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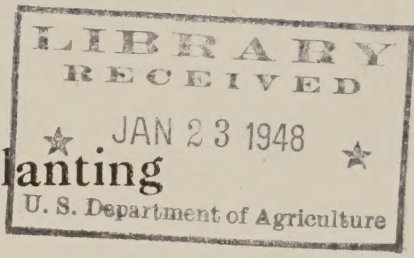


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1948

Ward's Nursery

# Citrus Trees For Winter and Spring Planting



We have 100,000 extra nice citrus trees for winter and spring planting ranging from 1/2 inch up to 1 inch caliper. These trees are on Rough Lemon, Sweet Lemon, Sour Orange and Cleo rootstocks, the root being 3 years old and the buds 1 and 2 years old. These are superior trees in every way—no better ones can be found anywhere. They are grown from especially selected budwood from heavy bearing trees.

Our prices have not been increased since the winter of 1945-46 though the cost of production has increased very materially. Our prices range from \$1.00 up to \$1.40 per tree for 1 inch trees in lots of 500 or more. Trees of very desirable planting size can be furnished @ \$1.10 to \$1.30 per tree. All trees are calipered and charged for according to size. Temples, tangerines and tangelos are 10c per tree higher than other varieties.

The following varieties are available for winter and spring planting:

**ORANGES:** Hamlin, Parson Brown, Pineapple, Jaffa, Valencia, Reasoner's Valencia, Lue Gim Gong, Temple, Orlando and Surprise Navel.

**GRAPEFRUIT:** Duncan, Marsh Seedless and Thompson (Pink Seedless.)

**OTHER VARIETIES:** Dancy tangerine, Persian Seedless lime and Kumquats.

We have most of the above varieties on both Sour Orange and Rough Lemon root and a few varieties on Sweet Lemon and Cleo root. The various rootstocks and different varieties are described in our circular, "Tips to Growers."

A substantial portion of our trees are already booked for winter delivery. May we suggest you determine what trees you will need and place your order soon? Reservations can be made by making a down payment of 25c per tree and the balance can be paid at time of delivery. Your order will be given careful attention and superior trees will be furnished for your planting. Any additional information will be furnished upon request. May we have the pleasure of hearing from you?

## Ward's Nursery

Nursery Phone 119-M

Residence Phone 59-M

Avon Park,

Florida





# PRICES for WINTER of 1945-46

FOR LOTS OF 100 TREES OR MORE

$\frac{1}{2}$ inch....	<b>\$1.00</b>	$\frac{5}{8}$ inch....	<b>\$1.10</b>	$\frac{3}{4}$ inch....	<b>\$1.20</b>	$\frac{7}{8}$ inch....	<b>\$1.30</b>	1 inch....	<b>\$1.40</b>
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ALL TANGELOS, TANGERINES and TEMPLE ORANGE trees are 10 cents higher than above prices.

For 1 to 15 trees add 20c per tree; for 16 to 50 trees add 10c per tree.

Orders of 500 trees or more will be delivered by truck in Florida without additional charge.

TREES ON ROUGH LEMON AND SOUR ORANGE ROOT STOCK

Some varieties on Cleo and Sweet Seedling Orange root

## VARIETIES

**Oranges** —Orlando, Hamlin, Parson Brown, Improved Pineapple, Jaffa, Valencia, Lue Gim Gong and Temple.

**Grapefruit** —Duncan, Marsh Seedless, and Thompson Pink.

**Tangelos** —Lake.

TREES RESERVED BY PAYING 20c PER TREE DOWN, BALANCE WHEN TREES ARE SHIPPED.

## WARD'S NURSERY

Phones 59-M & 119-M

AVON PARK, FLA.

2½ Miles East of Avon Park on NEW BOMBING RANGE ROAD, Fla. 567



## ***OUR GUARANTEE***

We guarantee all trees delivered to be true to name, to be in good marketable condition and to have a good root system. We do not guarantee all trees to live as this depends largely on weather conditions and the manner in which the trees are handled and cared for after leaving the nursery. Our responsibility under this guarantee is limited to the purchase price of each tree.

When trees are bought in advance and a down payment is made on them, we assume the loss in the event of a freeze, but in the event of damage to trees which is so severe as to render them unfit for planting, we reserve the right to refund the cash paid and call the deal off or to furnish similar trees at the same price at a later date.

We have a warm location but are prepared to fire our nursery in the event of a severe freeze.

### **OUR CAREFUL BUDWOOD SELECTION PRODUCES SUPERIOR TREES.**

We have quit grafting avocado and mango trees and will not have such trees for sale in the future. They may be secured from Willie Williams, Avon Park, Florida.

## ***REMARKS***

We have sold out of lime and lemon trees for the present but will have the following varieties for sale next summer.

**PERSIAN SEEDLESS LIME; MEYER LEMON and AVON LEMON.**

We expect to have a fine lot of trees for planting in the summer and winter of 1946. Please contact us for reservations.

These prices effective December 1, 1945.

***WARD'S NURSERY, AVON PARK, FLORIDA***

Due to the low prices  
of citrus fruit this  
year we are selling  
trees at the old 1945-46  
prices though the cost  
of production has increased  
50% since then

W. F. Ward

1870. The first year of the war. The first year of the war. The first year of the war.

1871. The second year of the war. The second year of the war. The second year of the war.

1872. The third year of the war. The third year of the war. The third year of the war.

1873. The fourth year of the war. The fourth year of the war. The fourth year of the war.

1874. The fifth year of the war. The fifth year of the war. The fifth year of the war.

1875. The sixth year of the war. The sixth year of the war. The sixth year of the war.

1876. The seventh year of the war. The seventh year of the war. The seventh year of the war.

1877. The eighth year of the war. The eighth year of the war. The eighth year of the war.

1878. The ninth year of the war. The ninth year of the war. The ninth year of the war.

1879. The tenth year of the war. The tenth year of the war. The tenth year of the war.

1880. The eleventh year of the war. The eleventh year of the war. The eleventh year of the war.

1881. The twelfth year of the war. The twelfth year of the war. The twelfth year of the war.

1882. The thirteenth year of the war. The thirteenth year of the war. The thirteenth year of the war.

1883. The fourteenth year of the war. The fourteenth year of the war. The fourteenth year of the war.

1884. The fifteenth year of the war. The fifteenth year of the war. The fifteenth year of the war.

1885. The sixteenth year of the war. The sixteenth year of the war. The sixteenth year of the war.

1886. The seventeenth year of the war. The seventeenth year of the war. The seventeenth year of the war.

1887. The eighteenth year of the war. The eighteenth year of the war. The eighteenth year of the war.



# TIPS FOR GROWERS

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To answer many questions regarding rootstocks in common use and varieties of citrus for commercial planting, the following information is presented. These are a few simple statements based on common knowledge and no attempt is made to discuss any point fully or scientifically. There are many varieties for both home and commercial use which are not mentioned, and those discussed are the varieties which are being propagated at our nurseries at the present time.

## ROOTSTOCKS FOR CITRUS

**Sour Orange:** This stock is largely used on the heavier and damper hammock soils and flatwoods soils, on most soils in the northern part of the citrus belt and on the semi-muck and drained lands of the East Coast. It stands more cold than Rough Lemon stock. It produces a high quality fruit, somewhat higher in both juice and solids and does not dry out as readily as fruit on lemon stock. Trees growing on Sour Orange stock are slower growing and do not bear quite as heavily as trees on lemon stock.

**Rough Lemon:** Used more extensively at the present time than any other rootstock. Adapted to higher, sandier, Norfolk soils. Has an extensive root system. With proper fertilization and management, including the use of the various "minor elements," good quality fruit can be produced. Trees on this stock grow quite rapidly.

**Sweet Lemon:** This variety has the best developed root system of any of the common rootstocks. It has an extremely heavy feeder root system with many brace roots and withstands drought better than any other rootstock in use at present. Trees on Sweet Lemon root grow off more rapidly, stand drought better and bear earlier than trees on Rough Lemon stock. Suitable for all well drained soils.

**Cleopatra Mandarin:** Commonly called Cleo. It is a popular rootstock for all except wet soils. It produces thin skinned, smooth fruit of high quality which hangs well beyond maturity without drying at the stem end. Increasing in popularity and use. Now being planted on well drained soils where Sour Orange stock was formerly used.

## SPECIAL CITRUS FRUITS

**Tangelos:** Of all of the various tangelos which have been developed, the Orlando or Lake and the Seminole are the best commercial varieties at present. The Orlando is a cross between the Ruby Blood orange and the tangerine and peels easily. It is rapidly increasing in popularity, maturing in October and November and is followed by the Seminole. A detailed description of these fruits is given in Circular No. 181 entitled "New

Citrus Hybrids," published by the United States Department of Agriculture. We propagate both varieties. Our budwood trees were grown from budwood of the original government trees. These tangelos are well worth investigating and will undoubtedly be profitable varieties in the immediate future.

**Temple Orange:** This is a "kid glove" type of orange and is easily peeled like a tangerine. It is of the Mandarin family. We propagate it on Sour Orange, Cleo and Rough Lemon stock. The first two rootstocks produce superior fruits, thin skinned and juicy.

**Persian Seedless Lime:** This is the only commercial variety of lime recommended for planting in Florida. It is of a deep green color, very juicy and absolutely seedless. It should be planted in warm locations only, since it is more tender than the common orange.

**Meyer Lemon:** For home use only. It is very hardy, standing as much cold as grapefruit and will grow successfully where limes will not grow. It is the best variety for home use in Florida, being very juicy, hardy and ripening throughout the year. Budded on Rough Lemon and Cleo stock. It is not compatible with Sour Orange stock.

## STANDARD VARIETIES

### Early Oranges

**Hamlin:** A vigorous grower and ripens in October and November. Bears heavily and breaks color quickly. Sometimes criticized for poor quality and early drying out when grown on Rough Lemon root. Cleo stock helps overcome this and the proper use of the "minor elements" is especially helpful. It is a good orange on Sour Orange and Cleo stock. The fruit on Cleo is slightly larger than on Sour Orange stock.

**Parson Brown:** Very popular in some sections but does not break color as early as the Hamlin. We have a heavy producing strain of this variety. It does well on Sour Orange, Cleo and Rough Lemon root.

**Surprise Navel:** This is the best Navel orange for Florida. It is a good, consistent bearer, of excellent quality and is of medium to large size. It can be usually shipped from October 15th through January. It is far superior to the Washington Navel for Florida planting, since it does not become so large and coarse and bears more consistently.

## MID-SEASON VARIETIES

The following are the varieties we consider the best: Improved Pineapple and Jaffa.

**Improved Pineapple:** It needs no description. It is one of the best varieties. Originated near Citra and is widely grown throughout the Citrus Belt.

**Jaffa:** It is very vigorous, is much more hardy than the Pineapple, is a heavy bearer and is becoming more



popular all the time. It has the reputation of being a regular and heavy bearer.

### LATE VARIETIES

#### **Valencia, Reasoner's Valencia and Lue Gim Gong**

**Valencia:** This is the old standby and needs no description.

**Reasoner's Valencia:** This is a very vigorous growing strain which has a reputation for its vigor and good bearing qualities. It is undoubtedly superior to common Valencia. Compare the trees of the two strains the next time you visit the Citrus Experiment Station at Lake Alfred and note the difference.

**Lue Gim Gong:** A very hardy variety that will hang longer without drying at the stem end than the Valencia. Good quality and juicy. It is our latest orange and quite popular in some sections. Quite resistant to cold. Few people can distinguish the fruit from the Valencia.

### GRAPEFRUIT

We propagate the following varieties: Duncan, Marsh Seedless, Foster (Pink) and Thompson (Pink Seedless).

**Foster:** Sometimes called Foster Pink. It is a seeded variety of excellent flavor. It is an early and mid-season fruit ripening from November through January. Recommended for home use and fancy boxes.

**Thompson:** Also called Thompson Pink. It is a seedless variety. For the last few years, the "Pinks" have sold much higher than the white or common grapefruit and they are becoming more popular all the time. Watch the market reports from week to week and see the difference in price in favor of the Pinks.

**Duncan:** Of the common or seeded varieties of grapefruit, the Duncan is the most popular variety and we propagate it regularly. It bears quite heavily and is especially desirable for sectionizing.

**Marsh Seedless:** It is too well known to need any description or comment. It is our standard seedless variety and may be shipped from October to July.

### PLANTING THE YOUNG TREES

For those who are not familiar with the proper planting of citrus trees, the following suggestions are offered:

Plant the young trees at the same depth they were growing in the nursery. Do **not** plant deeper as they will not grow off as well. It is much better to plant a citrus tree a little too shallow than too deep, since it is easy to cultivate soil towards the trees when necessary and they are not as subject to foot-rot as deep planted trees.

Use plenty of water in planting the tree, puddling the soil around the roots with water, thus excluding the excess air. Two or three buckets of water can be used to advantage.



Give the trees one or two bucketfuls of water again the second or third day after planting to settle dirt firmly around the roots. This is extremely desirable and the expense is fully justified. Water them as often as necessary to keep them from wilting until the rainy season is well advanced. Do NOT let the young trees go into a severe wilt.

Scatter about  $\frac{1}{2}$  pound of 4-7-5 or 5-5-5 fertilizer containing the secondaries of magnesium, copper and manganese thinly around the tree about 10 days after planting. Give them a light application of young tree grower each five or six weeks after planting throughout the first growing season. It certainly will pay.

If planting is done in the winter, it is usually best to water the trees well and then "bank" them with dirt free of trash to a height of about 12 inches. Take the banks down after danger of freezing weather, usually about March 1st to 10th. Fertilize and cultivate the trees immediately. The banks will protect the trunks in the event of a freeze and cause the trees to sprout out first near the top which is quite desirable. It also conserves moisture during the dry winter months, and may save one or two waterings.

Where possible, strip harrow the trees every 10 days throughout the first summer and fall. If this cannot be done, keep weeds and grass down around the trees by shallow hoeing several times the first year. Grass and weeds can be mulched back around the trees after each fertilization.

For detailed information on raising a grove, get the necessary bulletins from your county agricultural agent. For the control of citrus diseases and insect pests, get a "Better Fruit Program" each year and follow the instructions. This is published by the Florida Citrus Commission at Lakeland and will be sent free for the asking.

We suggest you visit the Citrus Experiment Station at Lake Alfred at least once a year to meet the investigators and to observe the results of the research work being carried on.

### OUR POLICY

To produce uniform trees of the very best parentage or breeding; to care for them in such manner that they will be properly matured for transplanting; to deliver our trees in good condition; to charge reasonable prices for quality trees and render such service that our customers will come back for trees each time when needed and recommend us to their friends and neighbors.

We will gladly send our price list at any time or give additional information when requested.

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# WARD'S NURSERY

AVON PARK, FLORIDA