

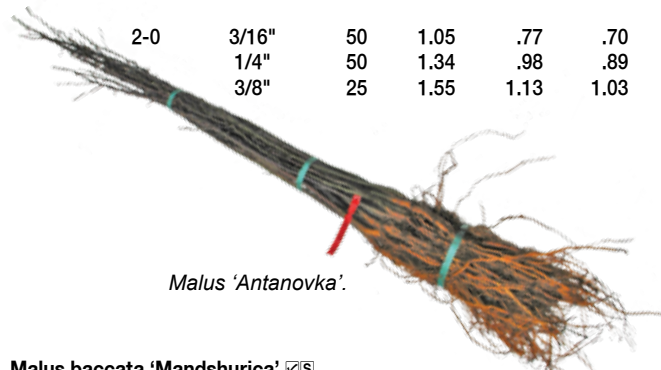
Rootstocks

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

APPLE

Malus 'Antanovka' (Antanovka Apple) Zone 3. The most popular winter hardy rootstock for commercial plantings. Reported resistant to Collar Rot.

Rootstock	1-0	1/8"	100	.80	.58	.53
		3/16"	50	.96	.70	.64
		1/4"	50	1.22	.89	.81
2-0	3/16"	1/4"	50	1.05	.77	.70
		1/4"	50	1.34	.98	.89
		3/8"	25	1.55	1.13	1.03



Malus 'Antanovka'.

Malus baccata 'Mandshurica' (Manchurian Crabapple) Zone 2. The hardiest of all apples. Understock for extreme cold climates, but not recommended where a less cold hardy rootstock will do.

Rootstock	2-0	3/16"	50	1.19	.87	.79
		1/4"	50	1.44	1.06	.96
		3/8"	25	1.65	1.21	1.10

Height grade page 12.

Malus prunifolia (Plumleaf Crabapple) Zone 5. Best and most extensive fibrous root system of any apple rootstock we have seen.

Rootstock	1-0	3/32"	100	.69	.51	.46
		1/8"	100	.80	.58	.53
		3/16"	50	.96	.70	.64
2-0	1/8"	1/8"	100	.93	.68	.62
		3/16"	50	1.05	.77	.70
		1/4"	50	1.25	.91	.83

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	1/8"	100	.93	.68	.62
		3/16"	50	1.05	.77	.70
		1/4"	50	1.22	.89	.81

Height grade page 15.



Rootstock prepared to bud graft.

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

CHERRY

Prunus avium-CVI (Mazzard Cherry) To 40', Zone 3-4. 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	1.22	.89	.81
		3/16"	50	1.44	1.06	.96
		1/4"	50	1.65	1.21	1.10

Height grade page 15.

Prunus avium (Mazzard Cherry) To 40', Zone 3-4. 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	1.16	.85	.77
		3/16"	50	1.38	1.01	.92
		1/4"	50	1.55	1.13	1.03

Height grade page 15.

Prunus mahaleb - CVI (Mahaleb Cherry) Zone 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	1.17	.86	.78
		3/16"	50	1.28	.94	.85
		1/4"	50	1.38	1.01	.92

Prunus mahaleb (Mahaleb Cherry) Zone 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 non-certified seed.

Rootstock	1-0	1/8"	100	1.05	.77	.70
		3/16"	50	1.16	.85	.77
		1/4"	50	1.25	.91	.83

Height grade page 15.

PEAR

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	.80	.58	.53
		3/16"	50	.99	.73	.66
		1/4"	50	1.10	.80	.73



Cutting bud from scion wood.

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

Pyrus ussuriensis (Harbin Pear) To 40', Zone 4. More winter hardy than other Oriental Pear rootstock. Some resistance to Fireblight.

Rootstock	1-0	1/8"	100	.93	.68	.62
		3/16"	50	1.20	.88	.80
2-0	3/16"	1/4"	50	1.32	.97	.88
		1/4"	50	1.52	1.11	1.01
		3/8"	25	1.70	1.24	1.13

PERSIMMON

Diospyros lotus (Date Plum) To 75', Zone 5. Used as a rootstock for Oriental Persimmons. Shipment prohibited to California.

Rootstock	2-0	3/16"	50	1.98	1.45	1.32
		1/4"	50	2.31	1.69	1.54

Diospyros virginiana (American Persimmon) To 60'+, 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	1.53	1.12	1.02
		1/4"	50	1.80	1.32	1.20

Height grade page 9.

PLUM

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.

Rootstock	1-0	1/8"	100	1.05	.77	.70
		3/16"	50	1.22	.89	.81
		1/4"	50	1.49	1.09	.99

Height grade page 14.

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	1.19	.87	.79
		3/16"	50	1.37	1.00	.91

Seedling rootstock virus testing:

We offer CVI (Certified Virus Indexed) seedling rootstocks which are grown from certified seed. Seedling apple rootstocks are considered to be inherently free from seed transmitted viruses.



Bud placed.



Initial bud tying.



Completed bud graft.

Fruit Trees

Apple - semi dwarf

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	15.73	14.47	13.84
1/2"	5	17.67	16.26	15.55
5/8"	5	18.89	17.38	16.62
3/4"	5	19.97	18.37	17.57



Golden Delicious (EMLA 7, EMLA 106) - CVI
(Golden Delicious Apple) Zone 4. Firm, crisp, juicy, flavorful, best all-purpose apple. Spur-type, early bearing. Ripens mid-September to late October. Self-fertile.



Granny Smith (EMLA 7, EMLA 106) - CVI
(Granny Smith Apple) Zone 5. Winter apple, late keeping. Shiny green, tart crisp fruit.



Liberty (EMLA 7)
(Liberty Apple) Zone 4. Medium to large shiny red fruit. Good fresh, cooked or canned. Crisp and juicy. Excellent storage quality. Heavy, annual bearing requires thinning to develop fruit size. Self fruitful. September/October ripening. Highly disease resistant.



Lodi (EMLA 7, EMLA 111) - CVI
(Lodi Apple) 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.



Red Delicious (EMLA 111) - CVI
(Red Delicious Apple) Zone 4. Most popular of all red apples. Vigorous tree, heavy fruit production on spurs. Best in full sun location. Ripens late September into October. Fireblight and rust resistant. Distinctive flavor.

Apple, select variety - semi dwarf

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	17.56	16.16	15.45
1/2"	5	19.69	18.12	17.33
5/8"	5	21.03	19.35	18.51
3/4"	5	22.21	20.43	19.55

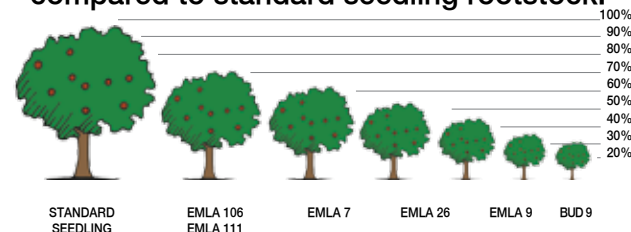


Gala (EMLA 26)
(Gala Apple) Zone 5. Great fruiting qualities and superior red color. Colors early with dark red striping over solid red undercolor. Good pollinator with mid-season bloom.



Honeycrisp (EMLA 106, EMLA 26)
(Honeycrisp Apple) 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.

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



Apricot - standard

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	14.87	13.68	13.09
1/2"	5	16.96	15.60	14.93
5/8"	5	18.66	17.17	16.42
3/4"	5	19.49	17.93	17.15



Moorpark (Halford)
(Moorpark Apricot) 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)
(Perfection Apricot) 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.



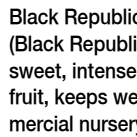
Rival (Halford)
(Rival Apricot) Zone 5. Large, fine textured, deep orange fruit with mild to slightly tart flavor. Developed by Washington State University. Heavy crop production and self-fertile.

Cherry

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	14.87	13.68	13.09
1/2"	5	16.96	15.60	14.93
5/8"	5	18.66	17.17	16.42
3/4"	5	19.49	17.93	17.15



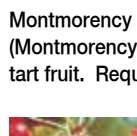
Bing (Avium) - CVI
(Bing Cherry) Zone 5. Old fashioned favorite. Excellent flavor, large dark red heart shaped fruit. Ripens mid-June to July. Best pollinated with Stella, Rainer, Montmorency.



Black Republican (Avium) - CVI
(Black Republican Cherry) Zone 5. A parent of Bing cherry prized for sweet, intense black cherry flavor. Bears high quality, medium-sized fruit, keeps well. Developed by Seth Lewelling one of the first commercial nurserymen in Oregon. Excellent pollinator.



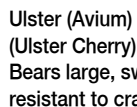
Lapins (Avium) - CVI
(Lapins Cherry) Zone 5. Favored commercial cherry variety, heavy crops of large, sweet, firm dark red fruit, crack resistant, excellent flavor. Frost resistant, ripens late July. Self-fertile. 1983 Canadian introduction.



Montmorency (Avium) - CVI
(Montmorency Cherry) Zone 4. Pie cherry favorite, medium to large tart fruit. Requires well drained/aerated soils. Self-fruitful.



Rainier (Avium) - CVI
(Rainier Cherry) 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.



Ulster (Avium) - CVI
(Ulster Cherry) Zone 5. Cross between Schmidt and Lambert cherry. Bears large, sweet, crisp, juicy, dark red fruit. Ripens mid-season, resistant to cracking.

CVI - Certified Virus Indexing

Some fruit tree varieties we offer are propagated to meet applicable official standards for virus certification and are designated as CVI (certified virus indexed).

Nectarine

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	14.87	13.68	13.09
1/2"	5	16.96	15.60	14.93
5/8"	5	18.66	17.17	16.42
3/4"	5	19.49	17.93	17.15

Fantasia (Halford)

(Fantasia Nectarine) Zone 5. Large fruit, bright yellow skin with red blush. Yellow flesh with firm, smooth texture. Vigorous, productive and self fruitful.

Independence (Halford)

(Independence Nectarine) Zone 5. Attractive gold skin blushed with a brilliant cherry-red with yellow flesh. Firm fruit has good texture and flavor. Productive, vigorous and self-fruitful.



Red Gold (Halford)
(Red Gold Nectarine) 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.

Peach

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	14.87	13.68	13.09
1/2"	5	16.96	15.60	14.93
5/8"	5	18.66	17.17	16.42
3/4"	5	19.49	17.93	17.15



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

Early Redhaven (Halford)

(Early Red Haven Peach) 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)
(Elberta Peach) 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)

(Elegant Lady Peach) Zone 5. Yellow fleshed freestone, excellent quality. High colored peach produces a red blush over a yellow background. Fruit is sweet and juicy.



Redhaven (Halford)
(Red Haven Peach) 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)

(Reliance Peach) 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.

Plum/Prune

Size by Caliper	No. Per Bdl	Unit Prices		
		Bdl+	50+	100+
7/16"	5	14.87	13.68	13.09
1/2"	5	16.96	15.60	14.93
5/8"	5	18.66	17.17	16.42
3/4"	5	19.49	17.93	17.15

Duarte (Halford)

(Duarte Plum/Prune) Zone 5. Produces a large, heart-shaped, deep red fruit with a sweet blood-red flesh. Excellent for fresh eating or canning. Vigorous, hardy, ripens before Italian and Stanley.



Early Italian (Halford)
(Early Italian Plum/Prune) Zone 4. 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. Ripens 5 days before Italian.

Italian (Halford)

(Italian Plum/Prune) Zone 4. This plum-prune tree produces large, dark purple fruit that is good for both canning and drying. It is self-fertile, but cross pollination with another European plum variety brings heavier crops.



President (Halford)
(President Plum) 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)
(Satsuma Plum) Zone 5. Dark red skin covers the red flesh of this sweet plum tree which sets consistent crops of medium-sized fruit.



Stanley (Halford)
(Stanley Plum/Prune) Zone 5. Prune/plum variety has long been a freestone favorite. Deep purple fruit, yellow-green flesh, sweet flavor. Tree bears young and heavily. Fruit ripens around Labor Day, excellent for fresh eating, drying or canning. Self-fruitful but yields are better with another European variety nearby.