	/ /		✓	
1301525	Diana	5	Single	Very large, pure white flowers are 3	3"-5" or more in dia	meter.				Lim	ited				/ /		✓	
1301543	Minerva	5	Single	Large, ruffled, lavender-pink flower	ers with magenta re	ed eye.				Lim	ited			,	/ /		✓	
1301555	Red Heart	5	Single	Pure white fl	lowers with ruby re	ed eye.			Lir	nited					/ /		✓	
	<b>DO</b> (O) 11 1 1	5 1)			5	RATE:												
HIGH HEA	NDS (Starting at 4	· teet)			20	RATE:												
		<b>USDA Zone</b>	Flower		50	RATE:												
1301506	Aphrodite	5	Single	Large, pink flowers with prom	minent burgundy re	ed eye.			Lir	nited				١,	/ /		<b>✓</b>	
1301519	Blue Bird	5	Single	Magnificent blue fle	lowers with purple	throat.			Lir	nited					/ /		<b>✓</b>	
1301576	Danica™	5	Double	Stunning Picotee blooms - like white Car	rnations dipped in r (+\$0.50 Re					Lim	ited			Α/N	/ /		<b>✓</b>	
1301544	Minerva	5	Single	Large, ruffled, lavender-pink flower					Lir	nited					/ /		<b>✓</b>	
1301556	Red Heart	5	Single	Pure white fl	lowers with ruby re	ed eye.	Limited	Limited	Limited Lir	nited				Į,	/ /		✓	
				Hibiscus syriacus practically sells i	itself while it is	bloom	ning a	ıll sun	nmer									

Morus (Mulberry) Fruiting varieties see page 18. For all other Mulberries see Shade & Ornamental section - page 67

Prunus	(Tree forms - see pages 44-47)	MINIMUM	И: 10 p	er size o	of 6" the	rough 2	2'.	5 per	size 3	& up.		<u>+</u>	LABE	LICO	NS
7.0	granatum (Flowering Pomegranate) - Shrub Form Drought Toleran	Min. Height:	6"	9"	12"	18"	2'	3'	4'	5'	Certified	Drought Tolerant	ဖွ		
		10 RATE:									Sert	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Fragrant Butterflies	흔
1205500	Mardi Gras Flowering Pomegranate - Shrub Form	20 RATE:									) sn	dgnc		te d	န္မ
1305560	Very large orange-red blossoms from late spring through early summer. Mature height and width 8-10 feet. Cold hardy to USDA Zone 7B. From the collection of Herbert Kelly Jr.	50 RATE:									Virus		리하	휘圗	Big Fa
				Limited							N A	✓ v			
Salix (V	Villow) See Shade & Ornamental section for all Salix varieties a	nd forms	- pag	je 70.											
	LILACS	MINIMUM:10	per siz	ze of 6" t	to 12"		5 per	size 18	3' & up.						
		Min. Height:	6"	9"	12"	18"	2'	3'	4'	5'					
Syringa	Ask your sales representative to see our colorful Lilac Poster	10 RATE:		5		ı			·		1 I	-	-		
	All Lilacs Cold hardy to USDA Zone 3 unless otherwise noted.	20 RATE:		Note: P											
6	All Eliacs Gold Hardy to GGBA Zone 3 difference noted.	50 RATE:	Inte	ernet -	tor es	stabils	snea	nurse	ery cu	stome	ers	oniy	•		
1303050∞	vulgaris (Common Eastern) (seed grown)	Mid								Limited	A/N		/ /	/ /	
1000000	This is the "Old Fashioned Lilac" everyone remembers at Grandma's house.	Season									Z	1			+
Syringa	vulgaris (French Hybrid Lilacs & more)	10 RATE:													
-,		20 RATE:													
	BLUE (Color class 3)	50 RATE:												$\perp \! \! \perp \! \! \! \perp$	4
1304074∞	President Lincoln  Mature height: 8-10 ft., spread 10 f Claimed to be the best single blue lilac. Large compound clusters of single Wedgewood blue flowers Vigorous, vase shaped plant. Very fragrant.	- Pariv to iviid	Limited				Limited				N/A	·			
	PINK (Color class 5)				•										
1304044∞	<b>Katherine Havemeyer</b> Mature height 10 ft., spread 6-8 ft One of the best French Hybrid Lilacs. Large, lavender-purple, double buds have very tight panicles opening to soft lilac pink. Abundant blossoms on a small to medium shrub. Florets have wide petals which are twisted & irregular, giving a slightly double effect.	Early to Mid						Limited			A/N	v	· .	/ /	
	RED/MAGENTA/PURPLE (Color class 6 & 7)														
1304011∞ρ	Burgundy Queen™ Mature height 10 ft., spread 6-8 ft Burgundy red, single flowers in large conical clusters. Similar to Monge but blooms earlier and growstaller.	- Pariv to iviid	Limited									~	· .	/ /	
1304048∞	Ludwig Spaeth  Mature height 6-10 ft., spread 6-8 ft Lilac perfection. Very large panicles of deep, small purplish-red blooms. Most popular of the deep purples and considered the best of its class. Blooms mid to late season.	Mid to Late Season					Limited					v	· ·	/ /	
1304064∞	<b>Monge</b> Mature height 6-8 ft., spread 6-7 ft Single, deep rich red-purple. Large conical blooms. Very striking beauty and excellence. A compac medium grower.	וווווו					Limited				N/A	v	× .	/ /	
1304084∞	Sensation Mature height 10 ft., spread 6-8 ft Large trusses of stunning wine-red florets edged in white. Wonderful fragrance is a bonus. This lilac is great when used as a focal point.							Limited				•	· .	/ /	
1304098∞	Yankee Doodle Mature height 8 ft., spread 8 f Among the deepest and darkest of the purples. Profuse bloomer with large clusters of single, large flowers produced on an upright plant. Strongly fragrant.	t. Late Season	Limited				Limited					v	<b>/</b>		
∞ = On (	Own Root 0 = On Privet Root \$\frac{1}{2} = Suitable for Mild Winter Areas														

The assignment of varieties to certain color groups may be questioned. No two persons ever seem to agree on the exact color of a lilac variety. Flower color changes in different places, soils, climates, seasons, from hour to hour, as the flower opens and matures. The International Lilac Society color classes are used for our listings.

A lot of importance has been placed on whether a lilac is single or double, when actually from more than three feet away one can hardly tell the difference. It has very little to do with the quality of the bloom and plant. Some of the best lilacs are single.

II AC	S (Continued)	Ack you	r sales represent	tative to see our c	olorful Lilac Poster	MINIMUM:10	per siz	ze of 6"	to 12"		5 per	size 18	' & up.		+		LAB	BEL I	COI	NS
	(Continued)			SDA Zone 3 unless		Min. Height:	6"	9"	12"	18"	2'	3'	4'	5'	ied		S			T
						10 RATE:									Certified ht Tolera	.   gi	Wer	-	es	
yrınga	vulgaris (Fren	ch Hybrid	Lilacs & mo	(Continued)		20 RATE:									S C	Veri	윤	gran	e l	တ
	WHITE		(Color class 1)			50 RATE:									Virus	Flowering	Crt	Fragrant	Butt	Blra
304035∞ρ	Crystal White® (+\$.7 The most stunning white lasting blooms. Upright			d, fragrant flowers ir	ht 8-10 ft., spread 6-8 ft. n large panicles. Long	Early to Mid Season						Limited				~			✓	
1304045∞	Krasavitsa Moskvy "B A Russian introduction of white flowers. On the re	f unsurpassed b	eauty! Lavender-r	ose tinted buds ope	ight 10 ft., spread 6-8 ft. en to full, double, creamy	Mid Season					Limited				N/A	~	~	✓ ,	<b>✓</b>	
1304055∞	Madame Lemoine Double white large flower	ers in immense c	lusters. Vigorous		t 10 ft., spread 10-12 ft. nt, fragrant cut flower.	Mid to Late Season					Limited					~	✓	<b>,</b>	✓	
						10 RATE:		Nata	Drice		, 	اماناماد	ا مائم ما	اممیرما	, ; 4	_				
yringa	x hyacinthiflor	<b>a</b>		ື = Suitable f∘	or Mild Winter Areas	20 RATE:		Note:				-		-						
	BLUE		(Color class 3)			50 RATE:	— IIIL	ernet	- 101 6	ะอเสมเ	isi ieu	iiuise	ery Cu	ວເປກເ	, , O	ııy.				ĺ
1304013∞ ‡	Blue Boy Lavender-pink buds ope Southern California.	ning to blue flore	ets. Single flowers	Mature height. Early season bloo	ht 8-10 ft., spread 6-8 ft. m. Developed in	Early Season	Limited	Limited	Limited	Limited	Limited	Limited			N/A	<b>✓</b>	~	✓ ·	<b>✓</b>	
	LAVENDER/LILA	C/VIOLET	(Color class 2 8	k 4)																
304036∞ρ <b>∵</b>	Excel Single, light lavender flo some drought when esta	wer. A very early	bloomer that products	duces many large tr	10-12 ft., spread 8-10 ft. russes. Will tolerate	Earliest Lilac to Bloom						Limited			N/A	~	✓	✓ ,	<b>√</b>	
303535∞ρ <b>‡</b>	Lavender Lady Descar Beautiful, lilac-colored, f winter areas yet still colo	ragrant flowers ir		eveloped in Southe		Early to Mid Season	Limited					Limited				~	✓	✓ ,	<b>✓</b>	
1303560∞ <b>∵</b>	Sylvan Beauty Descan The flowers are typical I and the petals will flare hardy to USDA Zone 3.	lac color, a good				Mid Season	Limited	Limited	Limited	Limited	Limited	Limited				<b>✓</b>	✓	<b>√</b> ,	<	
	PINK		(Color class 5)																	
1303510∞ <b>‡</b>	California Rose Desca Tall, vigorous growing sl showy. Developed in So	rub. Flowers ar		panicles are small b		Early to Mid Season		Limited					Limited			~	✓	✓ ,	<b>~</b>	
304040∞ρ ☆	heavy fragrance. Excell hardy to USDA Zone 3.	ent heavy bloom	ing variety. This is	tems - perfect for c		Early to Mid Season	Limited					Limited			N/A	<b>✓</b>	<b>✓</b>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	✓	
1303530∞ <b>‡</b>	Dark Night Descanso F Darkest of the Descanso ing through to the foliage	Hybrid Lilacs.  The leaves ex	The flowers are a chibit a purplish cas	deep rose lavender st. A medium grow		Early to Mid Season		Limited				Limited				~	<b>✓</b>	<b>✓</b> ,	<b>√</b>	
	RED/MAGENTA/F	URPLE	(Color class 6 &	•																
1304069∞	then fading to an attract		or. Cold hardy to l	borne on large pani	0-12 ft., spread 10-12 ft. cles emerging purple	Early Season									AN N	<b>✓</b>	<b>✓</b>	<b>✓</b> ,	<u> </u>	
	WHITE		(Color class 1)																	
	I America Miletta December	Hybrid Lilac		Mature he	eight 10 ft, spread 6-8 ft.	Forb.												.		
303505∞p ‡	Angel White Descanso Single white flower. Dev drought when established	eloped in South		ow in mild winter a	reas. Can tolerate some	Early Season						Limited			N/A	✓	<b>✓</b>	· ,	✓	

Vitex (C	Chaste Tree) See	Shade & Ornamental s	ection for all Vitex - page						175	700	2000							
Wietoria	(Vine Form)	All L.E. Cooke Wisterias are budded	or grafted varieties, not seedlings.	MINIMUM: 1	<del> </del>	1	1	ıgh 2'	5	per size	e 3' & ι	·	- I	<u> </u>	LAB	EL IC	ONS	
	see page 54)	These wisteria are proven performer	s which usually bloom in your	Min. Height:		12"	18"	2'	3'	4'	5'	6'	tifie	<u> </u>	<u>S</u>			
		nursery for exciting sales. Seedling your customers since variability crea		10 RATE:	-					t publ			Certified	Flowering	Cut Flowers	ant	Birds	5
Drought tole	to USDA Zone 5 rant	none at all. Seedling Wisteria often	31	20 RATE:	_					ernet -		. —	Virus		병	ragr	irds	ر ا
	1			100 RATE:	е	stabli	shed	nurse	ry cus	stome	rs on	ly	>	э п	0	ш м	МП	-
1307910	brachybotrys `Shiro Kap Profuse white blooms ex	o <b>itan</b> plode in glorious spring splendor.  Par	nicles 12-15 inches long of thick white	White	Limited	Limited						Limited		/ /		✓		
	petals.			Mid Season														
4000070		Alba' (a.k.a. 'Shiro Noda' or 'Shiro Nag		White												_		
1308070		pure white flowers that cascade in sp bright green compound foliage.	ikes up to 4 long. Vigorous growing	Late Season	Limited							Limited	`		1	•	'	
	floribunda `Longissima	Kvushaku'		Mauve									N/A					Ī
1308185	Likely has the longest clu	uster length. Older plants can bear rac	cemes in excess of 6 ft long. Color is	Purple	Limited							Limited		/ /		✓	~	1
	mauve purple.			Late Season														
	floribunda `Violacea Pler			Double Purple														
1308160	, ,	buble purple blooms up to 18 inches lo	, , ,	Late Season	1	Limited						Limited	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<b>✓</b>		<b>√</b>	~	
		yal Purple) (Sometimes called Single											-		$\vdash$		++	H
1308159	Stunning spring display of	of single, dark purple flowers on long ra	acemes. Nice blotch of yellow in center	Purple	Limited	Limited						Limited				_		
1000100	Sometimes called 'Early- compared to other floribu	Maturing' W. floribunda because it flov	wers both earlier in life and season	Late Season		Limited						Lillinou						
	sinensis `Blue'			Blue											+			-
1308020	Impressive spring show	of large, beautiful purplish-blue flowers	s. Long racemes of fragrant flowers									Limited		<b>│</b> ✓	4	✓	~	
	cover this vine in early sp	oring.		Early Season									A/N		$\blacksquare$	-		4
1308030	sinensis `Caroline' Delightful spring display	of showy, purple blossoms. Long race	emes of fragrant flowers cover the vine	Purple	-							Limited		/ /		✓		
	in early spring.			Early Season														
1308050		' (Cooke's Special Purple™)	on long racemes covering vines in early	Purple												./		
1300030			ple blooms during the summer months	Early Season									`			•		
,	sinensis `Texas White'			White														
1308060	appear before leaves.	blossoms cover this vine in early sprin	ig. Showy, long, fragrant racemes	Early Season								Limited	`		1	<b>/</b>	'	
	sinensis x floribunda 'Ro	sea Beni Fuji' ( <b>Pink</b> )		Pink														Ī
1308040	Large beautiful clusters of sun. May not bloom first	of pink blossoms adorn this vine in ear	ly to mid spring. Blooms best in full	Mid Season	_							Limited	١   ١	<b>′</b>   <b>√</b>		<b>√</b>	~	
	venusta `Alba' (White Ve	· ·		White														$\dashv$
1308270	Flowers are white, very l	arge, and grow in short heavy clusters										Limited	,	<b>/</b>		✓	~	
		n to open in mid spring. Broad leaves	and silky leaflets.	Mid Season					del				-		$\vdash$			A
1308250	venusta 'Violacea' ( <b>Purp</b> Strongly scented, blue-vi	ie venusta) olet flowers adorn this lovely vine in ea	arly spring. Flower racemes reach	Purple			465		1	(a)(c)		Limited		/ /		<b>√</b>	•	/
	lengths of 12-18 inches.	·		Mid Season				YA	ME	4								
We	e continue to ma	arvel each spring when	we see the New I	Blue				A.	Let	16								

we continue to marvel each spring when we see the newly budded Wisteria sinensis throw a bloom first thing.

Wisteria bloom

It visually reinforces that these vines will also bloom in the nursery your first year - and that sells! Seedling just cut off

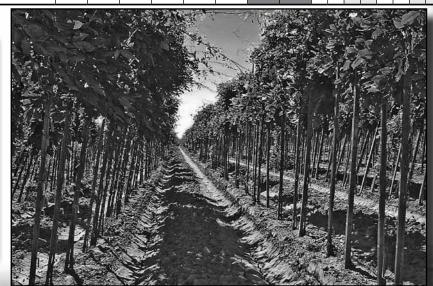
#### TREE FORM SHRUBS

# The Cooke Book®- Recipes for Success

DESCRIPTION OF THE PERSON OF T	TREE FORM WISTERIA	30.00		Tied	d in Bu	ındles	of 5		Marile 1		aut	L	ABE	Butterflies OI 7	NS	
187	TREE FORM WISTERIA	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4" 11	1⁄2" [€	le le		ည			
Wisteria	a (Tree Form) (Vine Form, see page 53)	5 RATE:		No	ote: P	rices	are no	ot pub	licly	A T	( <del> </del>	ing	owe -	ies	Birds	2
	(Tibo I offin) (Vine Form, acc page 60)	20 RATE:					he int					wei	T E	ter!	sp C	<u> </u>
Raised to 5'	STANDARDS Drought tolerant	50 RATE:	e	establ	ished	nurse	ery cu	stome	ers only.	į	:  <u>ă</u>	[윤]	의류	:   <u>B</u>	ığ [	5
1308770	floribunda `Longissima Alba' Impressive sight with the pure white flowers that cascade in spikes up to 4' long. Vigorous growing	White					Limited				<b>✓</b>	✓	~	,	,	,
	deciduous vine, displays bright green compound foliage.	Late Season										Ш		$\perp \perp \downarrow$	4	4
1308650	floribunda 'Violacea Plena' ( <b>Black Dragon</b> ) Long racemes of dark double purple blooms up to 18 inches long. Blooms later in spring typical of	Double Purple						Limited			<b>✓</b>	<b> </b>	<b>/</b>			
	floribunda varieties. The vine will often not flower when young. Blooms best in full sun.	Late Season										Ш		$\perp \perp$	4	
1308559	floribunda 'Violacea' (Royal Purple) Stunning spring display of single, dark purple flowers on long racemes. Nice blotch of yellow in center. Sometimes called 'Early-Maturing' W. floribunda	Purple									/		-	,		
	because it flowers both earlier in life and season compared to other floribundas.	Late Season														
1000-00	sinensis `Blue'	Blue														
1308520	Impressive spring show of large, beautiful purplish-blue flowers. Long racemes of fragrant flowers cover this vine in early spring.	Early Season									<b>√</b>				•	
1000500	sinensis 'Caroline'	Purple						l								
1308530	Delightful spring display of showy, purple blossoms. Long racemes of fragrant flowers cover the vines in early spring.	Early Season						Limited		Ž	¥					
1308550	sinensis `Cooke's Purple' ( <b>Cooke's Special Purple</b> ™) Impressive show of large, fragrant, beautiful purple blossoms on long racemes covering the vines in	Purple						Limited			<b>✓</b>	1				
1300330	early spring. <b>Summer Re-Bloomer</b> : continues to give smaller spikes of purple blooms during the summer months.	Early Season						Limited								
	sinensis 'Texas White'	White														
1308560	Bold and beautiful white blossoms cover this vine in early spring. Showy, long, fragrant racemes appear before leaves.	Early Season					Limited				<b>√</b>	<b> </b>	<b>\</b>		•	
4000540	sinensis x floribunda 'Rosea Beni Fuji' ( <b>Pink</b> )  Large beautiful clusters of pink blossoms adom	Pink														
1308540	this vine in early to mid spring. Blooms best in full sun. May not bloom first year planted.	Mid Season	1					Limited			'					
1308580	venusta `Alba' (White Venusta) Flowers are white, very large, and grow in short heavy clusters that open all at once. Very profuse	White						Limited			<b>✓</b>	1				
1300300	bloom when leaves begin to open in mid spring. Broad leaves and silky leaflets.	Mid Season						Limited							ľ	



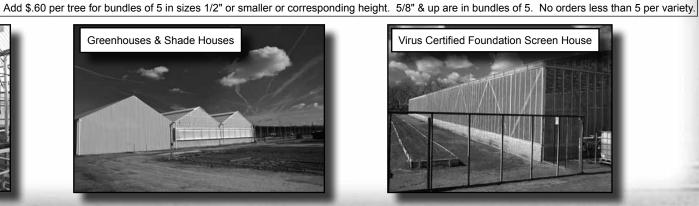
All L.E. Cooke Wisterias are budded or grafted varieties, not seedlings. These wisteria are proven performers which usually bloom in your nursery for exciting sales. Seedling wisteria can be disappointing for your customers since variability creates unknown bloom types or maybe none at all. Seedling Wisteria often take 3-7 years to first bloom.



### ORNAMENTALS & SHADES 55

			Tied	in 10's		Ti	ied in 5	's		Т	ied in 3	3's			AT	TRIB	UTES	- IC	ONS	
Acer (N	Maples)	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"		_	Т			$\top$		П
(		Approx. Ht:	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.	اي	ran	ے ا	E O				
Acer bu	ergeranum (Trident Maple)	10 RATE:											뺼		oo   š	Bloom	اے	Size	a	
	( and the state of	20 RATE:	1	Note:						-			Virus Certified	Drought Tolerant	Spring Bloom Fast Growing	Summer E	Color	len (	Utility Clear Butterfly	Birds
1405455	A very nice patio tree with a mature height of 20 to 25'. A favorite for bonsai. The usual fall color is red, but varies to orange and yellow. The growth habit	100 RATE:	int	ternet	- for e	establ	lished	nurs	ery cu	ıstom	ers o	nly. –	Jirus	Con	Sprir Fast	ung Vee	rvee Fall (	Garden	Suffe life	Sirds
1405455	is low and spreading, round headed. Prune for higher branching. Zone 5.	10010112.	WH	WH	WH&BR	BR	BR	BR	BR				N/A		"	0) 2	<u> </u>	<i>y</i> ,	7 111	
									Limited				Ż						<u>Щ</u>	Ľ
Acer x 1	freemanii		1		r	r	,	r		·		,								
	'Jeffersred' ( <b>Autumn Blaze</b> ®) (PAT. #4864)	10 RATE:																		
4.400000	A Red and Silver Maple hybrid. Has better branching habit than Silver Maple,	20 RATE:											H							
1409836	Fall color is brilliant red-orange. Mature height 50 ft. and spread up to 40 ft.	100 RATE:													*					
	Cold hardy to USDA Zone 3.	(Includes \$1.00 royalty)	WH Limited	WH Limited	WH&BR Limited	BR Limited	BR Limited													
	'DTR 102' (Autumn Fantasy®)	10 RATE:											Ϋ́							
	A Red and Silver Maple hybrid. Summer color resembles Silver Maple. In the	20 RATE:																		
1405402	fall the leaves turn a bright red on top with magenta pink on the back, even	100 RATE:											Ιİ		1		<b> </b>			1
	in mild climates. As fall progresses, top side of leaf darkens but underside remains magenta pink. Colors first year. Mature height 40-50 ft. and spread up to 40 ft. Cold hardy to USDA Zone 4.	(Includes \$.70 royalty)	WH Limited	WH Limited	WH&BR	BR	BR	BR Limited												
Acer pa	Ilmatum (Japanese Maple)	All Acer pa	almatui	ms tied	in 5's	Min. F	leight:	12"	18"	2'	3'	4'	Г							
						10	RATE:													
	Green Japanese Maple A landscape favorite. This green leafed Japanese Maple has fine textured foli	ane and a ligh	t airva	annears	ance	20	RATE:													
1405406	Upright and broadly spreading. Bold, orange-red fall color. Height to 20 ft., sp					100	RATE:						Ž				<b> </b>	<b>✓</b> \	<b>/</b>	
	Zone 5.			-				BR	BR	BR	BR	BR								
	'Bloodgood' 'Bloodgood' is the standard for comparison among purple lea	afed, tree form	Japan	ese Ma	ples.	10	RATE:													П
1409831	It reaches a height of 18 ft. with and equal width. The shape is upright, becompurple-red. Fall color is red. Hardy to USDA Zone 5.	ning broad with	age.	The foli	iage is					LT BR	LT BR		N/A				<b>✓</b>	<b>\</b>		
1405395	'Wolff' Emperor 1 (Red Emperor) Attractive dark red foliage turns brilliar blackish red bark. Well-suited for use as a small lawn tree. Better for colder cli					10	RATE:	EW!					N/A				/	✓ ,		
1400090	Maples since leaf buds open later in spring avoiding danger of late frosts. Col						for	2018		LT BR	LT BR	LT BR	z							
	dissectum 'Tamukeyama' New growth on this laceleaf maple is crimson re					10	RATE:													
1409877	leaves age. Fall color is bright scarlet. This old selection, first introduced in 1 popularity in the Sunbelt states as a superior clone for hotter climates. Mature Cold hardy to USDA Zone 5.									LT BR	LT BR		N/A				<b>✓</b>	<b>✓</b> ,	✓	
	1																			_







### 56 ORNAMENTALS & SHADES

# The Cooke Book® - Recipes for Success

V COR RIT	brum (Red Maple)		Tied i	in 10's		T	ied in 5	ō's		Т	ied in 3	3's			AT	TRIB	UTE	S - 10	CONS	3
Acer rui	bruin (Red Maple)	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	٦	Drought Tolerant		, E				I
	974	Approx. Ht:	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.	Virus Certified	le le	Spring Bloom Fast Growing	Summer Bloom		Size	ਯ	ı
	'October Glory®'	10 RATE:		Noto:	Drice		not n	امانامان	, dian	lovod	lin th		Ö	닐	E S	e E	weeping Fall Color	Su	Clear	
1409847	One of the few Red Maples adapted to mild winter areas and hot summer temperatures. Deep red to reddish-purple fall color. Summer foliage glossy,	20 RATE:					not p						Sn	gnc	ring St O	E		Garden	Utility Cle Butterfly	•
1403047	medium green. Broadly oval to round shape 40 ft. high, 35 ft. wide. Cold	100 RATE:	- Int	ernet	- TOT	estab	lished	nurs	ery cu	ıstom	ers o	nıy.	Ϊ	5	Sp	l Sul	Fa   Ka	Ga	3 3	í
	hardy to USDA Zone 5.	(Includes	WH Limited	WH	WH&BR	BR	BR Limited						N/A				~			
	'Sun Vallev' A U.S. National Arboretum bred selection.	\$.50 royalty)			<u> </u>								_	$\vdash$	+	+		H	+	-
NEW! for 2017	<b>'Sun Valley'</b> A U.S. National Arboretum bred selection. A Red Maple cultivar with exceptional, long lasting red-orange fall color.	10 RATE:											ł							
101 20	Excellent for lawn, street, highway, or park plantings and as shade trees for	20 RATE:			-								N/A				./			
1405458	residential sites. Medium green leaves in summer. Medium-sized deciduous	100 RATE:	10/11	10/11	MULODE	D.D.	BR						Ì				•			
	tree 21 feet tall, 10 feet wide at 10 years. No fruit produced. Cold hardy to USDA Zone 4.		WH	WH	WH&BR	BR	Limited													
Acer sa	ccharinum (Silver Maple)	10 RATE:																		
1001 00		20 RATE:			<u> </u>															_
	Silver Maple	100 RATE:			ļ															
1405445	Fast growing, graceful tree 50-60' high with 45' spread. Five-lobed leaves, light green on top, silvery beneath. Tolerates tough conditions. Needs ample	<u>_</u>	WH	WH	WH&BR	BR	BR	BR					N/A		✓		✓			
	space. Cold hardy to USDA Zone 3.		VVII	VVII	WIIODI	DIX	DIX	Limited												
	_	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"		П						
Albizia j	julibrissin (Mimosa-Silk Tree) Drought Tolerar	t Approx. Ht:	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.								
	(All Albiria's are Wilt Druf protecte	10 RATE:																		
	(All Albizia's are Wilt-Pruf protected	20 RATE:											N/A	<b> </b>		<b> </b> ✓			✓	
	Mimosa-Silk Tree (Tree Form) Beautiful lace leaf foliage. Fluffy pink	100 RATE:																		
#1400210	flowers from May to August. Size can vary in this seedling variety with heigh 20-35 ft. with a spread of 20-40 ft. Cold hardy to USDA Zone 6.	t	WH	WH	WH&BR	WH&BF	WH&BR	WH&BR Limited												
	,	Min. Height:	3'	4'	5'	6'	8'	10'												
		10 RATE:																		
#1400212	Mimosa-Silk Tree (Clumps)  Drought Tolerant	20 RATE:			Ì								N/A	1		V			<b>✓</b>	
	(3 or more stems)	100 RATE:											_							
		10 RATE:																		
#1400213	Mimosa-Silk Tree (Doubles)  Drought Tolerant	20 RATE:											Ν	1		V			<b>✓</b>	
	(2 stems)												_							
		Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	1¾"	2"	21/4"								•
		Approx. Ht:	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.								
	'E. H. Wilson' Drought Tolerant	10 RATE:											ا ا							
#1400270	More cold hardy than the typical species. Reportedly survives to -15° F. or USDA Zone 5b. Found by Ernest H. Wilson of the Arnold arboretum in Korea	20 RATE:			İ								N/A	1		<b> </b> ✓			✓	
	Light rose pink flowers. Height 35 ft. with a spread of 35-40 ft.	100 RATE:																		
			WH Limited	WH	WH&BR	WH&BF	WH&BR		WH&BR Limited											
	"Fan Silk' (Flame® Mimosa) Drought Tolerant		Limitod					Linitod	Limitod					$\vdash$					+	
#4.400000	Beautiful tree. Fluffy bright red flowers from May to August. Small, fern-like	(Includes	\A.".	1000	14/110 00	14/1/05			14/11000				[∢						<b>✓</b>	,
#1400230	leaves provide filtered shade. Grows to mature height of 30-40 ft. and sprea to 40 ft. Cold hardy to USDA Zone 6.		WH	WH	WH&BR	WH&BF	WH&BR	WH&BR	WH&BR				N/A							

Ash - see Fraxinus - pages 64-65

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

### ORNAMENTALS & SHADES 57

									700						-			70		
<b>Betula</b>	(Birch) (All Birch have Wilt-Pruf to prevent dehydration until established.)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"		2"	20	t L	A		IBUT		ICO	NS
		Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	11'-12'	12'+	12'+	g l	eral	و اع	, E		1		
	pendula (European White Birch) (Wilt-Pruf)	10 RATE:				ı	1		1			1	Certified	힏	8   §	읦		Size	ear	
1401440	Very attractive tree with white bark. Delicate and lacy appearance. Rich,	20 RATE:							y disp					ght	چا چا م	mer	jug .	징		(F)
1401440	green, glossy leaves turn to showy golden-yellow in the fall. Height to 40-45 feet and spread 20-25 ft. Cold hardy to USDA Zone 3, maybe 2.	100 RATE:	– ınt	ernet	- for e	estab	lished	nurs	ery cu	ustom	ers o	niy. –	Virus	Drought Tolerant	Spring Bloom Fast Growing	m,	Weeping	all	≢	Butterfly
	lieet and spread 20-25 ft. Cold hardy to OSDA Zone 5, maybe 2.	10010112.	BR	BR	BR	BR	BR	BR	BR	BR	BR	BR	N A N		" "	10)		+	13	٣
									1			Limited	Į≥l	$\sqcup$	4	₽!	Ш	4	4	Ш
	Conductor (Figure 2019 Milette Pinch Networld)	10 RATE:									-		<u> </u>							
1401420	pendula ( <b>European White Birch - Naturals</b> ) (Wilt-Pruf) Same tree as above except allowed to grow naturally crooked for special	20 RATE:											ΑX					//		
	landscape situations. Good tree with curves but without sharp crooks.	100 RATE:		BR	BR	BR	DD	D.D.	DD	BR	BR		Z							
							BR	BR	BR	BK	BK		$\sqcup$	Ш	4	4	Ш	4	4	Ш
			10's		ied in 5	ĭ		1	in 3's	1			. !							
		Min. Height:	2'	3'	4'	5'	6'	8'	10'	12'			<u> </u>							
1401442	pendula (European White Birch - Clumps) (Wilt-Pruf)	10 RATE:											₹					✓		
	(3 or more trunks)	20 RATE:		-									_							
		100 RATE:																		
		40 0 475							Limited				$\vdash$	$\vdash$	4	$\vdash$	$\vdash$	4	+	$\vdash$
	pendula ( <b>European White Birch - Doubles</b> ) (Wilt-Pruf)	10 RATE:							1											
1401443	(2 trunks) Note: Priced at nearly half the clump price so if clumps are sold	20 RATE: 100 RATE:											₽					✓		
	out, you might consider combining two doubles in its place.	100 RAIL.							Limited				<sup>-</sup>							
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	╙	$\vdash$	+	$\vdash$	$\vdash$	+	+	$\vdash$
		Approx. Ht:		3-4	4-5	5-6'	6-8	8-9'	9-10'	1 / 2	174		d '							
	utilis var. jacquemontii ( <b>Jacquemonti Birch</b> ) (Wilt-Pruf)	10 RATE:	2-3	3-4	1 - 3	3-0	0-0	0-3	3-10											
1401445	Trunk is whitest of all Birches. Tall, narrow, upright tree to 40 ft., spread 30 ft. Dark green leathery leaves. Yellow fall color. Partial resistance to leaf	20 RATE:											ığ					✓		
	miner. Cold hardy to USDA Zone 5.	100 RATE:											-							
		TOO TOATE.	BR	BR	BR	BR	BR	BR					l '							
								Limited						Ш						
Catalpa	(Indian Bean Tree) Drought Tolerant																			
		Caliper:	5/8	3/4	1"	11/4"	1½"	13/4"	2"	21/4"	21/2"	# 2	$\Box$			П				
	bignoides 'Nana' ( <b>Umbrella Catalpa</b> ) Grown on 5 foot standard.  Often called Catalpa bungei. A small, broad rounded, dense and uniform	Height:		5'	5'	5'	5'	5'	5'	5'	5'	5'	] !							
	grafted cultivar grown for its formal topiary-like appearance. This plant will	3 Rate:											ا ِ [							
1402210	form a tight ball of heart-shaped, rich green foliage in summer. In autumn, the	21 RATE:											Ž	<b> </b> ✓   ·	<b>√</b>			<b>\</b>		<b> </b>
	foliage turns a rich, bright yellow and holds for a week on the plant. Height 10-15 ft., width 6-10 ft. but often shaped by pruning to be smaller. Cold hardy	102 Rate:											] !							
	to USDA Zone 5.	Tied in 3's			Limited	Limited	Limited	Limited	Limited				1 !							
		#2 tied in 5's											$\perp \perp \mid$	Ш		4	Ш		4	Ш
	speciosa (Northern Catalpa) (Western Catalpa) (Hardy Catalpa)	5 RATE:											4							
1402250	Tall irregularly rounded, shade tree reaching heights of 40-70 ft. and narrower spread of 20-35 ft. Large 6-12 inch leaves. Showy clusters of 2" white	20 RATE:											A/N		/ /					/
1402250	flowers in late spring. Seed pods. Thrives in moist soil, but grows well in hot,	100 RATE:											ΖÌ							
	dry areas. Tolerates alkali. Cold hardy to USDA Zone 4.		WH	WH	WH	WH&BR	WH&BR	WH&BF	R BR											
D	and Sweating in Dry or Cold Climates - pg. 59 Add \$.60 per tree for bundl	oc of 5 in cizo	. 1/2" c	r emal	ler or o	orreen	ondina	heiaht	5/8" 8	R un ar	o in hu	ndles (	ու— Տե 5	No	orde	ست عمل ع	ee th	an 5	ner ·	varie

# Recommend Sweating in Dry or Cold Climates - pg. 59



Birch is one of the varieties that should never be topped in the nursery nor in the landscape. The central leader does not redevelop for proper growth and appearance.

#### 58 ORNAMENTALS & SHADES

### The Cooke Book® - Recipes for Success

					_				,							 		 _
Celtis (	(Hackberry)	(All Hackberries have Wilt-Pruf	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"					
Bar.	3,	applied to help prevent dehydration)	Approx. Ht:	3-4'	4-5'	5-6'	6-8	8-10'	10-12	12-14	12-14	Spec.	Spec.					
	australis (European / Medite	rranean Hackberry) A moderate to fast	10 RATE:						. 1. 1! - 1.									
		ited for Mediterranean like climates. Reaches	20 RATE:							displ								
#1403820		at maturity. Dark grey-green, coarsely toothed	100 RATE:	Inte	ernet -	for e	stabli	shed	nurse	ery cu	stome	ers on	ly. —	× ×	<b>/</b>		✓	1
		lor. Purplish-black drupes eaten by birds and andles urban and alkaline soils. USDA Zone 6.			BR Limited	BR	BR	BR Limited	BR Limited									
#1403845	occidentalis (Eastern / Comm heights of 40-70 ft. and nearly	non Hackberry) Large rounded tree re y as wide. Resembles the stately elms. Sometim		BR	BR	BR	BR	BR Limited						N/A				
#1403045		handles a wide range of soils. Resistant to Oak on by birds and wildlife. Cold hardy to USDA Zone												Ž				
			Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"					
			Approx. Ht:	2-3'	4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.					
	sinensis (Chinese Hackberry	y) perry reaching heights of 40-60 feet and widths of	10 RATE:															
#1403830		es long, smooth, glossier than other Hackberries	20 RATE:											×.	<b>/</b>			✓
	with scallop-tooth edges. Cold		100 RATE:			İ												
				WH Limited	BR Limited	BR	BR	BR	BR	BR	BR	BR Limited						

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.



**Hackberries:** Trees **must** be pruned when received as bareroot or you will likely lose them. Removing **all** light wood and about 1/2 of the branches reduced dehydration and triggers growth out of dormancy.

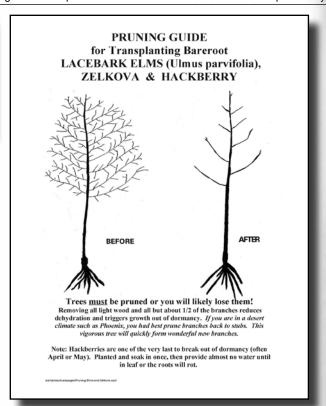
See more at:

http://www.lecooke.com/cms/care-information/care-of-bareroot/359.html

Be patient with Hackberries. They are usually the last to break dormancy. Watering them while dormant will not help and will often hurt the roots.

The L. E. Cooke Co is committed to your success with bareroot. Since 1970, the L. E. Cooke Co has studied canning mixes which have proven successful and those which have proven problematic. Ask your sales representative for a copy of our "Care and Handling of Bareroot" page and "Recipes for a Successful Bareroot Program booklet. Or download it from our web site in Acrobat PDF form. We also mail a copy out each November to all customers with an order.

When canning, we recommend using by volume 1/3 coarse sand, 1/3 top soil and 1/3 organic. The organic component should be pure pine or fir wood or peat moss or rice hulls. Do Not use bark, Redwood, cedar wood, manure or green waste. Avoid any organic that turns black.



### ORNAMENTALS & SHADES 59

Cercis	(Redbuds)	Please Note:	NO C	Guaran	tee or	Replac	ement	s on F	Redbuc	ds		25.00			AT	TRIB	UTE	S - IC	ONS	;
		Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	٦	ant		Ε				Т
		Approx. Ht:	2-3'	3'	3-4'	4-5'	5-6'	6-8'	8-9'		10-11		Certified	Drought Tolerant	Fast Growing	Summer Bloom		ize	Utility Clear Butterfly	
	canadensis (Canadian or Eastern Redbud) - Single stem tree (Wilt-Pruf)	10 RATE:											Sel.	뉟		Summer B	Fall Color	n S	<u>چ</u>  څ	
#1407010	Very attractive rose-pink to lavender spring flowers forming in clusters before	20 RATE:		Note:									Virus (	gnc .	Fast Gr	E   E		rde	<u>₹</u>   <u>₹</u>	Birde
	the leaves develop. A small spreading tree with graceful branches forming a round head. Mature trees can reach 20-30 ft. high, spread 25-35 ft. Cold	100 RATE:	- Int	ternet	- tor e	estabi	isnea	nurs	ery cu	istom	ers or	ııy. —	Ϊ	٥	Fa P	NS N	Fa	Ga	ᆲ	ا ت:
	hardy to USDA Zone 4B.			WH	WH	WH	WH&BR	BR	BR	BR			Α×	١,	/			<b>✓</b>	<b>√</b>	Ī
7	(Wilt-Pruf)	10 RATE:																П	$\top$	
	canadensis (Canadian or Eastern Redbud) - Tree (High Limb to 40")	20 RATE:											1							
#1407011	Very attractive rose-pink to lavender spring flowers forming in clusters before	100 RATE:											N N	,		li		✓	<b>✓</b>	
	the leaves develop. A small spreading tree with graceful branches forming a round head. Mature trees can reach 20-30 ft. high, spread 25-35 ft. Cold hardy to USDA Zone 4B.				WH	WH	WH&BR	BR	BR	BR Limited										
		Min. Height:		2'	3'	4'	5'	6'	8'											
	(Wilt-Pruf)	10 RATE:																		
#1407012	canadensis (Canadian or Eastern Redbud) - Clumps (3 or more stems)	20 RATE:												١,				<b>✓</b>	<b>✓</b>	
	Construction (Canada and Construction )	100 RATE:											ΑN							
													<b>~</b>							$\perp$
	(Wilt-Pruf)	10 RATE:																		
#1407013	canadensis (Canadian or Eastern Redbud) - Doubles (2 stems)	20 RATE:												١,				$ \checkmark $	<b>✓</b>	
													Н		+	$\vdash$		Н	+	+
	canadensis 'Covey' (Lavender Twist® Redbud) (Pat. #10328) (Wilt-Pruf)	Caliper:		5/16	3/8	1/2	5/8	3/4	1"	11/4"										
	A distinctly unique weeping form of Eastern Redbud. When staked up, can reach heights of 6-7 feet. If left untrained, often grows back over itself forming	Approx. Ht:	2-3'	3'	3-4'	3-4'	4-5'	5-6'	5-6"	5-6'										
#1407032	a large zigzagging mound. Lavender flowers in spring. Large, dark green	JIVAIL.											N N						✓	
#1407032	leaves. Parent tree has survived to -23 degrees F. USDA Zone 5.	20 RATE:											Ž	'		*			•	
	(Note: License will not allow us to ship this item out of United States.)	100 RATE:																		
	All tied in 5's (Includes	\$1.00 royalty)	WH Limited	WH Limited	WH Limited	WH Limited	WH&BR	BR	BR	BR Limited	BR Limited									
		Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"								
	canadensis 'Flame' (Wilt-Pruf)	Approx. Ht:	2-3'	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-11	11-12'								
#4.40 <del>7</del> 005	A fully double pink bloom with 40 petals resembling a small rosebud. A vigor-	10 RATE:											A N					/	✓	
#1407025	ous grower with average foliage. More narrow and upright than other variet-	20 RATE:											<del>2</del>						•	
	ies. 25 ft. height, 15 ft. spread. Cold hardy to USDA Zone 5.	100 RATE:														li				
			WH	WH	WH	WH	BR	BR												
	canadensis 'Forest Pansy' (Wilt-Pruf)	10 RATE:											П						$\top$	T
	Brilliant scarlet red new foliage matures to deep maroon. In warmer areas	20 RATE:																		
#1407030	leaves change to green after spring passes. Clusters of bright pink blossoms	100 RATE:											N N	١,				✓	✓	
	appear before leaves. Slow growing, round shape to 20 ft. by 20 ft. Cold hardy to USDA Zone 5.		WH	WH	WH	WH	WH&BR	BR Limited	BR Limited	BR Limited										
	1																		-	

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

**# Sweating** of varieties prone to dehydration will help bud break (to leaf). This is very important in dry, cold or windy climates. An enclosed greenhouse with higher humidity (but not running sprinklers) is easiest. Another way is to lay the tree down and cover with 2-3" of wet sand, fir or pine shavings and leave until buds start to break. The warmer the temperature, the faster the buds will break. Keep the covering material moist.

Wholesale Pricing is <u>not</u> published to the general public and will not be found on our website.

Wholesale pricing is available only to Customers of L.E. Cooke Co

#### 60 ORNAMENTALS & SHADES

# The Cooke Book® - Recipes for Success

Cercis	(Redbuds) (Continued)	Please Note:	NO G	uaran	tee or	Replac	ement	ts on R	Redbuc	ls					1	TTR	IBU'	TES -	- ICC	NS
57		Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"		Ħ	П	T				
	canadensis 'Mexicana' (Mexican Redbud) - Tree Form (Wilt-Pruf)	Approx. Ht:	2-3'	3'	3-4'	4-5'	4-6'	4-6'	4-6'	4-6'			Certified	Drought Tolerant	E .	Fast Growing Summer Bloom		{	_ G	
	A pink blooming small tree. Its bright pink flowers welcome spring-	10 RATE:		 	· D			. I. 12 - I	-1" I				èrti	it 10	Spring Bloom	§   E	βL	Color	Garden Size Utility Clear	Butterfly
#1407035	time and are followed by round, ruffled, glossy leaves. Multi stemmed. Mature height and width is 18-25 ft. Cold hardy to USDA Zone 6B.	20 RATE:	1				•	-		-	in the ers on		) sn	gno	ring	בן ב <u>ו</u>	Weeping	$ \mathcal{S} ^{\frac{3}{2}}$	<u>.</u>	te.
#1407035	(Drought Tolerant)	100 RATE:	- 11116		- 101 <del>e</del>	Stabii	sileu	iluise	y Cu	Storre	-15 011	ıy.	Virus	집	g ı	Sur	We	Fall	3 3	Bu
for 2018			WH Limited	WH Limited	WH Limited	WH Limited	WH&BR Limited	BR Limited	BR Limited				N/A	1	✓			~	/ /	
	ANTE Description of Allering Destruction Destruction (ANTE Description)	Min. Height:	-	2'	3'	4'	5'	6'	8'				Ī		T		$\Box$			
	canadensis 'Mexicana' ( <b>Mexican Redbud</b> ) - <b>Bush Form</b> (Wilt-Pruf) A pink blooming small tree. Its bright pink flowers welcome spring-	10 RATE:																		
#1407033	time and are followed by round, ruffled, glossy leaves. Multi stemmed.	20 RATE:											l≅	<b>✓</b>	✓			-	/ /	
	Mature height and width is 18-25 ft. Cold hardy to USDA Zone 6B. (Drought Tolerant)	100 RATE:																		
			Limited					Limited												
	(Wilt-Pruf)	Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	1¾"								
	canadensis 'Ruby Falls' (Ruby Falls Redbud) (Pat# 22,097)	Approx. Ht:	2-3'	3'	3-4'	4-5'	4-6'	4-6'	4-6'	4-6'			Į							
	A spectacular waterfall of color for landscapes. Profuse, hot, rose pink to	10 RATE:											$ _{A} $		/		/			
1407047	purple flowers in the spring give way to bright red spring foliage. Leaves turn dark purple and then green as the season progresses. Attractive weeping	20 RATE:											Ν		<b>'</b>			'	*	
	form. 4-6 ft high and 6-8 ft spread. Cold hardy to USDA Zone 5B	100 RATE:											ļ							
		(Includes \$2.75 royalty)	BR	BR	BR	BR	BR	BR Limited	BR Limited											
		Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"					П			П
	canadensis spp. texensis 'Alba' ( <b>Texas White Redbud</b> ) (Wilt-Pruf)	Approx. Ht:	2-3'	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-11	11-12								
	(formerly C. reniformis 'Alba') (Drought Tolerant)	10 RATE:											$ _{\scriptscriptstyle A} $		1					
<b>#1407060</b>	Masses of pure white flowers make this tree a stunning spring beauty. Vibrant green, thick, glossy foliage extends this beauty through the summer months.	20 RATE:											N	<b> </b>	•			*	•	
	Height 20 ft., spread 20 ft. Cold hardy to USDA Zone 6.	100 RATE:																		
			WH	WH	WH	WH	WH&BR	BR Limited												
	canadensis spp. texensis 'Merlot' (Merlot Redbud) (Pat# 22,297)	10 RATE:															П			П
	(Drought Tolerant) (Wilt-Pruf) Strong, bright pink spring bloom gives way to glossy purple foliage which	20 RATE:																		
#1407045	turns to purple/green summer foliage depending upon heat of local climate.	100 RATE:											Ν	<b>V</b>	<b>✓</b>			^	/   1	
	Merlot is a canadensis and texensis cross to produce a more drought and heat tolerant tree. 12-15 feet high and wide. Cold hardy to USDA Zone 6.	(Includes \$2.25 royalty)	WH	WH	WH	WH	WH&BR	BR	BR Limited	BR Limited										
	canadensis spp. texensis 'Oklahoma' ( <b>Oklahoma Redbud</b> ) (Wilt-Pruf)	10 RATE:															$\square$			
	(formerly C. reniformis 'Oklahoma') (Drought Tolerant)	20 RATE:																		
#1407040	Spectacular display of deep wine red blooms make this a truly elegant addition to any garden. Darkest & best colored flower of all redbuds. New	100 RATE:											Ν V	<b>✓</b>	✓			~	/ /	
	growth emerges with red tint & quickly matures to glossy, vibrant green, leathery leaves. 20 ft. height & spread. Cold hardy to USDA Zone 5.		WH	WH	WH	WH	WH&BR	BR	BR	BR Limited										
	canadensis spp. texensis 'Oklahoma' (Oklahoma Redbud) - Bush Form	Min. Height:	9"	12"	18"	2'	3'	4'	5'	6'	8'				1		$\Box$			
	(Wilt-Pruf) (Drought Tolerant)	10 RATE:																		
#1407042	Spectacular display of deep wine red blooms make this a truly elegant addition to any garden. Darkest & best colored flower of all redbuds. New	20 RATE:											Ν	V	<b>✓</b>			-	/ /	
	growth emerges with red tint & quickly matures to glossy, vibrant green,	100 RATE:																		
	growth officigod with rod tine a quickly mataroo to grocoy, violate groom,		1	1		1		1									1			

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

### ORNAMENTALS & SHADES 61

Cercis	(Redbuds) (Continued)	Please Note:	NO G	uaran	tee or	Replac	ement	s on F	Redbuc	ds	1	-			-	TTR	RIBU	TES	- IC	ONS	1
100		Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"			Ħ		T.					
	canadensis spp. texensis 'Traveller'	Approx. Ht:	2-3'	3'	3-4'	3-4'	4-5'	5-6'	5-6"	5-6'	5-6'		Virus Certified	Drought Tolerant	E	en oc	Weeping		ے ان		
	(Traveller Weeping Texas Redbud) (Wilt-Pruf) (Drought Tolerant)	5 RATE:		-		-	-	-	-	1			ertii	위	Spring Bloom	Fast Growing Summer Bloon	g	<u>5</u>	Size	Dullily Clear Butterfly	
#1407067	A unique weeping Texas redbud. Arching branches that produce a weeping, cascading effect which makes a small, broadly mounding plant. It has vibrant	20 RATE:								layed			IS C	gn	gu d	آ او عالم	apir	Fall Color	Garden	te T	8
	purplish-pink flowers that emerge in early spring and are then followed by	100 RATE:	int	ernet	- tor e	establ	ished	nurs	ery cu	ıstom	ers or	ıly.	Viru	임	g L	Fa⊱ Sun	We	Fall	ב   פֿם	But	Birds
	dark glossy leaves.	All tied in 5's		WH	WH	WH	WH&BR	BR	BR	BR Limited			N/A		<b>✓</b>		<b>✓</b>		/ •	_	
		Caliper:	1/4	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	1³⁄₄"									
		Approx. Ht:	2-3'	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-11'	11-12'									
	chinensis 'Avondale' (Wilt-Pruf) Fantastic deep purple-pink flowers cover tree in early spring completely hiding	10 RATE:																			
#1407005	stems, including large limbs. 15 ft. height with 10 ft. spread. Cold hardy to	20 RATE:											N/A		<b>√</b>			١   ١	<b>/</b>   <b>/</b>		
	USDA Zone 6.	100 RATE:																			
			WH	WH	WH	WH	BR	BR	BR												
	historia (Dan Fuelli, Tue Ferry	10 RATE:							Limited					$\dashv$	-					+	$\vdash$
NEW! for 2018	chinensis 'Don Egolf' - Tree Form (Wilt-Pruf) Abundant rosy-mauve flowers adorn this bush in the spring. Dark green	20 RATE:																			
#1407024	foliage. Compact shrub-like grower allowed to grow naturally as a bush.	-											N/A		✓			,	/   •	/	
#1407024	Mature height reaches 9 ft. tall and 9½ ft. wide. This variety produces no	100 RATE:											_								
	seed thus showing no invasive tendencies. Cold hardy to USDA Zone 6.			Limited	Limited	Limited		Limited	Limited					_		+				+	
	chinensis 'Don Egolf' - Bush Form (Wilt-Pruf)	Min. Height:	6"	9"	12"	18"	2'	3'	4'	5'	6'	8'									
<del>-</del>	Abundant rosy-mauve flowers adorn this bush in the spring. Dark green	10 RATE:											Α								
#1407023	foliage. Compact shrub-like grower allowed to grow naturally as a bush. Mature height reaches 9 ft. tall and 9½ ft. wide. This variety produces no	20 RATE:						<u> </u>					N/A		<b>′</b>			'	/   •		
	seed thus showing no invasive tendencies. Cold hardy to USDA Zone 6.	100 RATE:						ļ													
				Limited					Limited					_	_	_				+	_
		Caliper:	-	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"									
	occidentalis (Western Redbud - Tree Form) (Drought Tolerant) (Wilt-Pruf)	Approx. Ht:	2-3'	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-11'	11-12'									
#1407070	Native to California. This small tree delivers a 3 week brilliant display of magenta flowers in spring. Summer foliage is handsome blue-green. 3"	10 RATE:											N/A	/	✓				/   ,		
#1407070	leaves notched or rounded at tip. Height ranges from 15 to 25 ft. with same	20 RATE:											Z	1	`			'	<b>`</b>  `		
	spread. Cold hardy to USDA Zone 7, some say to Zone 6. Limbed to 15".	100 RATE:																			
				WH	WH	WH	BR	BR	BR	BR											
		10 RATE:																		+	H
		20 RATE:																			
#1407071	occidentalis ( <b>Western Redbud - High Limb</b> ) (Drought Tolerant) (Wilt-Pruf) Single stem tree with limbs starting at 40 inches.	100 RATE:											N/A	✓	✓			,	/   •		
	offigie sterri tree with limbs starting at 40 mores.					WH	BR	BR	BR	BR	BR										
		Min. Height:	9"	12"	18"	2'	3,	4'	Limited 5'	Limited 6'	Limited			$\dashv$						+	
		10 RATE:		† <u>-                                     </u>	- •	_	Ť	<u> </u>		<u> </u>											
#1407072	occidentalis (Western Redbud - Bush Form) (Drought Tolerant) (Wilt-Pruf)	20 RATE:					-						N/A	/	✓						
1701012	Multi stem form of this California native.	100 RATE:											Z								
		IUU NATE.							Limite	Limited											
									Limited	Limited				- 1							

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.



### 62 ORNAMENTALS & SHADES

# The Cooke Book® - Recipes for Success

Chilops	is (Desert Willow) Tree Form											K I			A	TRI	BUT	ES -	ICC	ONS	
57		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	] _	ant		٦					
	linearis 'Bubba' - Tree Form (Wilt-Pruf) (Drought Tolerant) The blossoms are a beautiful bright bicolor of lavender and dark purple.	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-7'	7-8'	8-9'				Virus Certified	Drought Tolerant	Spring Bloom Fast Growing	000		1.	3   5	ŝ	
1.400000	Bubba is a vigorous grower. Its flowers and leaves are larger than that of the	10 RATE:	_ ,	doto.	Drice	are	not ni	ublicly	dienl	aved	in the		j	h T	E S	er E	ing	olor	Clear	کے از	
1408222	species. Bubba flowers throughout the summer. Discovered by Paul Cox	20 RATE:	1					nurse	•	-			S)	ong	oring Ist (	E	Weeping	Fall Color	<u>}</u>  }		Birds
	of the San Antonio Botanical Garden. Can reach up to 20' in some areas. USDA Zone 7.	100 RATE:	11100		101 0	·		Huise	- y cu	3101110		ııy.			S E	S	Š	<u>п</u>	1 5	, <u> </u> <u>B</u>	ä
	OSDA Zone 7.		WH/BR Limited	BR Limited	BR	BR	BR	BR Limited					A/N			~		-	/ /	<b>/</b>	
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"	П	П							
	(Wilt-Pruf) (Drought Tolerant)	Approx. Ht:	2-3'	3'	3-4'	4-5'	5-6'	6-8'	8-9'												
	linearis 'Burgundy' ( <b>Burgundy Desert Willow - Tree Form</b> ) This unique introduction has beautiful, trumpet-shaped burgundy flowers with	10 RATE:																			
1408229	crimped lobes that appear from spring to late summer. The leaves are long	20 RATE:											Ž	<b> </b>		<b>1</b>		_   *			
	and narrow, up to 5" in length. Mature height & spread to 15 ft. Well adapted	100 RATE:											1								
	to desert conditions. Cold hardy to USDA Zone 7.		WH/BR Limited	BR	BR	BR	BR	BR Limited					1								
Chilons	is (Desert Willow) Bush Form (Wilt-Pruf)	Min. Height:		12"	18"	2'	3'	4'	5'	6'	8'			$\vdash$		H	Н		+	+	Г
omopo	linearis 'Bubba' - Bush Form (Drought Tolerant) The blossoms are	10 RATE:											N/A	<b>/</b>		<b>~</b>		-	/ /	· /	
	a beautiful bright bicolor of lavender and dark purple. Bubba is a vigorous	20 RATE:											1								
1408221	grower. Its flowers and leaves are larger than that of the species. Bubba flowers throughout the summer. Discovered by Paul Cox of the San Antonio	100 RATE:											1								
	Botanical Garden. Can reach up to 20' in some areas. USDA Zone 7.				Limited	Limited							1								
	linearis "Burgundy' (Burgundy Desert Willow - Bush Form)	10 RATE:												П			П			$\top$	
1408228	This unique introduction has beautiful, trumpet-shaped burgundy flowers with	20 RATE:											A N			/				.   ,	
1400220	crimped lobes that appear from spring to late summer. The leaves are long and narrow, up to 5" in length. Mature height & spread to 15 ft. Well adapted	100 RATE:											Ż			ľ		*	ľ		
	to desert conditions. Cold hardy to USDA Zone 7. (Drought Tolerant)				Limited																
	Chilopsis linearis 'Snowflurry' (Snowflurry Desert Willow - Bush Form)	10 RATE:																			
1408233	Trumpet shaped, crystal white flowers with light yellow streaks down the throat. Showy, bright appearance. Flowers from late spring through the	20 RATE:											₹			1				.   ,	
1100200	summer. Willow-like leaves. Mature height and spread to 15-20 feet.	100 RATE:		L									Z								
	Drought tolerant. Cold hardy to USDA Zone 7. From Herb Kelly Collection.												4_	Ш	4	4	Ш		4	<u> </u>	
Chiona	nthus (Fringe Tree)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"									
	(Describt Televent)	Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'												
	retusus (Chinese Fringe Tree) (Drought Tolerant) Like fleecy snow, magnificent clusters of white fringe-like flowers adorn	10 RATE:																			
1403310	this tree as early as Late March or April depending upon climate area.	20 RATE:											È		✓	~		✓ <b> </b> ✓			~
	Reminiscent of a tremendous white lilac. Soft green leaves are 2-4" long. Upright branches form dome shape 15-20 ft. high, 20-25 ft. wide. Cold hardy	100 RATE:											1								
	to USDA Zone 5.		WH	WH	WH	WH	WH	WH					1								
			Limited					Limited													

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.



We are blessed by God with an incredibly fertile growing region in the Central Valley of California. The Sierra Nevada mountains provide the snow pack and the underground water to turn this deep alluvial plain from desert into the greatest growing area on earth.

The relatively mild winters still provide enough fruitful chill hours because of periodic bouts of Tule Fog. This fog keeps the winter highs below the magical 45° F. threshold for days & sometime weeks on end.

When the Pacific storms blow the fog away, the grandeur of the Sierras is a beautiful sight!!



### ORNAMENTALS & SHADES 63

Chitalpa		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		=	AT	TRI	BUTE	S - I	ICO	NS
100		Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-12	Spec.	Spec	8	Drought Tolerant	= 0	, E				
	tashkentensis ' <b>Morning Cloud</b> ' (Drought Tolerant)	10 RATE:		-		1		-					Certified		ž   š	B		Size	ear	
1402258	Beautiful clusters of white flowers with purple striping in the throat. Blooms	20 RATE:		Note:										nght	G G	mer	Solo Solo	len	2	
1402256	spring through summer. A quite vigorous grower, this unique tree reaches height of 25-30 ft. with an equal width. It tends to have a more cascading	100 RATE:	– int	ernet	- tor e	estabi	isned	nurs	ery cu	istom	ers or	11y. –	Virus	Dro	Fast Growing	Jung.	Weeping Fall Color	Garden (	Utility Clear	Butterfly
	effect than other Chitalpa. Seedless. Cold hardy to USDA Zone 6.				WH&BR Limited	BR	BR	BR	BR	BR			A/N	✓ <b> </b>		✓		✓	Ħ	<u> </u>
1402260	tashkentensis ' <b>Pink Dawn</b> ' (Drought Tolerant) Lovely display of large clusters of trumpet shaped, light lavender flowers with pale yellow throats adorn this tree all summer. An excellent, rapidly growing, deciduous tree valued for its drought tolerance. Long, narrow, glossy bright green leaves. Seedless. Height to 25 ft., width to 15 ft. Cold hardy to USDA Zone 6.				WH&BR Limited	BR	BR	BR	BR	BR Limited			N/A	~		<b>✓</b>		<b>✓</b>		~
		Min. Height:	18"	2'	3'	4'	5'	6'	8'	10'	12'	14'								
	Applicantonois (Dink Douns) Clumons (Draught Telegraft)	10 RATE:																		
1402261	tashkentensis 'Pink Dawn' - Clumps (Drought Tolerant) (3 or more stems)	20 RATE:											N N	✓		<b>/</b>		<b>✓</b>	<b> </b>	<b>✓</b>
	(	100 RATE:																		
						Limited				Limited			Ш		$\perp$				$\bigsqcup$	
	tashkentensis ' <b>Pink Dawn</b> ' - <b>Doubles</b> (Drought Tolerant)	10 RATE:											ابرا							
1402262	(2 stems)	20 RATE:											Ν	<b>√</b>		<b>V</b>		<b>/</b>	<b> </b>	<b> </b>
						Limited				Limited			Ш							
Cotinus	(Smoke Tree - Tree Form)	Please Note: (Must h				•					.)									
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"				Г			П	
	coggygria 'Cooke's Purple™' - Tree Form (Wilt-Pruf) (Drought Tolerant)	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-12'	Spec.	Spec								
	Bold purple foliage with dramatic puffs of reddish-purple smoke-like blooms.	10 RATE:																		
#1407331	Large vase-shaped shrub reaching 15-20 ft. by 15-20 ft. Holds color the best of the species in hot summer areas. Cold hardy to USDA Zone 5.	20 RATE:											×	✓		<b>✓</b>		<b>/</b>		
	Single trunk, tree form of the highly praised purple smoke tree. Limbed at	100 RATE:											H							
	36-40 inches.					BR	BR	BR	BR											
<b>2</b> 41						Limited			_						+	H				
Cotinus	(Smoke Tree - Bush Form)	Min. Height:	6"	9"	12"	18"	2'	3'	4'	5'	6'									
	coggygria 'Cooke's Purple™' - Bush Form (Wilt-Pruf)	10 RATE:																		
#1407330	(Drought Tolerant) Bold purple foliage with dramatic puffs of reddish-purple smoke-like blooms.	20 RATE:											Ž	<b>√</b>		<b> </b>		<b>\</b>	<b> </b>	ı
	Large vase-shaped shrub reaching 15-20 ft. by 15-20 ft. Holds color the best	100 RATE:																		
	of the species in hot summer areas. Cold hardy to USDA Zone 5.		Limited	Limited				Limited	Limited	Limited			Ш						$\sqcup$	$\perp \perp$
#1407332	coggygria 'Royal Purple' (Wilt-Pruf) (Droug Prized in the landscape as an accent plant with its reddish-purple foliage all su Wispy smoke-like purple colored flowers produced in spring to early summer. purple fall color. 12-15 ft. high by 10-18 ft. wide. Cold hardy to USDA Zone 5.	mmer long.								Limited			A/N	✓		<b>~</b>		<b>✓</b>	<b>~</b>	

#### Cottonwoods - see Populus on page 69

Crabapple - see Malus in Flowering Fruit Tree Section - page 43

Elms - see Ulmus on page 71

# 64 ORNAMENTALS & SHADES The Cooke Book®- Recipes for Success

Eucomr	nia ulmoides		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		Ħ	AT			S - 10	CONS
NEW!			Approx. Ht:	2½-3	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14'	Spec.	Spec.	lied	Drought Tolerant	Spring Bloom Fast Growing	Summer Bloom		(a)	
for 2018	(Hardy Rubber Tre	(Drought Tolerant)	10 RATE:		Nata:	Drice	o oro	not n	امانما	, dian	lovod	in the		ertil	빌		j	<u>ة</u> ا	Siz	\ \
1407280		reaching heights of 40-60 feet and nearly as Originally from central China. Rubber can be	20 RATE:								layed istom			Virus Certified	gn.	ing it G	l me	힐	den	Utility Cle Butterfly
1407200	made from this tree's sap. Tol	erates a wide variety of soils but requires good	100 RATE:	_ ""	.cmct	- 101 v	I	131100	ııuıs	cry cc	1310111	C13 01	iiy.		百,	Spr	Sun		Garden Size	B E
	drainage. Has medicinal uses	s. Cold hardy to Zone 4B.				WH	WH&BR	BR	BR Limited					A/A	<b>√</b>					
Floweri	ng Cherries	see Prunus on pages 44-45	ı				•													
Floweri	ng Crabapples	see Malus on page 43																		
Floweri	ng Peaches	see Prunus persica on pages	46																	
Floweri	ng Pears	see Pyrus on pages 48-49																		
Floweri	ng Plums	see Prunus cerasifera on pag	jes 47																	
Fraxinu	s (Ash)		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"		Ħ	Α٦	TRIE	BUTE	S - 10	CONS
			Approx. Ht:	2½-3	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14'	Spec.	Spec.	eq	Drought Tolerant	E 0	mo mo		(1)	
	holotricha 'Moraine®'	Eventional durability rapid grouth to a baight	10 RATE:											ertifi		Slool Swin	Bloom	ם כ	Size	lear
1401051		Exceptional durability, rapid growth to a height t. Graceful foliage gives this tree a finer texture	20 RATE:											Virus Certified	ngh	Spring Bloom Fast Growing	me		den	e C
	than most other ashes. Clear	habits makes it a desirable tree for homes and	100 RATE:											Ϋ́		Spri	Summer Bl	Weeping Fall Color	Garden Size	Utility Cle Butterfly
	parks. Cold hardy to USDA Z	one 6.				WH Limited	WH Limited	WH&BR Limited	BR Limited	BR Limited	BR Limited			N/A		~		~		
			10 RATE:														П			
1401053	oxycarpa 'Raywoodi' ( <b>Raywo</b>	od Ash) (aka Claret Ash)	20 RATE:																	
(Whip)	oxycarpa reaywoodi (itaywo	ou Asii) (aka Siaret Asii)	100 RATE:																	
		dium size, dark green leaves which turn wine t and park tree. An excellent shade maker for	10 DATE		WH	WH	WH	WH	WH					A N		1		~		
4404054		re height 35-40 ft., spread 30 ft. Cold hardy to	10 RATE: 20 RATE:											-						
1401054 (Branched)	USDA Zone 6.		100 RATE:				<u> </u>													
, , , , , ,			10010112.					BR	BR	BR	BR	BR	BR							
	pennsylvanica lanceolata 'Far	n-West' ( <b>Fan-West™ Ash</b> )	10 RATE:																	
	A great selection that tolerate	s poor soils, desert heat and wind. Large, olive	20 RATE:																	
1401027		head structure. Non-seeding. Grows to a height reen Ash and Arizona Ash. Cold hardy to USDA	100 10 (12.											N A		\ <u>\</u>				
	Zone 6.	reen Ash and Anzona Ash. Ook hardy to OODA	(Includes \$.25 royalty)		WH Limited	WH	WH	WH	WH&BR Limited											
			10 RATE:																	$\top$
1401060			20 RATE:																	
(Whip)	uhdei (Shamel Ash - seedlin	g) (Wilt-Pruf) (Drought Tolerant)	100 RATE:																	
	Semi-evergreen with 4" gloss	y, dark green leaflets, holding on tree to mid					WH	WH	WH	WH				<b> </b> ∢						
		ing. In mild areas, holds leaves all winter. Fast, young, spreading to 35' with age. Oak root fun-	10 RATE:											N/A	•	-				
1401061		spread to 35 ft. Cold hardy to USDA Zone 9.	20 RATE:																	
(Branched)			100 RATE:																	
			<b>—</b>					BR	BR	BR				i l						

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

### ORNAMENTALS & SHADES 65

	- (Ach)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	97	+	AT	TRIB	UTES	- ICC	ONS
Fraxinus	S (Ash) (Continued)	Approx. Ht:	2½-3	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14'	Spec.	Spec.	pe	eran	و ع	E C		4)	
77		10 RATE:				1							rtifi	je   .	S is	8	اج ا	en Size	
1401065		20 RATE:					not pu						Virus Certified	Drought Tolerant	Spring Bloom Fast Growing	Summer Bloom	weeping Fall Color	Garden (	Butterfly
(Whip)		100 RATE:	– mu	emei	- 101 E	stabii	ished	nurse	ery cu	Stome	ers or	ııy.	Virus	ا اروا :	Sprii -ast	Sum	a    e	Sarc	Butter
	uhdei ( <b>Shamel Ash - budded selection</b> ) (Wilt-Pruf) (Drought Tolerant) Same description as above except this is a budded selection chosen for con-					WH	WH	WH	WH				_			,		<u> </u>	
	sistency in favorable shape and size. Cold hardy to USDA Zone 9.	10 RATE:																	
1401066		20 RATE:											N/A	<b>✓</b>	1				
(Branched)		100 RATE:											_						
							BR	BR	BR	BR									
	(December Telegraph	10 RATE:																	
	velutina ( <b>Arizona Ash</b> ) (Drought Tolerant) Moderately growing tree native to Arizona. Tree withstands hot, dry	20 RATE:																	
1401005	conditions and cold to about -10 degrees. Pyramidal in youth; spreading and	100 RATE:											N/A	<b>~</b>	✓				~
	open with maturity. Grows to a height of 40-50 ft. with a spread of 30-40 ft. Cold hardy to USDA Zone 6.	10010112.		WH&BR	BR	BR	BR	BR	BR	BR	BR	BR							
	Returned					ļ					Limited	Limited		$\perp$					$\perp \perp$
	velutina 'Berrinda®' (Drought Tolerant)	10 RATE: 20 RATE:																	
1401012	A selected variety of Arizona Ash native to New Mexico's Gila Wilderness.	100 RATE:											N/A	1	1				
1117171	Tolerates colder climates than other Arizona Ash varieties. Beautiful bright yellow fall color. Seedless. Mature height 50' with 40' spread.	(Includes		WH	WH&BR	BR	BR	BR	BR	BR			z						
	yellow fall color. Occuless. Mature fielght so with 40 spicau.	\$.50 royalty)		Limited						Limited									
	velutina coriacea ' <b>Bonita</b> ™' (Drought Tolerant)	10 RATE:																	
	Desirable for shade in Southwest regions. Broadly oval to mushroom shaped	20 RATE:											4						
	head, develops fuller shape at early age. Usually broader than tall, reaching heights and spread of 30-35 ft. Intense yellow fall color, better and lasts	100 RATE:				ļ							N/A	<b>'</b>	✓		<b> </b> ✓		′
	longer than Modesto Ash. Cold hardy to USDA Zone 6.	(Includes \$.50 royalty)		WH Limited	WH&BR	BR	BR	BR	BR	BR Limited									
	velutina 'Fan-Tex' ( <b>Fan-Tex™ Ash</b> ) (Wilt-Pruf) (Drought Tolerant)	10 RATE:																	
	(aka: F. velutina 'Rio Grande')	20 RATE:																	
	Glossy leaves, near white bark. Fast growing to a height of 40-50 ft. and a spread of 30-35 ft. Leafs out early, holds foliage late in autumn. Foliage is	100 RATE:											N/A	<b>V</b>	<b>✓</b>		<b> </b>		<
	resistant to wind burn. Borer resistant. Seedless. Hardy to USDA Zone 8.	(Includes \$.25 royalty)		WH&BR	WH&BR	BR	BR	BR	BR Limited	BR Limited									
		10 RATE:																	
	velutina glabra (Modesto Ash) (Drought Tolerant) A sturdy, fast growing, round-headed shade tree especially suited to warmer	20 RATE:																	
	areas. Grows to a height of 50 ft. with about 30 ft. spread. Fall foliage turns	100 RATE:											N	<b>/</b>	<b>✓</b>		<b>✓</b>		\ \
	to a bright yellow before dropping. Seedless. Cold hardy to Zone 6.			WH	WH	WH&BR	BR	BR	BR	BR	BR Limited	BR Limited							

#### Fringe Tree - see Chionanthus

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

#### Value of Shade Trees

Shade trees pay for themselves many times over as enhancements and ecological benefactors. A single well-placed shade tree adds about \$25.00 to a property's value per year over a 40 year span. As a mature tree, it will provide beauty and cooling shade resulting in energy savings of up to \$29.00 and air purification totaling 330 lbs. of carbon dioxide per year. USDA Forest Service, Davis, CA.

ladita:	a (Hanaylaguet)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		<del> </del>					ICON	S
Jieditsi	a (Honeylocust)	Approx. Ht:	3-4'	4-5'	5-6'	6-7'	7-8'	8-10'	10-12	12-14'	Spec.	Spec	. g	erai	و و	, E		T <sub>o</sub>		
		10 RATE:		NI-4	Duiaa			ا ما الما			: 4la		ij	힏	300 Wi	&	6	Siz	lear	
1404610		20 RATE:				es are estab							ပိုင္တ	Drought Tolerant	g g	Summer Bloom	ig 7	g g	Utility Clear	eri)
(Whip)	triacanthos inermis 'Aurea' ( <b>Golden Honeylocust</b> ) (Drought Tolerant)	100 RATE:	_ ""		- 101 ·	-	,	ı murs	cry Ci	, 300111	C13 U	ıııy.	ĬŜ		Spri	Sum	ة الأور	Gar   all	1917	Bd
	Bright, golden yellow branch tips, in rich contrast with the deep green inner			WH	WH	WH	WH	WH	WH										П	
	foliage makes it look like a flowering tree bursting with bloom. Seedless and	10 RATE:				-			Limited											
	thornless. Height to 40 ft., spread to 35 ft. Cold hardy to USDA Zone 4 and some say to Zone 3.	20 RATE:											₹ Z	\ <u>/</u>	/			/		
1404611 (Branched)		100 RATE:											Z							
(Dianonca)						BR	BR	BR	BR	BR	BR	BR	1							
		0-11	F/4.0	0/0	4/0	Wants	Wants	Wants	Wants	Wants	Wants	Wants	-		_		+	+	₩	+
		Caliper: Approx. Ht:	<b>5/16</b>	<b>3/8</b> 3-4'	<b>1/2</b> 4-5'	<b>5/8</b> 5-6'	<b>3/4</b> 6-8'	<b>1"</b> 8-10'	11/4"	<b>1</b> ½" 12-14	13/4"	2"	-							
		10 RATE:	3	3-4	4-5	5-6	0-0	0-10	10-12	12-14	Spec.	Spec	•							
1404640	triacanthos inermis 'Shademaster®' (Drought Tolerant)	20 RATE:																	1	
(Whip)	Attractive tree with strong central leader, vigorous, vertical growth. Dark	100 RATE:																		
	green foliage. Vase-shaped in youth and middle age. Thornless and	100 RAIL.		WH	WH	WH	WH	WH	WH				ĕ	\ <u>/</u>	<b>√</b>					
	seedless. Matures at 45-50 ft. tall by 35 ft. wide. Cold hardy to USDA Zone 4, maybe 3.				****				Limited										1	
	(Includes \$.40 royalty)	10 RATE:											4							
1404641		20 RATE:											4						4	
(Branched)		100 RATE:																	1	
							BR Wants	BR Wants	BR Wants	BR Wants	BR Wants								1	
Golden	Rain - see Koelreuteria paniculata - this page								•	•		•								
	rry - see Celtis - page 58							1												
	ocust - see Gleditsia - this page																			_
		- Cuaranta -	Da			Calda	n Doi:													_
Koelreu	teria Please Note: N	1						1	447	44/11	42/**	0"								_
		Caliper:		3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"	4							
	naniculata (Golden Pain Tree) (Drought Tolerant)	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-10	10-12	12-14'	Spec.	Spec	•							

	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"				$\Box$
	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14'	Spec.	Spec.				
paniculata (Golden Rain Tree) (Drought Tolerant)	5 RATE:											∡			
Enormous panicles of golden flowers in the summer. Fern-like foliage. Height and width to 30-40 ft. Cold hardy to USDA Zone 5B.	20 RATE:											Žľ	ľ		
,	100 RATE:														
			WH	WH	WH	WH&BR	BR	BR	BR						

Locust - see Robinia - page 70

Malus - see Flowering Fruit Tree Section - page 43

Maples - see Acer - pages 55-56

Melia azedarach (Chinaberry)

soil. Leaves turn golden in autumn.	1407810	, ,	e with a dense, dome Loose clusters of lilac	flowers in the sum-
-------------------------------------	---------	-----	---	---------------------

	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"						П	
	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14'	Spec.	Spec.							
. [	10 RATE:											⋖			./			./
	20 RATE:											Ž	*		•			v
	100 RATE:																	
Ì			WH	WH	WH	WH	WH&BR	BR	Wants									

#### ORNAMENTALS & SHADES 67

#### (Fruiting Mulberries) See Page 18 in Edibles Section

alba (White Fruiting Mulberry)

alba 'Cooke's' Pakistan Fruiting Mulberry (Cooke's Selection)

Morus | alba (White Pakistan)

nigra sp. (Black Beauty Fruiting Mulberry)

nigra sp. (Persian Fruiting Mulberry)

nigra 'Alba' (White Persian)

\* Weeping and Top Graft mulberries are graded by caliper. All caliper grades are #1 quality tops. #2 grade on mulberries are for heads that are not fully balanced and will include caliper sizes ranging from 5/8" to 1 1/4" but no larger. These are suitable for growing on another year to make a fine #1.

	nigra 'Alba' (White Persian)			- 1	_								_							
Morus	(Mulberry)													ıt	A	TTR	IBU	TES -	ICON	NS
		Caliper:	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	2½"	# 2*	ied	Drought Tolerant	E	Wing			١. ا	
		3 Rate:				1	1					ı	ertif	힐	Bloom	Fast Growing Summer Bloon	6	Or	Utility Clear	>
		21 RATE:	1	Note:				-		•			S	ngh	ng c	<u> </u>	Weeping	Fall Color	;   <del> </del>	e j
1405810	alba 'Chaparral' on 30" Standard (Drought Tolerant)	102 Rate:	- In	ternet	- tor	estab	iisned	nurs	ery cı	ustom	ers o	nıy. –	Virus Certified	Dro	Spring I	Fast Gro	We	Fall Colo	ا∄ارْ	Butterfly
	(Tied in multiples of 3, except #2 tied in 5)					Limited	Limited						Ϋ́	<b>✓</b>			<b>✓</b>		<b>~</b>	
	alba 'Chaparrai' on 5-6' Standard (Drought Tolerant)	3 Rate:																		
1405805	A vigorous, small weeping tree. Its cascading branches are covered with deeply cut, very glossy, dark green leaves. This variety is fruitless. Height	21 RATE:											₹				/			
1403003	usually to 15 ft. with 15-20 ft. spread. Cold hardy to USDA Zone 5.	102 Rate:											z							
	(Tied in multiples of 3, except #2 tied in 5)			Limited				Limited												
		Caliper:	_	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"	21/4"								
	alle (Kingan) (Kingan Furition Mulhama) (Milt Durf) (Draught Talayant)	Approx. Ht:	4'	5'	6'	6-8'	8-10'	10-12'	12-14	Spec.	Spec.	Spec.								
4.405000	alba 'Kingan' ( <b>Kingan Fruitless Mulberry</b> ) (Wilt-Pruf) (Drought Tolerant) Excellent, fast growing shade tree developing a dense, rounded crown. Fruit-	10 RATE:											4							
1405880	less. Glossy green leaves. Vase shaped. Height 30-40 ft., spread to	20 RATE:											N A							
	40 ft. Will not tolerate cold below 0° F. Cold hardy to USDA Zone 6B.	100 RATE:											1							
			WH Wants	WH	WH&BR	WH&BR	BR	BR	BR	BR	BR	BR Limited								
	(Drought Tolerant)	Caliper:	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	<b>2</b> ½"	# 2*							$\Box$	+
	alba 'Pendula' ('Teas') (Teas Weeping Fruiting Mulberry) on 5-6' Std.	3 Rate:											1							
	Tree adds interest to any landscape. Ornamental tree with slender weeping	21 RATE:											₹ V				1			
	branches. Bears blackberry-like fruit in summer months. Birds highly attracted to fruit - so often planted to attract birds away from commercial	102 Rate:											Ź				*	*		'
1405895	crops. Height to 12 ft., spread to 16 ft. Very cold hardy to USDA Zone 3.			Limited								<b>-</b>								
	(Tied in multiples of 3, except #2 tied in 5)													Ш						
		Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"	21/4"								
		Approx. Ht:	4'	5'	6'	6-8'	8-10'	10-12'	12-14	Spec.	Spec.	Spec.								
#1405820		10 RATE:																		
(Whip)	(Wilt-Pruf) (Drought Tolerant)	20 RATE:																		
	alba 'Striblingii' (Cutleaf Fruitless Mulberry) (Maple Leaf Mulberry) Excellent, fast growing shade tree developing a dense, rounded crown. Fruit-	100 RATE:	1000	10.71	100	1000	10.00						\ X	V	,					
	less. Deeply cut leaves. Height 30-50 ft., spread 40-60 ft. Resists Texas		WH Wants	WH Wants	WH	WH	WH						Z							
	Root Rot. Will not tolerate cold below 10° F. Cold hardy to USDA Zone 7B.	10 RATE:																		
#1405821		20 RATE:																		
(Branched)		100 RATE:																		
						BR	BR	BR	BR	BR	BR	BR								

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

# 68 ORNAMENTALS & SHADES The Cooke Book®- Recipes for Success

	ia (Chinese Pistache) Note: Shipments												ate	ly.					
		Caliper:	5/16		1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		둩_			UTES	3 - IC	ON
	chinensis (Chinese Pistache - seedling) (Wilt-Pruf) (Drought Tolerant)	Approx. Ht:	4'	5'	6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.	ljed	Drought Tolerant	Fast Growing	E		e, ان	
1406500	Favorite ornamental tree famous for its brilliant orange-crimson fall color.	10 RATE:			' D.::								erti	취임		[삔,	<u> </u>	Siz	ea ,
	Attractive umbrella-like crown, lustrous leaves through the growing season.	20 RATE:								ayed			Virus Certified	dg r	Į Į	l me	weeping Fall Color	Garden Size	
	Moderate grower to 25-40 feet tall, 25-35 feet wide. Red turning to blue fruit on female trees. Cold hardy to USDA Zone 6.	100 RATE:	– inte	ernet	- tor e	estabii	isnea	nurse	ery cu	stome	ers on	iiy.	<u> </u>	O'C	Fas	Sun	Fall Ve	Gar	<u> </u>
	on ternale fields. Gold hardy to GOB/125/16 S.		WH Limited	WH	WH	WH	WH Limited	WH Limited					A/A	<u>-</u> ✓			<b>✓</b>		
	chinensis <b>'Keith Davey'</b> (Wilt-Pruf) (Drought Tolerant)	10 RATE:																	
406520	Favorite ornamental tree famous for its brilliant orange-crimson fall color.	20 RATE:																	
	Attractive umbrella-like crown, lustrous leaves through the growing season.	100 RATE:											\ X	<b>V</b>			<b> </b> •		
	This selection is fruitless. Moderate grower to 30-35 feet tall, 25-35 feet wide. Cold hardy to USDA Zone 6.		WH Limited	WH	WH	WH&BR	WH&BR						П						
atanu	because of the high demand and customers begging for them. Our drip system far superior roots than in the past and this is helping the success. <b>S (Sycamore)</b>	em is giving	bewa		guarar			are see		they ar ry good									
	x acerifolia (European Sycamore) Use 'Bloodgood'	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"							
	v coorifolio (Dioodecod) (London Blanc (Blanderod) Systemate)	Approx. Ht:	4'	5'	6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.							
	x acerifolia 'Bloodgood' (London Plane 'Bloodgood' Sycamore) This is a popular selection and one of the first cultivars to be selected for	10 RATE:														$\Box$			
407440	anthracnose resistance, though reports vary regarding this trait in different	20 RATE:																	
407440	areas. It is a large, rounded tree to 50-60 ft. tall and 40 ft. wide. Deep green	100 RATE:											\X						
	leaves. The tree tolerates poor cultural conditions, including heat, drought and poor soil. Cold hardy to USDA Zone 5.		WH	WH	WH&BR	WH&BR	BR	BR	BR	BR	BR	BR				ı			
	, , , , , , , , , , , , , , , , , , , ,										Limited	Limited				ı I			
				Limited											+	$\vdash$	$\perp$		
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"				$\vdash$			
	x acerifolia 'Columbia'	Approx. Ht:	5/16		<b>1/2</b> 4-5'	<b>5/8</b> 5-6'	<b>3/4</b> 6-8'		1	<b>1½"</b> 12-14'	13/4"	2"							
407428	Rapidly becoming a favorite selection in landscapes. Similar to European	Approx. Ht: 10 RATE:	5/16	3/8					1		13/4"	2"	1/A		✓				
407428	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to	Approx. Ht: 10 RATE: 20 RATE:	5/16	3/8					1		13/4"	2"	N/A		<b>✓</b>				
407428	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National	Approx. Ht: 10 RATE:	<b>5/16</b> 2-3'	3/8			6-8'		1		13/4"	<b>2"</b> Spec.	N/A		~				
	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to	Approx. Ht: 10 RATE: 20 RATE:	5/16 2-3'	<b>3/8</b> 3-4'	4-5'	5-6'	6-8'	8-10'	10-12'	12-14'	13/4" Spec.	2" Spec.	N/A		<b>✓</b>				
AIEW!	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:	5/16 2-3' WH Limited 5/16	3/8 3-4'	4-5'	5-6' WH&BR	6-8' WH&BR	8-10'	10-12' BR	12-14' BR	13/4" Spec. BR 13/4"	2" Spec.  BR Limited 2"	N/A		<b>✓</b>				
NEW!	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper:	5/16 2-3' WH Limited 5/16	3/8 3-4' WH 3/8	4-5' WH	5-6' WH&BR	6-8' WH&BR	8-10' BR	10-12' BR	12-14' BR	13/4" Spec. BR 13/4"	2" Spec.  BR Limited 2"			<b>✓</b>				
NEW! or 2017	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper: Approx. Ht:	5/16 2-3' WH Limited 5/16	3/8 3-4' WH 3/8	4-5' WH	5-6' WH&BR	6-8' WH&BR	8-10' BR	10-12' BR	12-14' BR	13/4" Spec. BR 13/4"	2" Spec.  BR Limited 2"	N/A N/A		✓				
NEW! for 2017	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper: Approx. Ht: 10 RATE: 20 RATE: 100 RATE:	5/16 2-3' WH Limited 5/16 2-3'	3/8 3-4' WH 3/8 3-4'	4-5' WH 1/2 4-5'	5-6' WH&BR 5/8 5-6'	6-8' WH&BR <b>3/4</b> 6-8'	8-10' BR 1" 8-10'	BR 11/4" 10-12'	BR 1½" 12-14'	13/4" Spec.  BR 13/4" Spec.	2" Spec.  BR Limited 2" Spec.			✓				
NEW! pr 2017	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is time to see how it performs in wider geographical areas. Attractive whitish-tan	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE: 100 RATE:	5/16 2-3' WH Limited 5/16 2-3'	3/8 3-4' WH 3/8	4-5' WH 1/2 4-5'	5-6' WH&BR	6-8' WH&BR <b>3/4</b> 6-8'	8-10' BR 1" 8-10'	10-12' BR	12-14' BR	13/4" Spec. BR 13/4"	2" Spec.  BR Limited 2"			✓ <				
<b>NEW!</b> or 2017	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is time to see how it performs in wider geographical areas. Attractive whitish-tan	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Includes \$1.00 royalty	5/16 2-3'  WH Limited 5/16 2-3'	3/8 3-4' WH 3/8 3-4'	4-5' WH 1/2 4-5'	5-6' WH&BR 5/8 5-6'	6-8' WH&BR 3/4 6-8'	8-10' BR 1" 8-10'	BR 11/4" 10-12'	BR 1½" 12-14'	BR 13/4" Spec.	2" Spec.  BR Limited 2" Spec.			~				
<b>NEW!</b> or 2017	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is time to see how it performs in wider geographical areas. Attractive whitish-tan bark. Height to 50 ft., spread 30-40 ft. Cold hardy to USDA Zone 5.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Includes \$1.00 royalty Caliper:	5/16 2-3'  WH Limited 5/16 2-3'  WH Limited 5/16	3/8 3-4' WH 3/8 3-4'	4-5' WH 1/2 4-5'	5-6' WH&BR 5/8 5-6' WH&BR	6-8' WH&BR 3/4 6-8'	8-10' BR 1" 8-10'	BR 11/4" 10-12'	BR 1½" 12-14'	13/4" Spec.  BR 13/4" Spec.  BR  13/4"	2" Spec.  BR Limited 2" Spec.  BR Limited 2"	N/A		<i>*</i>				
NEW! pr 2017	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is time to see how it performs in wider geographical areas. Attractive whitish-tan bark. Height to 50 ft., spread 30-40 ft. Cold hardy to USDA Zone 5.  mexicana Moric. (Mexican Sycamore) Large native tree to Texas and North East Mexico. Distinctive tree with	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Includes \$1.00 royalty	5/16 2-3'  WH Limited 5/16 2-3'  WH Limited 5/16	3/8 3-4' WH 3/8 3-4'	4-5' WH 1/2 4-5'	5-6' WH&BR 5/8 5-6'	6-8' WH&BR 3/4 6-8'	8-10' BR 1" 8-10'	BR 11/4" 10-12'	BR 1½" 12-14'	13/4" Spec.  BR 13/4" Spec.  BR  13/4"	2" Spec.  BR Limited 2" Spec.  BR Limited 2"	N/A		<i>y</i>				
NEW! Or 2017 407400	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is time to see how it performs in wider geographical areas. Attractive whitish-tan bark. Height to 50 ft., spread 30-40 ft. Cold hardy to USDA Zone 5.  mexicana Moric. (Mexican Sycamore) Large native tree to Texas and North East Mexico. Distinctive tree with smooth white exfoliating bark. Very large, toothed leaves with 3 large lobes	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: 40 RATE: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Includes \$1.00 royalty Caliper: Approx. Ht:	5/16 2-3'  WH Limited 5/16 2-3'  WH Limited 5/16	3/8 3-4' WH 3/8 3-4'	4-5' WH 1/2 4-5'	5-6' WH&BR 5/8 5-6' WH&BR	6-8' WH&BR 3/4 6-8'	8-10' BR 1" 8-10'	BR 11/4" 10-12'	BR 1½" 12-14'	13/4" Spec.  BR 13/4" Spec.  BR  13/4"	2" Spec.  BR Limited 2" Spec.  BR Limited 2"	N/A		<i>*</i>				
NEW! for 2017 407400	Rapidly becoming a favorite selection in landscapes. Similar to European Sycamore in its appearance and growth habit. Selected by the U.S. National Arboretum for its high resistance to anthracnose. Height to 50 ft., spread to 40 ft. Cold hardy to USDA Zone 5.  x acerifolia 'DTR-127' Ivory Tower® Sycamore (PPAF) Tall, straight and magnificent are words used to describe this stately tree. Trees in the landscape and in the production field show a pleasant propensity to grow straight. Sycamores that lose their terminal buds through foliage diseases such as anthracnose tend to branch and grow a bit ragged. This tree has proven to be very clean foliage in the Visalia environment and it is time to see how it performs in wider geographical areas. Attractive whitish-tan bark. Height to 50 ft., spread 30-40 ft. Cold hardy to USDA Zone 5.  mexicana Moric. (Mexican Sycamore) Large native tree to Texas and North East Mexico. Distinctive tree with	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Includes \$1.00 royalty Caliper: Approx. Ht: 10 RATE:	5/16 2-3'  WH Limited 5/16 2-3'  WH Limited 5/16	3/8 3-4' WH 3/8 3-4'	4-5' WH 1/2 4-5'	5-6' WH&BR 5/8 5-6' WH&BR	6-8' WH&BR 3/4 6-8'	8-10' BR 1" 8-10'	BR 11/4" 10-12'	BR 1½" 12-14'	13/4" Spec.  BR 13/4" Spec.  BR  13/4"	2" Spec.  BR Limited 2" Spec.  BR Limited 2"	N/A						

### ORNAMENTALS & SHADES 69

Platanu	s (Sycamore) (continued)	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"	10/6	ınt		TRIBU	ITES	- IC	ONS	
		Approx. Ht:	3'	4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec	Certified	Tolerant	Spring Bloom Fast Growing	mo		e .		Г
	racemosa (California Native Sycamore)	10 RATE:		Noto:	Drico	e are	not p	ublich	v dien	laved	in th	0	erti	11 2	ا ق ا ق	[원] 전	Color	Garden Size	2 >	,
1407420	Native along streams in California foothills and coast ranges. Fast growing	20 RATE:					lished						ns (	Drought 7		Summer BI Weeping	일	rder	Butterfly	1
	50-100 ft. height, 40 ft. spread. Attractive patchy, buff-colored bark. Deeply lobed leaf 6-9" in diameter. Cold hardy to USDA Zone 7.	100 RATE:	_ ""	LITICE	- 101 \ •	ı	1	111413	cry cc			'''y. –	Virus	Dr.	질 Sel	Sun We	Fa	∃lgal	Bat	-
			WH	WH	BR	BR	BR	BR	BR	BR	BR	BR Limited	N/A		✓					
	racemosa 'Roberts' (California Native Sycamore - Roberts™ strain)	Caliper:	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"	21/4"								t
	Native along streams in California foothills and coast ranges. This special	Approx. Ht:	3'	4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec	]							
4.407.400	selection of the California Native Sycamore has attractive features such as	10 RATE:											J∢							
1407426	superior patchy white/buff colored bark. It has very large leaves. In our orchards, the leaves exhibit far less effects from leaf diseases than the other	20 RATE:											N N A							1
	racemosa's. Fast growing, 50 ft. height, 40 ft. spread. Cold hardy to USDA	100 RATE:																		1
	Zone 7.		WH Limited	WH	BR	BR	BR	BR	BR	BR										1
onulu	s (Cottonwoods and Poplars)	Caliper:		3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"								I
орини		Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec	Spec								1
	fremontii (Western Cottonwood) (Drought Tolerant) Fast growing	10 RATE:				<u> </u>							A A							
1402670	to 40-60 ft. with 20-40 ft. spread. Round head. Thick, glossy yellow green triangular leaves 2-3 inches long, 3-4 inches wide. Nice lemon yellow fall	20 RATE:				-							Z							1
1102070	color. Good for desert areas where water is available. This selection is	100 RATE:								BR			-							
	seedless. Cold hardy to USDA Zone 6.			BR	BR	BR	BR	BR	BR	Limited					4	$\perp \perp$			$\perp$	1
1406690	nigra 'Afghanica' (thevestina) ( <b>Theves Poplar</b> ) Fast growing, columnar tree to 40-70 ft. tall, 10-20 ft. wide. Dark green, shiny Improved over Lombardy. Cold hardy to USDA Zone 3.	foliage.		BR	BR	BR	BR	BR	BR Limited				N/A				<b>/</b>			
1406630	nigra 'Italica' (Lombardy Poplar) Fast, columnar shaped tree growing 40-70 ft., spread 10-20 ft. Best known as tree. Bright green leaves turn beautiful golden yellow in fall. Handles cold and climates well. Cold hardy to USDA Zone 3.			BR	BR	BR	BR	BR	BR				N/A				<b>✓</b>			
runus	& Pyrus - see Flowering Fruit Tree Section pages	43-50																		Ī
	- (Oalaa)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	13/4"	2"			AT	TRIBU	ITES	- IC	ONS	;
Juercu	s (Oaks) (All Oaks have Wilt-Pruf applied)	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-8'	8-9'	9-10'	10-12'	12-14'	14'+	ا ور	Tolerant		٤				T
	labate (Mallay Cale California Milita Cale)	10 RATE:											Certified	Tole	win   00	B 00   _	_	on Size	Ē	١
	lobata (Valley Oak - California White Oak) Grows into one of North America's largest oaks. Native to California, mostly	20 RATE:											\ S	Drought 7	Spring Bloom Fast Growing	Summer E Weeping	Color	Garden Size	Butterfly	
1406005	in the hot interior valleys and foothills. Irregular, spreading growth makes it	100 RATE:											Virus	ron	ast	آيا ووايزا	Fall (	Sard	att	
	a frequent subject of photos against the winter sky. Requires regular water source - found often along creeks. Cold hardy to USDA Zone 7			WH	WH	WH/BR	BR	BR	BR				N N		<i>,,</i>	0)   2			1	t
	rubra ( <b>Red Oak</b> )			WH	WH	WH/BR	WH/BR	Limited	Limited				_		+	$\vdash$			+	$\dagger$
1406050	Large, fast grower (for oaks). Broad-headed tree. Leaves are huge, oval, and I turns from rich dull green to dark red in fall, turning brown before dropping. To pollution. Prefers acidic soils. 50-75 ft. tall by 60-60 ft. wide. Cold hardy to US many say 3.	lerant of		Limited	Limited	Limited	Limited	Limited					N/A		<b>/</b>		<b>✓</b>			
1409893	shumardii ( <b>Shumard Oak</b> ) Similar to Scarlet Oak. Tolerates moist, acidic, poorly drained soils. Moderate geventually attains a height of 50-90 with a 40-50' spread. Bark is gray, ridged, a Leaves are bright green with deeply cut lobes In Fall, foliage turns red. Cold h Zone 5, some say 4.	and furrowed.		WH Limited	WH Limited		WH/BR Limited						N/A	~			~			

### 70 ORNAMENTALS & SHADES

### The Cooke Book® - Recipes for Success

obinia	(Locusts)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		بح				JTES	s - ICC	SNC
		Approx. Ht:	2-3'	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14	Spec.	Spec.	jed	<b>Drought Tolerant</b>	Ε	Fast Growing	E		(1)	
	pseudoacacia (Black Locust) (Drought Tolerant)	10 RATE:				ı							e#	t To	8	owir Sur	8   6	, o	en Size	3 _
405010	White flowers are fragrant. Takes hot, dry conditions as well as being cold	20 RATE:							displ				s C	ngh	ng	<u>5</u>	me pin	3	den 🕏	e j
	hardy. Fast growing to 40 ft. Deeply furrowed brown bark with thorny branchlets. Cold hardy to USDA Zone 3.	100 RATE:	– inte	ernet	- for e	stabli	snea	nurse	ery cu	stome	ers on	ly.	Virus Certified	Dro	Spri	Fast	Mer Sum	Fall Color	Garden Size Utility Clear	Butterfly
	3-41-3-13-3-1 - 3-3-1 - 13-3-1 - 3-3			BR	BR	BR	BR	BR					Ϋ́	<b>✓</b>		✓				
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"								
	pseudoacacia 'Frisia' ( <b>Frisia Gold Locust</b> ) (Drought Tolerant)	Approx. Ht:	3-5'	5-6'	6-7'	7-8'	8-10'	10-12	12-14	Spec.	Spec.	Spec.	1							
405000	Rapid growing yellow-leaf black locust. New growth is nearly orange. New	10 RATE:											ΑN	/						
405020	wood is red. White flowers 1/2" - 3/4" long hang in dense clusters. Blooms mid spring to early summer. Deeply furrowed brown bark. Height 30-50 ft.,	20 RATE:											<del>2</del>		<b>1</b>					
	width to 25-30 ft. Cold hardy to USDA Zone 4.	100 RATE:																		
				WH	WH	WH	BR	BR	BR											
1405090	pseudoacacia ' <b>Purple Robe</b> ' (Drought Tolerant) Large early blossoms, purple-pink bloom as a mature tree. New foliage bronze growing to 50 ft. high, 35 ft. wide. Takes cold as well as hot dry weather. Cold USDA Zone 3.			WH	WH	BR	BR	BR	BR Limited	BR Limited			N/A	✓	<b>✓</b>	✓				
							1											_		
aliv (V	Millowo)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	1¾"	2"								
alix (V	Villows)	Caliper: Approx. Ht:		<b>3/8</b> 5'+	<b>1/2</b> 6'+	5/8 7'+	<b>3/4</b> 8'+	<b>1"</b> 9'+	<b>1</b> ½"	<b>1</b> ½"	<b>1</b> ¾" 12'+	<b>2"</b> 13'+								
alix (V	Villows)								-				4							
	babylonica (Babylonica Weeping Willow)	Approx. Ht:							-				N/A			✓	✓			
	babylonica (Babylonica Weeping Willow) Long hanging branches make this a beautiful tree for quick shade. Mature	Approx. Ht: 10 RATE:							-				N/A			~	~			
	babylonica (Babylonica Weeping Willow)	Approx. Ht: 10 RATE: 20 RATE:							-				N/A			<b>✓</b>	<b>✓</b>			
	babylonica (Babylonica Weeping Willow) Long hanging branches make this a beautiful tree for quick shade. Mature	Approx. Ht: 10 RATE: 20 RATE:	4'+	5'+	6'+	7'+	8'+	9'+	10'+	11'+	12'+	13'+ BR	N/A			<b>*</b>	<b>✓</b>			
	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:	4'+ BR 5/16	5'+	6'+	7'+	8'+	9'+ BR	10'+ BR	11'+ BR	12'+ BR	13'+  BR Limited	N/A			<b>✓</b>	<b>✓</b>			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".)	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper:	4'+ BR 5/16	5'+ BR 3/8	6'+ BR 1/2	7'+ BR 5/8	8'+ BR	9'+ BR <b>1"</b>	10'+ BR 11/4"	11'+ BR 11/2"	12'+ BR 13/4"	13'+  BR Limited 2"				<b>*</b>	<b>✓</b>			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht:	4'+ BR 5/16	5'+ BR 3/8	6'+ BR 1/2	7'+ BR 5/8	8'+ BR	9'+ BR <b>1"</b>	10'+ BR 11/4"	11'+ BR 11/2"	12'+ BR 13/4"	13'+  BR Limited 2"	N/A N/A			<b>*</b>	<b>✓</b>			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE:	4'+ BR 5/16	5'+ BR 3/8	6'+ BR 1/2	7'+ BR 5/8	8'+ BR	9'+ BR <b>1"</b>	10'+ BR 11/4"	11'+ BR 11/2"	12'+ BR 13/4"	13'+  BR Limited 2"				~	~			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE:	4'+ BR 5/16	5'+ BR 3/8	6'+ BR 1/2	7'+ BR 5/8	8'+ BR	9'+ BR <b>1"</b>	10'+ BR 11/4"	11'+ BR 11/2"	12'+ BR 13/4"	13'+  BR Limited 2"				<b>✓</b>	<b>✓</b>			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE:	4'+ BR <b>5/16</b> 3'	5'+ BR 3/8 3-4'	6'+ BR 1/2 4-5'	7'+ BR 5/8 5-6'	8'+ BR 3/4 6-7'	9'+ BR 1" 7-8'	10'+  BR 11'4" 8-9'	11'+ BR 1½" 9-10'	12'+ BR 13/4"	13'+  BR Limited 2"				<b>✓</b>	<b>✓</b>			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread. Cold hardy to USDA Zone 4.	Approx. Ht: 10 RATE: 20 RATE: 100 RATE:  Caliper: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper: Approx. Ht:	4'+ BR <b>5/16</b> 3'	5'+  BR  3/8  3-4'	6'+  BR  1/2 4-5'	7'+  BR  5/8  5-6'	8'+ BR 3/4 6-7'	9'+  BR  1" 7-8'	10'+  BR  11'4" 8-9'	11'+  BR  1'½"  9-10'	BR 13/4" 10-11'	13'+  BR Limited  2"  12'+				<b>*</b>	<b>✓</b>			
408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread. Cold hardy to USDA Zone 4.  matsudana 'Umbraculifera' ( <b>Globe Willow</b> ) (Branching starts around 38")	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper: Approx. Ht: 10 RATE:	4'+ BR 5/16 3'	5'+  BR  3/8  3-4'	6'+  BR  1/2  4-5'  BR  1/2	7'+ BR 5/8 5-6' BR 5/8	8'+  BR  3/4 6-7'  BR  3/4	9'+ BR 1" 7-8' BR 1"	10'+  BR  11'4" 8-9'  BR  11'4"	11'+ BR 11'2" 9-10' BR 11'2"	12'+  BR  13'4"  10-11'	13'+  BR Limited 2" 12'+  2"	N/A			×	<b>*</b>			
1408210	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread. Cold hardy to USDA Zone 4.  matsudana 'Umbraculifera' ( <b>Globe Willow</b> ) (Branching starts around 38") Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 35-40 ft., equal spread. Cold hardy	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: 100 RATE: 100 RATE: 20 RATE: 20 RATE: 20 RATE: 20 RATE: 20 RATE:	4'+ BR 5/16 3'	5'+  BR  3/8  3-4'	6'+  BR  1/2  4-5'  BR  1/2	7'+ BR 5/8 5-6' BR 5/8	8'+  BR  3/4 6-7'  BR  3/4	9'+ BR 1" 7-8' BR 1"	10'+  BR  11'4" 8-9'  BR  11'4"	11'+ BR 11'2" 9-10' BR 11'2"	12'+  BR  13'4"  10-11'	13'+  BR Limited 2" 12'+  2"				×	<b>*</b>			
alix (V 1408210 1408260	babylonica ( <b>Babylonica Weeping Willow</b> ) Long hanging branches make this a beautiful tree for quick shade. Mature height 30-50 ft., spread 20-40 ft. Cold hardy to USDA Zone 6.  matsudana 'Navajo' ( <b>Navajo Globe Willow</b> ) (Branching starts around 38".) Round-headed tree with upright branching habit. Ideal for cold, high desert climates. Long lived tree. Mature height 30-40 feet with nearly equal spread. Cold hardy to USDA Zone 4.  matsudana 'Umbraculifera' ( <b>Globe Willow</b> ) (Branching starts around 38") Round-headed tree with upright branching habit. Ideal for cold, high desert	Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Approx. Ht: 10 RATE: 20 RATE: 100 RATE: Caliper: Approx. Ht: 10 RATE:	4'+ BR 5/16 3'	5'+  BR  3/8  3-4'	6'+  BR  1/2  4-5'  BR  1/2	7'+ BR 5/8 5-6' BR 5/8	8'+  BR  3/4 6-7'  BR  3/4	9'+ BR 1" 7-8' BR 1"	10'+  BR  11'4" 8-9'  BR  11'4"	11'+ BR 11'2" 9-10' BR 11'2"	12'+  BR  13'4"  10-11'	13'+  BR Limited 2" 12'+  2"	N/A			~	<i>*</i>			

#### Sycamore - see Platanus - pages 68-69

Texas Umbrella - see Melia azedarach - page 66

# Recommend Sweating in Dry or Cold Climates - pg. 59

Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.

#### **Availability List**

A link to our availability list is posted on our Home page of the website. It is updated Monthly from early July through December. Right after harvest is competed, it is updated weekly through the shipping season.

### ORNAMENTALS & SHADES 71

Úlmus -	Elms Lacebark Elms - See Allee®, B	osque®, Chin	ese, D	rake, 1	rue Gr	een		-	100		1957	400	27			7 10			
		Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"		+	AT	TRIB	UTES	- ICC	NS
NEW! for 2018	Ulmus alata 'Corky' ( <i>Corky Winged Elm</i> )	Approx. Ht:	3'	3-4'	4-5'	5-6'	6-7'	7-8'	8-9'	9-10'	10-11	12'+	eq	Drought Tolerant		E		4)	
	The favorite feature is seen in the winter. Beautiful, corky, winged branches	10 RATE:				1		-					Certified	Drought Tolera	Growing	Summer Bloom	7 2	Garden Size Utility Clear	
#1403063	are quite ornamental and cut branches adds interest to flower arrangements. Dark green, pest free foliage turning to yellow in the fall. Mature height 20-35	20 RATE:									l in the		ű	ight B		Summer B	Color	힐팅	
	feet. x 10-22 feet. Cold hardy to USDA Zone 6	100 RATE:	int	ternet	- for	estab	lished	l nurs	ery cu	ıstom	ers o	nly. –	Virus	Jo   jr	Fast	E P	Fall	iard Itilit	Butter Birds
		TOU NATE.		BR	BR	BR	BR	BR	BR				A N		) [	<u>σ &gt;</u>	>   LL	<u> </u>	
11		0-11	F/4.0	Limited	4/0	F /0	0/4	4"	Limited	41/11	43/11	0"	Ž		<b> </b>	Ш.	$\frac{1}{2}$	<b>V</b>	
	americana 'Princeton'	Caliper:		3/8	<b>1/2</b> 4-5'	<b>5/8</b> 5-6'	3/4	<b>1"</b> 8-10'	11/4"	11/2"	<b>1</b> <sup>3</sup> / <sub>4</sub> " Spec.	2"	-			2 3	ا <b>ء</b> أ		
	A medium to large American Elm Native to eastern and central North America.	Approx. Ht:	2/2-3	3-4'	4-5	5-6	6-8'	8-10	10-12	12-14	Spec.	Spec.	1			ont	. <b>5</b>		
1403075	Vase-shaped, rounding with age, growing to 50-70' tall and 30-50' wide.	10 RATE: 20 RATE:											₽		<b>✓</b>	ab	ا ا		✓
	Resistant to Dutch Elm Disease. Suitable for shade, lawn or street tree.	100 RATE:									-	-	-			and	) S a		
	Cold hardy to USDA Zone 3.	100 RATE.	Limited	Limited	Limited	-				Limited			ł			po d	5 <b>€</b>		
	americana 'Valley Forge' (Valley Forge Elm)	10 RATE:	ļ	Lillilea	Limited					Lillited						light wood	rinstructions on rage 56. To b site at www.lecooke.com.		
	Lining the Main Streets of America were the magnificent, beautiful and stately	20 RATE:											1			light.	at		
	American Elms. After being decimated by Dutch Elm Disease, the Elms are	100 RATE:	-									-	4			ALL	site		
1403090	making a comeback, led by Valley Forge Elm. It has proven to be highly resistant to Dutch Elm Disease. This classic vase shaped tree with arching	100 KAIL.											ĮŠ			₽ gi	web		
	limbs reaches a height of 70 ft and spread of 60-70 feet. Medium green foliage, yellow fall color. Cold hardy to USDA Zone 5.					Limited				Limited	Limited					Removing A		ı	
		10 RATE:													+	a S	from		
	parvifolia ' <b>Drake'</b> ( <b>Drake Elm</b> ) (Wilt-Pruf) Fast growing, often reaching 30' high in five to six years. Form is generally	20 RATE:											1				sh f		
1403060	spreading with long, arching branches. Lacebark. Leathery, oval-shaped	100 RATE:											₹		1	em!	ani		
	leaves up to 2" long and 1-1/2" wide. Has smaller leaves and more weeping habit than seedlings. Height to 40 ft., spread to 40 ft. Hardy to Zone 6.	10010112.		BR Limited	BR	BR	BR	BR	BR	BR Limited	BR Limited					lose them!	dS pu	ı	
	(AVIII De D	10 RATE:														<u>o</u> +	sh a		
	parvifolia 'Emer II' (Allee® Elm) (Pat. #7552) (Wilt-Pruf) Large, outstanding lacebark elm for urban and country environments.	20 RATE:	:													Se Se	ngii 		
1403010	Dramatic upright arching growth to 75 ft. high by 60 ft. wide at maturity. Rich	100 RATE:											\ N N		<b>✓</b>	will likely	n E		
	green summer foliage, yellow to rosy pink fall color. Attractive exfoliating bark. Cold hardy to USDA Zone 5.	(Includes \$1.00 royalty)		BR Limited	BR Limited	BR	BR	BR	BR	BR	BR Limited					you w	ers grown out or dormancy. Elms in English and Spanish	ı	
		10 RATE:														ō	1   Joh		
	parvifolia 'Sempervirens' ( <b>Chinese Elm - Seedling</b> ) (Wilt-Pruf) Hardy, fast growing. Form is spreading with long, arching branches. Lace-	20 RATE:											1			ed t	n n		
1403055	bark. Leathery, oval shaped leaves are up to 2" long and 1-1/2" wide. En-	100 RATE:											₹ N		<b>✓</b>	pruned	uctic		
	dures cold, heat, drought, and poor soil. Heights from 40-60 ft., spread 50-70	10010412.		BR	BR	BR	BR	BR	BR	BR	BR		i			be p	uerrydrauon and u runing instructions		
	ft. Cold hardy to USDA Zone 6.										Limited					stk	yar ii gu		
	Ulmus parvifolia ' <b>True Green</b> ' (True Green Chinese Elm) (Wilt-Pruf)	10 RATE:											1			must	uni uni		
	More evergreen than other Chinese Elm varieties. Has small, glossy deep	20 RATE:	:										- K		./	ms	e b		
1403002	green leaves. Bronze or gold in Fall. Multi-colored exfoliating bark. Round-	100 RATE:											ÌŻ			a E	hes		
	headed. 40-60' height with 50-70' spread. Cold hardy to USDA Zone 6.			BR Limited	BR	BR	BR	BR Limited								foli	ad t		
	popiifolio (LIDMTE) (Pagarugo Elm) (Pat #44005)	10 RATE:														arvi			
	parvifolia 'UPMTF' ( <b>Bosque® Elm</b> ) (Pat. #11295) (Wilt-Pruf) Exquisite, upright oval form with a central leader and uniform branching.	20 RATE:	1													g b	do		
	Puzzle-like exfoliating bark with rich shade of gray, orange-brown and green.	100 RATE:	-										N N		✓	<u>m</u>	gu	<b>✓</b>	
	Lustrous dark green leaves give way to golden yellow fall color. Mature size is 50-55 ft, tall by 35 ft. wide. Cold hardy to USDA Zone 5.	(Includes		BR Limited	BR Limited	BR	BR	BR	BR	BR Limited			ĺ			Ulmus parvifolia Elms r	5		
March		\$2.00 royalty)	)			]													

### 72 ORNAMENTALS & SHADES

### The Cooke Book®- Recipes for Success

Vitex agnus-castus (Chaste Tree)													t	ATT	RIBU	UTES	- ICO	NS
(Bush Form)	Min. Height:	9"	12"	18"	2'	3'	4'	5'	6'	8'	10'	eq	Drought Tolerant	E 5	E		0	
Broadly growing shrub with attractive clusters of colorful flower spikes in summer to fall.	10 RATE:					1						ertifi	t 70	300   Wi	<u>۾</u> اڇ	ا م ا	Sizt	
Aromatic gray-green leaves. Rapid grower in desert, slower in cooler areas. Height 15-25 ft., width 20-25 ft. Prefers summer heat for more colorful blooms. Tolerates many types of			Note: ernet									Virus Certified	ugh.	Spring Bloom Fast Growing	Weeping	Fall Color	Garden Size Utility Clear	Butterfly
soils and climates. Cold hardy to USDA Zone 6.	100 RATE:	_ 1110	ı	101 0	ı	ı	ı	l y CC	ı	1	ııy.	   Xir	Drc	Fas	N Sun	:  <u> </u>	Ē Ē	But B
1407906 Cooke's Blue™ Vitex agnus-castus Special blue-lavender flower selection.								Limited					✓		/			1
1407902 Cooke's Pink™ Vitex agnus-castus Special pink flower selection.								Limited				\ N N	>		/			<b>√</b>
1407904 Cooke's Purple™ Vitex agnus-castus Special purple flower selection.			Limited					Limited				Z	<b>&gt;</b>		/			<b>✓</b>
1407908 Cooke's White™ Vitex agnus-castus Special white flower selection.			Limited					Limited					✓					✓
(Tue o Ferma)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	1½"	1¾"	2"							
(Tree Form) Trained up as a single stem tree. Attractive clusters of colorful flower spikes in summer to	Approx. Ht:		2½-3'	3-4'	4-5'	5-6'	6-8'	8-10'	10-12	12-14								
fall. Aromatic gray-green leaves. Rapid grower in desert, slower in cooler areas. Height	10 RATE:																	
15-25 ft. Prefers summer heat for more colorful blooms. Tolerates many types of soils and	20 RATE:																	
climates. Cold hardy to USDA Zone 6.	100 RATE:																	
1407907 Cooke's Blue™ Vitex agnus-castus Special blue-lavender flower selection.			Limited	Limited								ΑN	<b>√</b>		/		< <	<b>✓</b>
1407905 Cooke's Purple™ Vitex agnus-castus Special purple flower selection.			Limited	Limited								Ž	<b>V</b>				<b>✓ ✓</b>	<b>✓</b>
Willow - see Salix - page 70																		

Desert Willow - see Chilopsis - page 62

<b>7</b> allassa	/ Jananasa Kaski Elm)	Caliper:	5/16	3/8	1/2	5/8	3/4	1"	11/4"	11/2"	13/4"	2"			ΑT	TRIE	UTE	S - IC	ONS
Zeikova	(Japanese Keaki Elm)	Approx. Ht:	3-4'	4-5'	5-6'	6-7'	7-8'	8-10'	10-12	12-14	Spec.	Spec.	٥	rant		٤			
		10 RATE:											Certifie	[월]	wing	Bloo	_	Size	gar
	serrata ( <b>Zelkova Serrata</b> ) (Wilt-Pruf) Moderate to fast, upright growing. Smooth, gray bark like that of a beech.	20 RATE:											s Ce	Jght,	g B G C	mer	Sold Colo	Jen S	
	Autumn colors range from yellow to orange-red. Heights to 60 ft., width to 40	100 RATE:											Virus	Dro.	Spring Bloom Fast Growing	Sum	Wee	Gard	Butterfly
	ft. Cold hardy to USDA Zone 5.			WH	WH	BR	BR	BR					N/A		<b>✓</b>		✓		
		10 RATE:														П			
	serrata 'Village Green™' (Wilt-Pruf) Fast grower with smooth, straight trunk and graceful, arching branches.	20 RATE:																	
#1408630	Deep green foliage turns a rusty red in the fall. Height 50-60 ft., spread to 40	100 RATE:											N/A		✓		<b>✓</b>		
	ft. Cold hardy to USDA Zone 5.	(Includes \$.50 royalty)	WH Limited	WH	WH	BR	BR	BR	BR Limited										

Download Zelkova Pruning Instructions in English & Spanish from our web site at www.lecooke.com.

# Recommend Sweating in Dry or Cold Climates - pg. 59 Add \$.60 per tree for bundles of 5 in sizes 1/2" or smaller or corresponding height. 5/8" & up are in bundles of 5. No orders less than 5 per variety.



**Zelkova must be pruned or you will likely lose them!** Removing **ALL** light wood and about 1/2 of the heavier branches reduces dehydration and triggers growth out of dormancy. See image & instructions on Page 59.

#### Drought Tolerant - What Does it Mean in the Catalog?

Every year some parts of the country are having drought issues. The West has been having below normal winter rainfall for several years with the accumulated shortfall and low reservoirs finally catching the public and politician's attention in recent years. Arizona is always in a "Water Wise" state of mind. Texas has had its share of below normal rain and serious effects of drought over the years. A few years ago it was Georgia and the southeast. Water stress is not uncommon.

The nursery trade as a whole is very aware that the general public over-waters most everything. It is our job to help educate. Here are a few facts that can be used:

- 1) Deciduous trees, once dormant, for the most part do not need water during the dormant period. I can usually turn off my water system in my yard in late October and not turn it on again until early March. Almost 5 months of no water use in the yard in our arid climate. A token amount of rain is all that is needed for my shrubs and lawn (soon to be gone). Most all deciduous trees are "water wise" if you turn off the water when dormant.
- 2) Trees, if watered properly and deep, can withstand tough years. Case in point: The Texas drought saw millions of wildland native trees die. But in traveling around I noticed that it was the trees along the creeks and gullies that were dead and the trees away from the easy water on the tops of the hills and flatlands that were still alive. In a harsh environment, they developed a root structure able to reach water. Think about the ramifications of that observation for how we water trees or design landscapes.

Every climate and the varieties that normally would grow there have different water needs. A tree selected for Phoenix will have different water needs than one selected for Atlanta. Three weeks of no rain in the summer in the East creates drought-like worries. Five months of no rain in the West is normal. A Cercis occidentalis can survive from May to September in our California foothills with no rain except a rare August monsoonal thunderstorm that drifts over the Sierras from Arizona (trees don't look so good but they survive). I would not plant it in the East.

"Drought Tolerant" in the Catalog: One definition I would like to use could be to think of it as a tree or plant, that once properly established with deep roots, will survive through 3-4 weeks of no water during the driest time of your year. But that is not good enough as some trees that met that criteria for Atlanta could fail in Phoenix. So we have to live with a more nebulous definition. The items checked as drought tolerant have proven to handle water stress in their normal environment much better than the average for that area. For example, Western Redbuds and the thicker leaves of Oklahoma and Texas White Redbuds handle water stress much better than Cercis canadensis. For many of us, it might pay to look closer at the "Drought Tolerant" column as we learn to conserve water.

#### What Does Virus Certified Mean?

Just like humans, plants can get and host their own form of viruses (harmless to humans). Some viruses do nothing outward to the tree or plant, some cause cosmetic blemishes to foliage and others can cause various issues that could lead to a shorter tree life or less productive fruiting.

Science and technology have found ways to measure whether a tree has certain detrimental viruses. Through tests, a tree can be certified as virus free. In California, there is a very strict protocol to be used to produce virus certified trees.

- 1) The source of the budwood must come from a tree whose origins can be traced back to an original tree cleaned up of viruses by the University of California Davis or Washington State University Prosser. This is called the Foundation Tree.
- 2) Budwood / scion wood source trees must be isolated from other blocks of trees that could pose a risk of contamination. The L.E. Cooke Co has a "Foundation Block" made up of the original tested trees in screen houses plus Mother Blocks (1st generation from the Foundation trees) and Registered Blocks which come from the Foundation or Mother Blocks. The majority of the wood for production comes from the Registered Blocks.
  - 3) All source trees in all of the three Blocks are tested every year.

The L.E. Cooke Co has lead the industry in Virus Certification efforts with the widest number of varieties certified and the only non-governmental/non-university screen house for Foundation class trees.

#### **Success with Bareroot**

Air, dirt and rainfall. How simple can it be? Apparently not so simple or nurseries make it harder than it needs to be. While most customers have learned to be very successful handling bareroot, others find it a challenge. We would rather you learn from the success and failures of others instead of learning from the school of hard knocks. We've been doing this 70 years and have gained a lot of experience along the way.

#### **Receiving and Temporary Storage**

After you carefully unload the truck (gently handling to avoid scrapes and broken branches) you have two immediate goals:

- 1) Keep the roots from freezing. The tops can handle freezing weather.
- 2) Keep the roots from desiccating in the sun. Temporarily keeping the roots in the shade and misting them occasionally during the day is sufficient. They do not need to be kept dripping wet. Storing them in a tub of water will be damaging don't do that.

#### **Temporary Storage:**

Storing in coarse sand is preferred. Use cement (river) sand or coarser. Do not use fine plaster sand. We prefer you not store in straight organic matter unless for only a few days. Can be stored in good draining canning media.

#### Other ideas:

Farmers often dig a trench, place the bundles in the trench and back fill the loose, damp soil. In a late afternoon rush, lay the trees on the ground and use your skip loader to dump sand on the roots.

Placing the bundles in a greenhouse, shed, barn, garage or cellar are all temporary measures to prevent night time freeze and daytime desiccation. Covering with plastic is not recommended. It is a poor insulator from nighttime cold and overheats the roots in the sun during the day.

Be sure the storage area drains well and the trees are not in standing water.

ORGANIC is not recommended for storage because it is a host to Phytophthora, Rhizoctonia, Pythium, and other water fungus - molds. It also holds too much water, damages dormant roots, causes Adventitious Roots and other root problems. It can also overheat through decomposition.

Selling your bareroot trees directly from temporary storage is a great way to generate early season income. Having the trees **pre-sold** is even better (ask us about it). Then the customers can stop by right away making your life much simpler and profitable.

#### Canning

#### What size cans?:

If potting bareroot trees for sale, we recommend the following caliper or height per the following size grower pots:

#### For trees:

5 gal - 3/8", 1/2" and 5/8"

7 gal - 5/8" EZ-Pick® Fruit Trees look best in this size!

15 gal - 5/8" and 3/4"

25 gal or 24" box - 1", 1 1/4" and 1 1/2"

#### For Bush / Clumps

5 gal - 3 foot heights and smaller 15 gal - 4', 5' and 6' heights 25 gal or 24" box - 8' and larger heights

#### For shrubs

2 gal - 6", 9", 12" 5 gal - 18", 2' and 3' 15 gal - 4' and 5' 25 gal or 24" box - 6', 8' and larger

If your pots are not full size (in gallons), you may have to move the larger sizes of the range to the next pot size. We grow and ship trees with healthy, large root systems. If in doubt, go larger.

#### Canning Media:

Can in a media of approximately 50-60% chunky pine or fir wood and about 20-25% coarse sand (cement, not plaster or beach sand), and 20-25% #4 perlite or rice hulls. We have seen variations of this mix but must have good aeration. If you have available good sandy loam soil, replace the sand and reduce the wood 10%. Remember, roots use oxygen (why most feeding roots live under the top 6"-12" of soil) so a mix that starves the roots of oxygen is not good. Watch out for highly saturated organics, silt, clay and anaerobic action from decomposition.

Water in the day canned to eliminate all air pockets and make the media moist throughout. If you feel there may still be a large air pocket or dry media, water in the next day.

#### **DO NOT WATER AGAIN UNTIL IN LEAF**

#### Prunina:

Certain varieties need pruning to survive (pomegranates, almonds, elms, hackberries) so see specific instructions on them. Most varieties you are receiving need very little pruning other than developing the shape you want and or reducing an overly large top. If you prune for shape while canning, you should not have to take time in the spring when busy with other plants and shipping.

Mid April – if you have a tree slow to leaf, trim off small wood.

#### DO NOT WATER AGAIN UNTIL IN LEAF

Why do we say that?

Winter season care for deciduous trees and plants is different from evergreens. When the tree has gone dormant and lost its leaves, it no longer is transpiring water.

All the tree needs is a little dampness around the roots (note - not soggy wet!). In the ground, trees have sufficient dampness from even small amounts of rain during the winter months. Our experience is the same for trees in cans. The center and bottom of the container, which is where you want your roots to grow, holds sufficient moisture for months when there are no leaves. Even if the top 2-3 inches feels dry, the center and bottom of the can has moisture.

These trees have stored lots of sugar in the roots and trunk to use the next spring to develop feeder roots and push for new leaves and growth. You do not need to water again after the day of canning. No watering until in leaf in March/ April. Limited rain will cover any needs. If the media is wet, it will leach out the sugar needed later. The media may dry on top down an inch or two, but remain damp where the roots are in the container. The new white feeder roots will develop by seeking water in the damp media and not melt as happens in wet media.

#### In other words - can, water in good, forget until in leaf

Like people, the trees will not all act the same. Some will leaf out before others. Employees need to **avoid watering those not in leaf**. Employees tend to do the opposite and add extra water to the slow trees feeling it is what is needed and they do not want to be responsible for a tree drying out. Watering the tree that is slow to leaf only causes more delay or kills it by rotting away the new developing feeder roots. Rain has high oxygen roots can use. City water usually does not and can contain chlorine which destroys new feeder roots. City water is not as much a problem once these roots are well established.

Leafing will begin in March/April depending on the weather. Persimmons and pomegranates are often the last to leaf. Leave them alone. Leafing of trees is also based on chilling requirements. If a cold winter, all come out about the same time. If mild weather, the 200 hour varieties will leaf before the 300 and the 300 before the 400 hour varieties, etc. Chilling is based on 45°. Most years the trees will have at least 400-500 hours before we ship. Depending on your weather, the trees should be well established by June 1.

High salts from fertilizer can slow root growth and leafing. Slow release of phosphate and potassium helps root development but if applying Nitrogen early most will be leached out before leafing. If using fresh wood, some nitrogen will be needed for decomposition. Once in leaf you can consider light fertilizing.

#### **BAREROOT DELIVERIES ON POOL TRUCKS** (Dependent on weather conditions)

November - Berries & Vegetables only are available to ship on pool trucks within California and U.P.S. for out of state.

January - First or Second Week: Alabama, Arizona, California, Florida, Georgia, Louisiana, Mississippi, Nevada (southern), New Mexico (southern), North Carolina (southern), South Carolina, Texas, Utah (southern)

January - 3rd Week: California, Oregon, Washington, British Columbia, Hawaii

January - 4th Week: Arizona, Arkansas, California, Kansas, Missouri, New Mexico, Oklahoma, Tennessee, Texas (northern areas),

Ontario - Canada

All deliveries after 1st of February must be in Cold Storage by January 20th. No cancellations can be allowed once in cold storage. \*All deliveries after February 1st will include Cold Storage fees.

\*February - 4th Week: Arizona, Arkansas, Connecticut, Delaware, Kansas, Kentucky, Maryland, Massachusetts, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Rhode Island, Tennessee, Texas (northern area), Virginia, West Virginia

\*March - Early March (1st or 2nd Week): Arizona (northern area), Colorado, Indiana, Illinois, Michigan, Nebraska, Ohio, Pennsylvania

\*March - Mid March (2nd to 3rd Week): Arizona (northern area), California (Bishop and north eastern areas), Colorado, Idaho, Maine, Nevada (Reno area), New Hampshire, New Mexico (northern), Pennsylvania, Utah, Vermont, Washington (eastern), Ontario - Canada

U.P.S., L.T. L. and/or Air shipments can be scheduled any place in the world from January through April weather permitting.

\* Denotes 4% cold storage charges plus 1% for every 10 days after March 1st. Additional and late orders are dependent upon availability of dormant stock.

#### CALIFORNIA NURSERY STOCK CERTIFICATE FOR INTERSTATE AND INTRASTATE SHIPMENTS

No. B5163

This plant material or nursery or premises from which the shipment was made has been inspected and found free from especially injurious plant pests and disease symptoms.

> THIS SHIPMENT NEED NOT BE HELD FOR INSPECTION IN CALIFORNIA

Issued by:

FULARE COUNTY AGRICULTURAL COMMISSIONER

#### CALIFORNIA SNAIL-FREE MASTER PERMIT NO. 54-12-1

The plant material in this shipment comes from a snail-free source and is apparently free of phytophagous snails.

Agricultural Commissioner Signature

Marilyn Kinoshita . Agricultural Commissione Tulare

County Agricultural Commissione

**RIVERDALE, MD 20737 FEDERAL COOPERATIVE** DOMESTIC PLANT QUARANTINE

CA#: 54-B5163.001

USDA - APHIS - PPQ

**4700 RIVER ROAD** 

#### WHOLESALE LIST

This List Cancels All Previous Quotations. Prices are quoted in U.S. Dollars.

(ALL future order prices are subject to change prior to delivery; upon our notification, even if previously confirmed.)

#### **TERMS:**

All prices are F.O.B. Visalia, Calif. All accounts are due on the first of the month and payable by the 10th for nurserymen with established credit. All Berries, Vegetable plants, Sales Aids & Supplies are payable on the 10th of the month following delivery. As a courtesy, an additional 30 days is available on bareroot trees, shrubs, and grapevines only. Credit can be established by credit application only. Copies can be faxed or downloaded from www.lecooke. com. We cannot assure a determination on a credit application unless made at least six weeks before shipment. A 5% credit on all monies received prior to November 1st will be applied toward the purchase of bareroot stock. Reduced to 3% if Credit Card used. A 2% credit will be applied on all monies received after November 1st, but prior to shipping of bareroot stock. Not applicable for Credit Card payments. This is on nursery business accounts only. No Cash discount other than listed above.

Liquidated damages by way of a FINANCE CHARGE OF 2% per month (24% per annum) will be made on all overdue accounts. In the event the L.E. Cooke Co. incurs any costs in collecting overdue accounts or retains an attorney to enforce any provisions of its invoices, or the terms or payments of any check or notes given in payment of any part of the invoices, the purchaser agrees to pay to L.E. Cooke Co. all costs of collection including a reasonable attorney's fee, in any event not less than 40% of any monies due L.E. Cooke Co. by purchaser or \$50, whichever sum is greater.

#### ORDER VOLUME & PREPAYMENT DISCOUNTS:

Refer to page 4 (Front Section of Catalog).

#### **PRICES, QUANTITIES & QUANTITY DISCOUNTS:**

Prices are based on minimum number as tied. Additional 5% or 10% discounts are available by variety based upon quantity breaks as listed. 60¢ per tree charged for splitting to 5 on smaller grades. (Shrubs and Semi-Dwarf - see price pages). Quantities less than 5 will not be confirmed until after dig out, and only if odd bundles occur.

#### **CALIFORNIA IMPROVEMENT ASSESSMENT:**

State law requires a 1% assessment to be collected on all pome and stone fruit or flowering trees, nut trees, and grapevines. This money is for research on improved virus detection, testing of budwood and seed tree sources, and treatments to eliminate viruses.

**WILT-PRUF:** 1% of order.

#### **PACKING:**

- Free when shipped bareroot on truck shipments.
- Root baling only (Shingletow and burlap) 4%.
- Boxing (recommended on all shipments by common carrier) 6%.
- Root washing 10%

#### **COLD STORAGE:**

Orders of bareroot stock requiring cold storage will be charged at cost, 4% minimum (pays to March 1). 1% per each 10 days thereafter. No storage needed until after Feb. 1st

#### **DELIVERY:**

- CALIFORNIA: Nominal delivery cost to most areas. Minimum order for the first delivery on pool truck is \$1,000.00. Surplus deliveries \$400.00 minimum. Orders less than minimum F.O.B. Visalia or \$75.00 drop in addition to delivery charge if delivered on our truck. Delivery cost percentage reduces as order grows in size.
- INTERSTATE: We deliver to most states, during season, by long haul carriers at a low delivery price. Contact us for estimated delivery cost. Rates are based on \$1,200.00 minimum. We will deduct from your base freight rate 1% for orders over \$12,000.00, 1½% over \$18,000.00. Orders over \$24,000.00 are shipped at cost. Orders received from out of state, after our pool trucks have completed delivery, will be shipped L.T.L. freight collect. Orders less than minimum are subject to an additional \$150.00 drop charge. Delivery costs on confirmations are best estimates only and subject to change based upon transportation conditions at time of loading.

New Customer order minimums may be adjusted lower.

#### **CLAIMS:**

- Claims for errors, shortages, or damage must be made in writing to our office within 10 days of delivery.
- Due to the perishable nature of nursery stock, there is limited warranty after receipt by the customer. See your sales representative for complete claims policy. Claims for viability must be submitted in writing by JUNE 1st or within 90 days of delivery.
- Claims for damage or viability are to be held for review by sales representative.

- Some minor loss may be experienced (one or two of a variety) and are considered a cost covered by buyer's markup.
- Claims may be void if L.E. Cooke Co. recommended handling of bareroot is not followed.
- Claims may be void if recommended mixes are not followed or if redwood, cedar, bark or green waste mixes are used.
- Claims may be void if roots are exposed to Ethylene Gas.
- No claims will be considered if made after the specified periods.

#### **CONDITIONS:**

Orders are booked subject to crop growing conditions and availability. Any order may be reduced or voided at the option of L.E. Cooke Co. should any stock be damaged or destroyed through drought, flood, fire, frost, hail, manmade or Acts of God, errors in count or as a result of any other cause beyond the control of L.E. Cooke Co. If any loss, damage, injury, or shortage in growth of nursery stock prevents filling orders as confirmed, we reserve the right to reduce the quantity to be delivered or to substitute a smaller or larger grade. Prices will not be increased for changes made after original confirmation, except for those changed to preferred sizes. "WANTS" filled at a later date will be at listed price for size confirmed.

#### **CANCELLATIONS:**

All cancellations must be submitted in writing and received by August 25th. Cancellations after August 25th are subject to a fifteen percent (15%) late cancellation / restocking charge. Exception is where L.E. Cooke Co made greater than one size substitution. Order decreases cannot be allowed once put into cold storage after January 15.

#### **GUARANTEE:**

L.E. Cooke Co. will exercise care to have merchandise true to name, provided it is expressly understood that all orders are accepted on the condition that it makes no warranty, expressed or implied as to description, quality, productiveness, crops, or any other matter whatsoever, that its liability in every instance whatsoever is limited to the purchase price. No liability is assumed by seller for delay or failure to deliver caused by war, strikes, fire, floods, droughts, embargoes or any other contingencies beyond seller's control.

"EXCELLENCE" IN BAREROOT FROM THE NURSERIES OF L.E. COOKE CO.

**EZ-Pick®** fruit trees are topped in the field to force lower branching - something a homeowner should do but was always afraid to do it. For the retail nursery, this has created a "Premium looking" fruit tree for only a few dimes more and should be priced to generate higher margin levels since they cannot be found in the box stores. We recommend that the tops be reduced by the nursery for higher transplant success. If you don't top them, at least do cosmetic pruning. Remove the extra small wood and reduce some of the main branches about 1/3. This pruning will help the survival rate.

#### How We Build Espaliered Apples

Three year field. Two year top.
First Tier starts at 24" from the ground.
Second Tier starts 15" higher or 39" from the ground.
Third Tier starts 15" higher or 54" from the ground.
Gentral leader is removed above 54".

Side branches are to be minimum of 18" from the trunk on both sides for first Tier, 15" on the second Tier and 12" for third (top) Tier.

A 2 Tier tree has either the bottom two Tiers or the top two Tiers, but <u>not</u> the bottom and top but missing the middle.

