

# FRUIT TREES

Varieties and sizes of Fruit Trees may be mixed in multiples of full bundles to reach the lowest price. Trees are sized by caliper, but generally range from 4-6' in height (height not guaranteed). They are lightly branched unless otherwise noted. Available rootstocks shown in parenthesis.

## Apple - semi-dwarf (expect 50-60% of standard size)

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	8.90	8.19	7.83	7.30
1/2"	5	10.25	9.43	9.02	8.41
5/8"	5	11.15	10.26	9.81	9.14
3/4"	5	11.90	10.95	10.47	9.76

### Braeburn (EMLA 7, MM 111)

Zone 5. Zone 5. Medium to large firm fruit, orange-red blush over yellow-green, tangy, crisp, very juicy, sweet flavor. Excellent fresh eating/cooking. Good keeper. Ripens October to November.

### Cameo® (EMLA 7)

Zone 5. Choice for excellence in fresh eating with crisp texture and sweet juicy flavor. Fruit is bright red striped over creamy-orange. This newer selection is rapidly becoming a favorite, and is now among the top ten most grown apples in Washington and other parts of the U.S. Add \$.50 per plant for royalty.

### Fuji (EMLA 7, MM 111)

Zone 6. Yellow-green fruit covered with orangish red flush, darker stripes. Crisp texture, juicy, slightly subacid flavor. Ripens September to late October.

### Gala (M 7, MM 111)

Zone 5. An apple with great fruit qualities and superior red color. Fruit colors early with dark red striping over solid red undercolor. Good pollinator with mid-season bloom.

### Granny Smith (EMLA 7)

Zone 5. Winter apple, late keeping. Shiny green tart, crisp fruit.

### Honeycrisp (MM 106, MM 111, EMLA 7, EMLA 26)

Zone 3. Crisp, juicy with excellent flavor, rated superior! Keeps in common storage up to 5 months! Fruit is mottled red over yellow. Ripens late September to late October. Add \$1.35 per tree for patent royalty.

### Jonathan (MM 111)

Zone 5. Best all-purpose apple. Ripens late fall or early winter. Fruit is medium size, bright red, sweet, crisp and juicy.

### Lodi (MM 111)

Zone 3. Excellent tart flavor, cooking or fresh eating. Large, crisp, juicy green fruit. Summer apple ripening during July. Apple scab resistant. Needs a pollinator.

### Mutsu (MM 111)

Zone 5. Large, vigorous tree produces large, greenish yellow fruit with a red blush. Great for cooking and eating.

### Red Delicious (M 7)

Zone 4. Most popular of all red apples. Sweet and juicy with long storage life.

### Sweet Sixteen (MM 111)

Zone 4. High sugar content and aromatic, firm juicy flesh are prized qualities of this outstanding dessert variety. Dependable annual crops ripen in mid-October. Resistant to scab and Fireblight. Add \$.35 per plant for royalty.

## Apricot

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	9.65	8.88	8.49	7.91
1/2"	5	11.00	10.12	9.68	9.02
5/8"	5	12.10	11.13	10.65	9.92
3/4"	5	12.65	11.64	11.13	10.37

### Moorpark (Halford)

Zone 4. Very large, sweet, juicy deep orange flesh. Smooth golden-yellow skin with orange-red blush. Excellent for fresh eating, canning or drying. Long ripening period, early July to late August. Self-fertile.

### Perfection (Halford)

Zone 4. One of the finest commercial apricots, Perfection bears moderately early and produces large fruit. Flesh and skin are a bright orange-yellow. Fruit has a firm texture.

### Rival (Halford)

Zone 5. Large, fine textured, deep orange fruit with mild to slightly tart flavor. Developed by Washington State University. Heavy crop production and self-fertile.

## Cherry

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	9.65	8.88	8.49	7.91
1/2"	5	11.00	10.12	9.68	9.02
5/8"	5	12.35	11.36	10.87	10.13
3/4"	5	12.90	11.87	11.35	10.58

### Bing (Avium)

Zone 5. Old fashioned favorite. Excellent flavor, large dark red heart shaped fruit. Ripens mid-June to July. Best pollinated with Stella, Rainier, Montmorency.

### Lambert (Avium)

Zone 5. Strong upright tree bears heavy crops of dark red heart shaped fruit. Resistant to late spring frost. Ripens late June to mid-July. Pollinator needed.

### Lapins (Avium)

Zone 5. Favored commercial cherry variety, heavy crops of large, sweet, firm dark red fruit, crack resistant, excellent flavor. Frost resistant, ripens late July. 1983 Canadian introduction.

### Rainier (Avium)

Zone 5. Heavy and early bearing, sweet yellow blushed red cherry. Vigorous, heat tolerant tree. Fruit keeps well after harvest. Ripens in July. Needs cross pollination with Bing, Lambert or Stella.

### Royal Ann (Avium, Mahaleb)

Zone 5. Large, sweet, juicy, yellow blushed red fruit. Excellent for fresh eating or processing. Heavy annual crops. Pollinate with Montmorency, Stella or Van.

### Van (Avium)

Zone 5. Large, reddish black, sweet, Bing type fruit, excellent used fresh or for cooking, canning and freezing. Bears heavy annual crops. Good cold tolerance, split resistant, ripening mid-June to early July. Pollinate with Bing, Royal Ann or Stella.

## Nectarine

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	9.65	8.88	8.49	7.91
1/2"	5	11.00	10.12	9.68	9.02
5/8"	5	12.10	11.13	10.65	9.92
3/4"	5	12.65	11.64	11.13	10.37

### Red Gold (Halford)

Zone 5. A very large fruit with glossy red and gold skin. The flesh is yellow with red around the pit. The fruit has good shelf life. Self-fruitful.

### Fantasia (Halford)

Zone 5. A large fruit that has a bright yellow skin with a red blush covering over half the fruit. The flesh is yellow and has firm, smooth texture. Vigorous, productive and self-fruitful.

### Independence (Halford)

Zone 5. The attractive skin of this variety is gold, blushed with a brilliant cherry red. The flesh is yellow. The fruit is firm and has good texture and flavor. The tree is productive, vigorous and self-fruitful.

## Peach

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	9.65	8.88	8.49	7.91
1/2"	5	11.00	10.12	9.68	9.02
5/8"	5	12.10	11.13	10.65	9.92
3/4"	5	12.65	11.64	11.13	10.37

### Early Elberta (Halford)

Zone 5. Large, yellow blushed red fruit. Juicy, flavorful freestone flesh. Ripens eight days earlier than Elberta. Good for fresh eating, canning, freezing and jam. Self-fertile and a good pollinator for other peaches.

### Early Red Haven (Halford)

Zone 5. Favorite early variety. Medium, nearly fuzzless red fruit with firm yellow freestone flesh. Excellent fresh, canning and freezing quality. Abundant cropping requires thinning. Ripens two weeks earlier than Red Haven. Self-fertile.

### Elberta (Halford)

Zone 5. Large, yellow blushed red fruit. Juicy, flavorful freestone flesh. Ripens from late July to mid-September (in cold climates). Good for fresh, canning, freezing and jam. Self-fertile and a good pollinator for other peaches.

### Elegant Lady (Halford)

Zone 5. This is a yellow-fleshed freestone peach of excellent quality. The high colored peach produces a red blush over a yellow background. The fruit is sweet and juicy.

### Red Haven (Halford)

Zone 5. Favorite early variety. Medium, nearly fuzzless red fruit with firm yellow freestone flesh. Excellent fresh, canning and freezing quality. Abundant cropping requires thinning. Ripens late June to early August. Self-fertile.

### Reliance (Halford)

Zone 5. One of the best freestone peaches for colder locations. Red blush over yellow. Juicy yellow flesh, good for fresh eating and processing. Ripens medium size fruit in late July. Self-fertile.

## Pear

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	9.75	8.97	8.58	8.00
1/2"	5	11.10	10.21	9.77	9.10
5/8"	5	12.35	11.36	10.87	10.13
3/4"	5	12.90	11.87	11.35	10.58

### Red Anjou (OHxF 87)

Zone 4. This Anjou selection produces uniform oblong-ovate fruit, red in color with golden-white flesh and smooth texture. The fruit matures in late August to mid-September and stores well. A vigorous tree that requires pollination (Bartlett is a suitable pollinator).

### Kalle Red Clapp's (OHxF 87)

Zone 5. Medium to large round fruit with a slender neck. Ripens 10 days ahead of Bartlett. Fruit is flavorful, bright red skin color.

## Plum/Prune

Size by Caliper	No. Per Bdl	Unit Prices			
		Bdl+	50+	100+	250+
7/16"	5	9.65	8.88	8.49	7.91
1/2"	5	11.00	10.12	9.68	9.02
5/8"	5	12.10	11.13	10.65	9.92
3/4"	5	12.65	11.64	11.13	10.37

### Duarte (Halford)

Zone 5. This plum tree produces a large, heart-shaped, deep red fruit with a sweet blood-red flesh that is excellent for fresh eating or canning. A vigorous, hardy tree that ripens ahead of Italian and Stanley.

### Early Italian (Halford)

Zone 4. The USDA recently approved calling prunes plums as a sales aid. Choose your preference when ordering this hardy and delicious (fresh, cooked or dried) large, purple skin greenish yellow fleshed fruit. Self-fertile, cross pollination with another European variety brings heavier crops.

### Italian (Halford)

Zone 4. This plum-prune tree produces large, dark purple fruit that is good for both canning and drying. Self-fertile, but cross pollination with another European plum variety brings heavier crops.

### President (Halford)

Zone 5. This plum tree is a heavy producer that is popular for commercial plantings. Fruit is oblong in shape with a dark blue skin and yellow flesh.

### Satsuma (Halford)

Zone 5. Dark red skin covers the red flesh of this sweet plum tree which sets consistent crops of medium-sized fruit.

### Stanley (Halford)

Zone 5. The prune plum variety has long been a freestone favorite. 'Stanley' fruit is deep purple with yellow-green flesh and sweet flavor. The tree bears young and heavily. Fruit ripens around Labor Day and is excellent for fresh eating or preserving by either drying or canning.

Cross pollination may be required for fruit production. Contact our sales staff for proper selection. 800-551-9875

Grade	Age	Size	No. Per Bundle	Unit Prices			
				Bdl+	500+	5M+	25M+

# SEEDLING FRUIT TREE ROOTSTOCK

Generally, our caliper graded stock is intended for rootstock purposes and during grading less consideration is given to the form of the top of the plant than when graded by height. Caliper measurements are made above the root collar.

## APPLE

### Malus 'Antanovka'

(Antanovka Apple) Zone 3. The most popular winter hardy rootstock for commercial plantings. Reported resistant to collar rot.

Rootstock	1-0	3/16"	50	.68	.50	.45	.41
Straight Root		3/16"	50	.92	.67	.61	.55
		1/4"	50	.84	.62	.56	.50
		3/8"	25	.99	.73	.66	.59

### Malus baccata 'Mandshurica'

(Manchurian Crabapple) Shrub or tree to 50', Zone 2. The hardiest of all apples. Understock for extreme cold climates, but not recommended where a less cold hardy rootstock will do.

Seedling	2-0	3/16"	50	.90	.66	.60	.54
		1/4"	50	1.40	1.05	.70	.63
		3/8"	25	1.64	1.23	.82	.74

### Malus domestica

(Common Domestic Apple) To 25'+, Zone 4. Well known for general compatibility, ease of budding, grafting and vigorous growth.

Rootstock	1-0	3/16"	50	.65	.47	.43	.39
Straight Root		3/16"	50	.87	.64	.58	.52
		1/4"	50	.81	.59	.54	.49
		3/8"	25	.95	.69	.63	.57

See also height grade on page 17.

### Malus x ranetka

(Ranetka Apple) To 40', Zone 2. Cold hardiness greater than *Malus antanovka* but less than *Malus baccata*. More vigorous, less problems with incompatibility than *Malus baccata*. Withstands tough situations.

Rootstock	2-0	3/16"	50	.90	.66	.60	.54
		1/4"	50	1.05	.77	.70	.63
		3/8"	25	1.23	.90	.82	.74

## Seedling rootstock virus testing:

We offer CVI (Certified Virus Indexed) seedling rootstocks which are grown from certified seed. CVI rootstocks are the best choice where strict virus certification is required. Seedling apple and pear rootstocks are considered to be inherently free from seed transmitted viruses.

## APRICOT

### Prunus armeniaca 'Mandshurica'

(Manchurian Apricot) To 25', Zone 4-5. Seed from true-to-name Manchurian seed source which is better and more dependably hardy for rootstock than domestic seed sources.

Rootstock	1-0	3/16"	50	.93	.68	.62	.56
		1/4"	50	1.10	.80	.73	.66

See also height grades on page 20.

Grade	Age	Size	No. Per Bundle	Unit Prices			
				Bdl+	500+	5M+	25M+



## CHERRY

### Prunus avium-CVI

(Mazzard Cherry) To 40', Zone 3. Standard sweet cherry rootstock used sometimes for sour. Makes a long lived, large tree. More tolerant of heavy, wet soils than *Prunus mahaleb*, but not as hardy. Grown from certified seed.

Rootstock	1-0	1/8"	100	.89	.65	.59	.53
		3/16"	50	1.05	.77	.70	.63
		1/4"	50	1.23	.90	.82	.74
		3/8"	25	1.38	1.01	.92	.83

See also height grades on page 20.

### Prunus avium

(Mazzard Cherry) To 40', Zone 3. Standard sweet cherry rootstock used sometimes for sour. Makes a long lived, large tree. More tolerant of heavy, wet soils than *Prunus mahaleb*, but not as hardy. Grown from non-certified seed.

Rootstock	1-0	1/8"	100	.81	.59	.54	.49
		3/16"	50	.98	.72	.65	.59
		1/4"	50	1.16	.85	.77	.69
		3/8"	25	1.31	.96	.87	.78

See also height grades on page 20.

### Prunus mahaleb-CVI

(Mahaleb Cherry) To 30', Zone 3-4. Sweet and sour Cherry rootstock preferred in colder, drier climates and in rocky or sandy soil. Sometimes slightly dwarfing. Sour cherry is almost always on Mahaleb rootstock. Grown from certified seed.

Rootstock	1-0	1/8"	100	.65	.47	.43	.39
		3/16"	50	.71	.52	.47	.42
		1/4"	50	.83	.61	.55	.50
		3/8"	25	.98	.72	.65	.59

### Prunus mahaleb

(Mahaleb Cherry) To 30', Zone 3-4. Sweet and sour cherry rootstock preferred in colder, drier climates and in rocky or sandy soil. Sometimes slightly dwarfing. Sour cherry almost always on Mahaleb rootstock. Grown from non-certified seed.

Rootstock	1-0	1/8"	100	.56	.41	.37	.33
		3/16"	50	.60	.44	.40	.36
		1/4"	50	.71	.52	.47	.42

### Prunus mahaleb pontaleb-CVI

(Ferci Pontaleb Mahaleb Cherry) Zone 4. Semi-dwarfing Mahaleb cherry rootstock resulting from an extensive French breeding program to produce smaller orchard trees. Greater orchard density along with higher production translate into potential profits for both sweet and sour cherries. Non-suckering. Grown from certified seed.

Rootstock	1-0	1/8"	100	.83	.61	.55	.50
		3/16"	50	.90	.66	.60	.54
		1/4"	50	1.05	.77	.70	.63

Grade	Age	Size	No. Per Bundle	Unit Prices			
				Bd+	500+	5M+	25M+

## PEACH

### Prunus persica 'Bailey'-CVI

(Bailey Peach) Zone 4. Zone 4. Cold hardy rootstock adapted to sandy and sandy loam soils. Extensive, fibrous root system, resistant to root lesion nematodes.

Rootstock	1-0	1/8"	100	1.10	.80	.73	.66
		3/16"	50	1.19	.87	.79	.71
		1/4"	50	1.32	.97	.88	.79
		3/8"	50				

### Prunus persica 'Lovell'-CVI

(Lovell Peach) Zone 4. Proven dependable standard Peach rootstock. Provides a potentially longer lived tree with more disease resistance and hardiness than some other rootstocks. Grown from certified seed.

Rootstock	1-0	1/8"	100	.81	.59	.54	.49
		3/16"	50	.92	.67	.61	.55
		1/4"	50	.99	.73	.66	.59
		3/8"	25	1.11	.81	.74	.67

### Prunus persica 'Nemagard'-CVI

(Nemagard Peach) Zone 4. Proven resistance to nematodes, more resistant to crown gall, but more sensitive to chlorosis than other rootstocks. Widely used and preferred for peaches, sometime for plums, worldwide. Grown from certified seed.

Rootstock	1-0	1/8"	100	.81	.59	.54	.49
		3/16"	50	.92	.67	.61	.55
		1/4"	50	.99	.73	.66	.59
		3/8"	25	1.11	.81	.74	.67

## PEAR

### Pyrus betulifolia

(Betulifolia Pear) Zone 4. Rootstock especially preferred for Oriental and Ornamental Pears. Similar in most respects to *Pyrus calleryana* with better cold hardiness. Tolerates calcareous soils.

Rootstock	1-0	1/8"	100	.51	.37	.34	.31
		3/16"	50	.59	.43	.39	.35
		1/4"	50	.69	.51	.46	.41

### Pyrus calleryana

(Callery Pear) Zone 5. Resistant to fireblight and pear decline. Vigorous and good compatibility with flowering and oriental pear varieties. Not as winter-hardy as *Pyrus betulifolia*.

Rootstock	1-0	1/8"	100	.62	.45	.41	.37
		3/16"	50	.72	.53	.48	.43
		1/4"	50	.78	.57	.52	.47
		3/8"	25	.86	.63	.57	.51

### Pyrus communis bartlett

(Bartlett Pear) Zone 4. Well known for general compatibility and vigorous growth. Susceptible to Fireblight and Pear Decline. Standard seedling rootstock for European Pears.

Rootstock	1-0	1/8"	100	.51	.37	.34	.31
		3/16"	50	.59	.43	.39	.35
		1/4"	50	.69	.51	.46	.41
		3/8"	25	.83	.61	.55	.50

### Pyrus ussuriensis

(Harbin Pear) Zone 4. More winter hardy than other Oriental Pear rootstock. Some resistance to Fireblight.

Rootstock	1-0	1/8"	100	.74	.54	.49	.44
		3/16"	50	.92	.67	.61	.55
		1/4"	50	1.10	.80	.73	.66
		3/8"	25	1.23	.90	.82	.74
Transplant	1-1	1/4"	50	1.26	.92	.84	.76
		3/8"	25	1.41	1.03	.94	.85
		7/16"	25	1.65	1.21	1.10	.99

Grade	Age	Size	No. Per Bundle	Unit Prices			
				Bd+	500+	5M+	25M+

### Pyrus communis 'Winter Nelis'

(Winter Nelis Pear) Zone 4. Commonly used rootstock for most pear species. Exceptionally resistant to Pear Decline. Good uniformity. Not recommended for Asian Pear varieties.

Rootstock	1-0	1/8"	100	.51	.37	.34	.31
		3/16"	50	.59	.43	.39	.35
		1/4"	50	.69	.51	.46	.41
		3/8"	25	.83	.61	.55	.50

## PERSIMMON

### Diospyros lotus

(Date Plum) Zone 5. Used as a rootstock for Oriental Persimmons. Shipment prohibited to California.

Rootstock	2-0	1/8"	100	1.11	.81	.74	.67
		3/16"	50	1.26	.92	.84	.76
		1/4"	50	1.46	1.07	.97	.87

See also height grade on page 13.

### Diospyros virginiana

(American Persimmon) Zone 5. Vigorous rootstock for American Persimmon selections. Best on fertile, deep, loamy, well drained soils. Shipment prohibited to California.

Rootstock	2-0	3/16"	50	1.20	.88	.80	.72
		1/4"	50	1.41	1.03	.94	.85

See also height grade on page 13.

## PLUM

### Prunus americana-CVI

(Native American Plum) To 50', Zone 3. Cold hardy rootstock for American or American x Japanese Plums. Not a suitable rootstock for European Plums. Grown from certified seed.

Rootstock	1-0	3/16"	50	1.23	.90	.82	
		1/4"	50	1.55	1.13	1.03	

### Prunus americana

(Native American Plum) To 50', Zone 3. Cold hardy rootstock for American or American x Japanese Plums. Not a suitable rootstock for European Plums. Grown from non-certified seed.

Rootstock	1-0	1/8"	100	.84	.62	.56	.50
		3/16"	50	.99	.73	.66	.59
		1/4"	50	1.16	.85	.77	.69

See also height grade on page 20.

### Prunus cerasifera 'Myrobalan'-CVI

(Myrobalan Plum) Zone 4. Most popular rootstock for European Plums. It is compatible with a wide range of cultivars and is particularly adaptable to heavier soils. Grown from certified seed.

Rootstock	1-0	1/8"	100	.66	.48	.44	.40
		3/16"	50	.77	.56	.51	.46
		1/4"	50	.90	.66	.60	.54
		3/8"	25	1.07	.78	.71	.64
		7/16"	25	1.17	.86	.78	.70

### Prunus insititia 'St. Julian'-CVI

(St. Julian Plum) Zone 4. Rootstocks from St. Julian "A". For peaches, apricots and plums offering improved compatibility, minimal suckering, resistance to chlorosis and crown gall. Adapted to wet soils. Grown from certified seed.

Rootstock	1-0	1/8"	100	1.13	.83	.75	.68
		3/16"	50	1.20	.88	.80	.72
		1/4"	50	1.28	.94	.85	.77
		3/8"	25	1.35	.99	.90	.81



Fresh bud unwrapped.

# CLONAL FRUIT TREE ROOTSTOCK

Grade	Age	Size	No. Per Bundle	Unit Prices			
				100+	500+	5M+	25M+

## APPLE - Malling Rootstock

### Bud 9

(Budagovsky 9 Apple Rootstock) Zone 4. Produces a dwarf tree about 25% of standard size. Cold hardy, collar or rot resistant, vigorous, heavy crops of large fruit.

Rootstock	1-0	1/8"	100	.96	.70	.64	.58
		3/16"	100	1.29	.95	.86	.77
		1/4"	50	1.59	1.17	1.06	.95

### EMLA 7

(EMLA 7 Apple Rootstock) Zone 5. Best choice for hardiness. Lower incidence of latent virus than is present in EM 7a. Less tendency to sucker than EM 7 or EM 7a.

Rootstock	1-0	1/8"	100	.92	.67	.61	.55
		3/16"	100	1.13	.83	.75	.68
		1/4"	50	1.32	.97	.88	.79

### EMLA 9

(EMLA 9 Apple Rootstock) Zone 5. Early cropping on trees 40% of standard size. Collar rot resistant, requires staking. Best on heavier soils.

Rootstock	1-0	1/8"	100	.96	.70	.64	.58
		3/16"	100	1.29	.95	.86	.77
		1/4"	50	1.59	1.17	1.06	.95

### M9 Nakbt.337

(M9 Nakb T.337 Dutch Apple Rootstock) Produces a dwarf tree about 25% of standard size. Known for heavy, early cropping of large fruit. Collar rot resistant. Preferred M 9 selection. Superior rooting.

Rootstock	1-0	1/8"	100	.99	.73	.66	.59
		3/16"	100	1.32	.97	.88	.79
		1/4"	50	1.62	1.19	1.08	.97

Grade	Age	Size	No. Per Bundle	Unit Prices			
				100+	500+	5M+	25M+

### EMLA 26

(EMLA 26 Apple Rootstock) Zone 5. Produces a tree the same size as M 26. Lower incidence of latent virus than is present in M 26.

Rootstock	1-0	1/8"	100	.96	.70	.64	.58
		3/16"	100	1.29	.95	.86	.77
		1/4"	50	1.59	1.17	1.06	.95

### EMLA 106

(EMLA 106 Apple Rootstock) Zone 5. Produces a tree the same size as MM 106. Avoid poorly drained soils. Free of suckers, Woolly Aphid resistant. Heavy cropper.

Rootstock	1-0	1/8"	100	.92	.67	.61	.55
		3/16"	100	1.13	.83	.75	.68
		1/4"	50	1.32	.97	.88	.79

### EMLA 111

(EMLA 111 Apple) Zone 5. Produces vigorous, well-anchored trees 75% of standard size performing particularly well on dry, light soils; will also adapt to heavier soils. Resistant to Woolly Aphids and collar rot. Good choice for spur type varieties.

Rootstock	1-0	1/8"	100	.92	.67	.61	.55
		3/16"	100	1.13	.83	.75	.68
		1/4"	50	1.32	.97	.88	.79

### Pajam 2

(Pajam 2 Apple Rootstock) Produces a dwarf tree about 35% of standard size. Superior rooting compared to EMLA 9. Royalty of \$.02 per plant included.

Rootstock	1-0	1/8"	100	1.01	.75	.68	.61
		3/16"	100	1.34	.99	.90	.81
		1/4"	50	1.64	1.21	1.10	.99

## QUINCE

### Provence quince

(Provence Quince) Zone 5. Used to produce dwarf pear trees that are heavy bearing but not as hardy as pears on seedling rootstock. Characterized by vigor, resistance to drought and disease and tolerance to alkaline soils.

Rootstock	1-0	1/8"	100	.93	.68	.62	.56
		3/16"	100	1.14	.84	.76	.68
		1/4"	50	1.32	.97	.88	.79

### Quince A

(Malling Quince A) Zone 5. Widely used to dwarf pears. The true Angers Quince. Tolerates wet soils better than Provence Quince.

Rootstock	1-0	1/8"	100	.93	.68	.62	.56
		3/16"	100	1.14	.84	.76	.68
		1/4"	50	1.32	.97	.88	.79

### Tree size using clonal apple rootstock compared to standard seedling rootstock.

