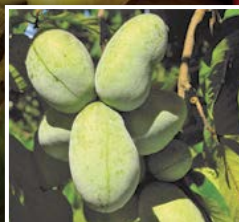
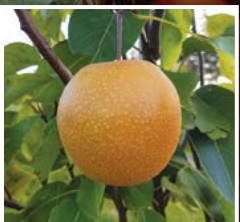


Whiffletree

FARM & NURSERY

2017

COLD HARDY,
DISEASE RESISTANT
FRUIT TREES,
SHRUBS, VINES
& CANES



6987 8th Line West, Elora, ON N0B 1S0 • 519.669.1349

Greetings from the Martin family at Whiffletree.

Welcome to our 2017 catalogue. Somehow we ended up adding over 70 new varieties again this year! For those of you that are new to fruit growing, we realize the staggering range of possibilities that we offer can be overwhelming. We suggest starting in slowly - try planting some berries for quick fruiting, plus a tree or two. If you jump in over your head, you might end up adding stress to your life with the very project which should be providing pleasure and satisfaction.

On the other hand, many of you among our growing circle of repeat customers are eagerly anticipating the chance of finding something new, exotic or hard-to-get to enhance your present collection. We enjoy being part of the enthusiasm and the success that folks can experience in growing their own fruit.

Is this your first time with us? Our family owned and operated nursery is located 1 1/2 hours west of Toronto, close to Elora, ON. We are part of a sizable Mennonite community which was established over 200 years ago. Our farm is blessed with fertile loam soil, giving us excellent growth on our nursery stock. We strive to integrate sustainable practices in tree growing and care, based on an abiding respect for the Creator of the earth, with all its resources.

Thank you for choosing Whiffletree as your source for plants. Our ongoing goal is to remain worthy of your trust.

Sincerely,

Lawrence & Marie Martin,

Lowell & Karen Martin



A hearty thank you from Whiffletree to Jake Ward at Innovative Print for an excellent job on our catalogue design and layout.

Design & Printing by: **innovative**
PRINT
www.innovativeprint.ca

Take the opportunity....

Plant trees and bushes that bear fruit and develop your lawn or property to become an area of productivity, pleasure and profit.

*Purpose to help in reversing the trend of becoming a nation of consumers.
Be productive!*

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Full flavour in any fruit is achieved only when that fruit is grown well, then harvested at the right moment – and the way to experience that rich flavour is to grow the fruit yourself.
- Author unknown

Thanks to FedcoTrees of Clinton, Maine for sharing their collection of excerpts from old farm and nursery publications.

DISCOUNT POLICY

The majority of our customers are homeowners with neither the space nor the need for 10 fruit trees of the same species. In order to better accommodate our loyal clientele and simplify our discount pricing, ALL orders over \$300 are now eligible for a 10% discount on the entire order (not including shipping and taxes). The 10% discount will be mailed to you at the end of the season in the form of a Whiffletree voucher. This voucher or cashback bonus can be applied to any future purchases of trees, plants or merchandise at Whiffletree.

If you are a commercial grower or a wholesale buyer (50 trees or more, varieties ordered in multiples of 10), contact us for volume discount pricing.

POLLINATION

Please note pollination requirements for fruits, nuts and berries. Some plants are self-pollinating, others require a second plant for pollination, and others require a second variety. See page 8 for more information.



OUR GUARANTEE

All stock sent out is considered alive and true to name. Any stock that fails to leaf out will be replaced. Stock that leafs out but dies during the first growing season will be replaced at half the original price. Customer pays freight on all replacements.

Although we sell hardy trees and plants, we cannot guarantee overwinter survival due to factors beyond our control.

Our goal is to send only high quality stock, but in working with live plants and human fallibility, we realize perfection is not always attained. We do want you to be successful and satisfied.

Most of our trees and plants are sold as 'bareroot' (without soil). They are kept dormant (asleep) in cold storage until you pick them up or we ship them to you.

Apples (*Malus spp*)

One of the most challenging fruits to grow organically, but take heart! Choosing one of our scab resistant varieties is a good start. With the vast array of flavours available (even for colder regions) in this healthy, versatile fruit, it would be a shame not to try a few trees. Natural pest control with insect traps and kaolin clay sprays can be used if desired. However, apples that are less than picture perfect are still just as flavourful and nutritious. Even with insect damaged fruit all is not lost. Drying, juicing or making apple sauce are still great options. Remember the old adage 'an apple a day keeps the doctor away' was coined before the days of pesticide sprays.

1.25-2m (4-6ft) bareroot trees

Red Apples

• AKANE

Akane (pronounced ah-kah-neh) was introduced from Japan in 1970. A round, bright red apple with firm, crisp, juicy, white flesh and a sprightly flavor. It will keep better than most early fall varieties. It tends to start bearing at an early age and is winter hardy. Not only is it scab, mildew and fire blight resistant, but it has the added distinction of being one of the very few self-pollinating apple varieties. If you have room for only one apple tree, this is the obvious winner. Ripening in late August to early September, it makes the perfect lunch box apple to start the school term!



SELF-FERTILE | ZONE 5 | HARVEST: EARLY-MID

108-0126	DWARF (M26)	\$33.95 EACH
108-0120	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH
108-0107	SEMI-DWARF (M7)	\$33.95 EACH

• CORTLAND NEW

This old favourite is one which we don't normally offer as it is not scab-resistant. This year, however, we have some surplus trees available from a large custom grafting order. Cortland was the first apple released by the NY Research Station in Cornell back in 1915. Hardy and reliable, it is still the fresh eating apple of choice for many. Ideal for pies and sauce but also very good for salads since it is slow to turn brown. Ripens in late September.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

110-1310	DWARF (B10)	\$33.95 EACH
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• CRIMSON CRISP™

An exciting new scab-resistant variety. Medium sized fruit that is covered with an attractive crimson red colour over 95% of its surface. It is noted for its very firm, crisp texture with a pleasing complex flavor. The tree is productive and very grower friendly with a spreading habit. Ripens in late September to early October and keeps up to six months in storage.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

110-1609	DWARF (BUD 9)	\$33.95 EACH
110-1635	SEMI-DWARF (G935)	\$33.95 EACH
110-1620	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH
110-1607	SEMI-DWARF (M7)	\$33.95 EACH

• CRIMSON® TOPAZ

This promising new disease-resistant variety from the Czech Republic always does well in taste tests. It is especially favoured by those who enjoy a clean, slightly sharp flavour. Yellow skin is well covered with orange-red striping by early October when it ripens. The vigorous tree produces an annual abundance of medium-large, very crisp dessert apples that do not easily drop and store quite well.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID-LATE

110-1707	SEMI-DWARF (M7)	\$33.95 EACH
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• ENTERPRISE

A medium to large glossy red smooth skinned apple. Its yellow cream coloured flesh is firm and very crisp. It is moderately acidic and has a spicy complex flavour. A good quality dessert apple, Enterprise is good for cooking and baking. Apples can be stored for 4-6 months, their flavour improving in storage. One of the best for disease resistance.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: LATE

112-0909	DWARF (BUD 9)	\$33.95 EACH
112-0920	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH
112-0907	SEMI-DWARF (M7)	\$33.95 EACH

• FREEDOM

After 23 years of testing with no spraying, Freedom was introduced by Cornell University in Geneva, NY in 1983. The name refers to it's "Freedom" from disease - including of course scab as well as fireblight and mildew. Similar to the old Wealthy apple, Freedom is a juicy, large red apple with aromatic old fashioned goodness - just right for apple sauce, juice or fresh eating. Ripens in late September and will keep for 2-3 months. A dependable choice that teams well with Liberty.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID

112-2809	DWARF (BUD 9)	\$33.95 EACH
112-2826	DWARF (M26)	\$33.95 EACH
112-2807	SEMI-DWARF (M7)	\$33.95 EACH

• FROSTBITE

Long known as MN447, it was used at University of Minnesota to develop new varieties (it is a parent to Sweet Sixteen and a grandparent to Honeycrisp) but finally named Frostbite and released in 2008. Not for those who prefer a bland apple- the intense sweetness of it's apricot-orange flesh has been described as tasting like molasses or even sugarcane! Aromatic and extra juicy, barely medium-sized fruit is dark red with a blueish-purple tint. An unforgettable apple for fresh eating, cooking, or cider. Extremely hardy, productive and reliable, it is great for northern regions and stores for 3-4 months.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID-LATE

112-2918	SEMI-DWARF (B118)	\$33.95 EACH
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Red Apples Continued

• HONEYCRISP

With its rich flavour and explosively crisp texture, Honeycrisp has become the #1 best selling apple across North America. This outstanding selection from Minnesota has a yellow background which is almost entirely covered with a red blush. It is excellent for both fresh eating and cooking and stores exceptionally well. Although it is scab resistant and cold hardy, it does have some bitter pit problems that are easier to manage in a commercial setting (foliar calcium sprays are suggested).



NEEDS A POLLENIZER | ZONE 3/4 | HARVEST: MID-LATE

114-0835	SEMI-DWARF (G935)	\$33.95 EACH
114-0810	DWARF (B10)	\$33.95 EACH
114-0820	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH
114-0802	SEMI-DWARF (G202)	\$33.95 EACH

• LIBERTY

Liberty has the distinction of being the most disease resistant variety developed to date. Crisp, juicy, light yellow flesh with sprightly flavour. Good for eating fresh, cooking, canning or desserts. Hardy, vigorous tree sets heavy fruit loads, so it benefits from thinning to ensure larger fruit. Flavour develops further when the apples are left in storage. Will keep for 3-4 months. Very reminiscent of McIntosh, this is the #1 backyard apple tree.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID-LATE

117-0110	DWARF (B10)	\$33.95 EACH
117-0120	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH
117-0106	SEMI-DWARF (M106)	\$33.95 EACH

• NOVA EASYGRO

We consider this selection from Kentville, Nova Scotia to be the ideal replacement for Cortland. It is slightly sweeter, every bit as hardy and, best of all has no scab problems. Large, reddish apples with firm, snow-white flesh will mellow and even improve in storage. An all around good eating and cooking apple. It ripens in mid-October and keeps till well after Christmas.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID-LATE

119-0507	SEMI-DWARF (M7)	\$33.95 EACH
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• NOVAMAC

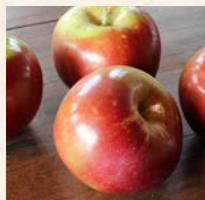
A medium-large, medium red apple similar to it's McIntosh parent in flavor, ripening time, hardiness and storage, but has the advantage of fire blight and scab resistance. Developed in Nova Scotia.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

119-0626	DWARF (M26)	\$33.95 EACH
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• NOVASPY

Another Nova Scotia introduction, Novaspy is an all-around improvement on the old Northern Spy which was the standard cooking apple for winter use in bygone days. Its creamy, yellow flesh is quite juicy and crisp and the sweet/tart flavour has a hint of vanilla, but it is milder and less acidic than Northern Spy. Dark red stripes practically cover the greenish yellow background of this versatile apple, which is one of the best for storage. Novaspy ripens slightly earlier and is resistant to scab and fire blight.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

119-0709	DWARF (BUD 9)	\$33.95 EACH
119-0720	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH

• REDFREE

One of the very finest early apples. Medium-sized, bright red blushed fruit with sweet, juicy white flesh that remains crisp for quite some time is rated very high in beneficial antioxidants. Great backyard tree with excellent disease resistance. Fruit does not all ripen at once for extended fresh eating. Also good for cooking, can be stored for almost 2 months.



courtesy of Adam's Co

NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY

121-1509	DWARF (BUD 9)	\$33.95 EACH
121-1526	DWARF (M26)	\$33.95 EACH
121-1520	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH

• SWEET SIXTEEN

Introduced by the University of Minnesota in 1978, this is a dependable variety for the north. This large red-striped fruit has a unique, pleasing, faintly nutty flavor which makes it an excellent apple for fresh eating. It has aromatic, moderately acid, firm, crisp, cream-coloured flesh with high sugar content so it also ranks highly as a pie and sauce apple. Resistant to scab and fire blight.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID

122-1226	DWARF (M26)	\$33.95 EACH
122-1218	SEMI-DWARF (B118)	\$33.95 EACH

• TANGOWINE

This rare cultivar is a local favorite in New Brunswick where it was discovered as a chance seedling. Medium-large, deep maroon apples with crunchy, pink veined flesh are aromatic and attractive. Great for fresh eating but even better for drying. In a New Brunswick trial testing the drying characteristics of over a hundred apple varieties, the terrific flavour of Tangowine garnered top place. Hardy and scab resistant, it makes an interesting addition to any orchard.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID-LATE

123-0126	DWARF (M26)	\$33.95 EACH
123-0120	SEMI-DWARF (B118/B10 INTERSTEM)	\$38.95 EACH

• WILLIAM'S PRIDE

Large, attractive dark red apple ripening just before Redfree. Crisp, juicy flesh is slightly spicy with the light cream colour showing red staining just under the skin. Fruit ripens over a period of several weeks and does not drop at maturity making it ideal for the backyard grower. William's Pride ranks high for all around disease resistance.

NEEDS A POLLENIZER | ZONE 3/4 | HARVEST: EARLY

124-0409	DWARF (BUD 9)	\$33.95 EACH
124-0426	DWARF (M26)	\$33.95 EACH

• WYNOOCHEE EARLY

Beautiful, high quality, very early red apple ranks high for scab resistance. Large, firm and juicy with great full-bodied flavour and crisp texture. Delightful fresh eating but also ideal for culinary usage - thin skin practically disappears when cooked. Wynoochee Early ripens over a 3 week period in August and will actually keep until Christmas in cold storage.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY

124-0610	DWARF (B10)	\$33.95 EACH
124-0618	SEMI-DWARF (B118)	\$33.95 EACH

Combination Apple

• 4 IN 1 APPLE COMBO

Combines at least 4 of the following 5 varieties:

Akane, Chehalis, Honeycrisp, Beni Shogun and Jonagold.

SELF-FERTILE | ZONE 4/5 | HARVEST: SEPT. THROUGH OCT.

170-0606	SEMI-DWARF (M106)	\$59.95 EACH
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Green, Yellow & Russet Apples

• CHEHALIS

Pronounced she-ha-lis, this yellow apple resembles Golden Delicious in appearance and flavour, but is larger and crisper. Makes a good baking apple with medium-fine textured cream coloured flesh. This highly scab resistant variety is also self-fertile. Excellent for organic growers who like a big, sweet, yellow apple.



SELF-FERTILE | ZONE 5 | HARVEST: MID

110-0709 DWARF (BUD 9)

\$33.95 EACH

110-0720 SEMI-DWARF (B118/B10 INTERSTEM)

\$38.95 EACH

110-0706 SEMI-DWARF (M106)

\$33.95 EACH

• GINGER GOLD®

An early Golden Delicious type apple ripening in late August. Large golden yellow fruit with red blush. High quality dessert apple has mild yet rich, spicy flavor with crisp, non-browning white flesh. Will keep for 2-3 months.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY

113-0226 DWARF (M26)

\$33.95 EACH

• GOLDRUSH

Goldrush is a late ripening, excellent quality golden apple with a bronze/red blush that delivers a "rush" of flavour. Pale yellow flesh is crisp, firm and non-browning. Definitely tart at picking time (late October) but mellows to a wonderfully complex spicy flavour in storage. Goldrush redefines "storage apple" as it can keep up to 11 months! It is also attracting the attention of cidemakers.



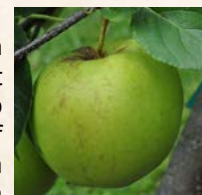
NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

113-0309 DWARF (BUD 9)

\$33.95 EACH

• GREENSLEEVES

Developed in England in the 1970's, this Golden Delicious cross resembles Granny Smith but ripens earlier and is much more resistant to scab and mildew. Compact tree bears heavy crops of beautiful green-gold fruit annually, starting at a young age. Juicy and very crisp apples have a fine, snappy, Granny Smith-type flavour and can hang on the tree for a long time.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

113-0907 SEMI-DWARF (M7)

\$33.95 EACH

• HOOPLES ANTIQUE GOLD **NEW**

Tom Burford chose this apple to grace the cover of his best selling book "Apples of North America". He calls it "the beauty queen of the russet apple world" and rightly so. Its evenly-russetted, burnished golden skin covers crisp, yellow flesh which has intense and exceptionally rich, complex flavour. Makes an excellent fresh eating and cooking apple, just like its Golden Delicious parentage and keeps several months. Ripens early October.

NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID-LATE

114-1009 DWARF (BUD 9)

\$33.95 EACH

114-1018 SEMI-DWARF (BUD 118)

\$33.95 EACH

• PRISTINE®

Really outstanding for an early apple, it is yellow with smooth, glossy skin and a high sugar content. Excellent for baking, fresh eating and sauce. It will keep for several weeks in the fridge. Vigorous and very disease resistant.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: VERY EARLY

120-1009 DWARF (BUD 9)

\$33.95 EACH

120-1026 DWARF (M26)

\$33.95 EACH

120-1020 SEMI-DWARF (B118/B10 INTERSTEM)

\$38.95 EACH

Heirloom Apples

We can't bring back the good old days, but in apples we can go one better! You now have access to the time proven varieties of Grandpa's day in a compact, more manageable tree size. The flavours and even the names evoke memories of bygone days when life seemed less complicated. Watch for continued expansion of this section, as we search out and bring back old time favorites at customers request.

• ASHMEADS KERNEL

An old English variety of unparalleled quality from the early 1700's. This one will fully engage your taste buds! To quote John Bunker "Each bite is an intense, aromatic sting of sharp and sweet, with hits of indescribable, but absolutely wonderful tastes and aftertastes." Small to medium, greenish-yellow apples with heavy brownish russet have crisp, juicy yellow flesh. A good sharp addition for cider but also great for sauce or dessert. Shows some resistance to scab and mildew. Ripens mid-late October. Store until New Year to reach perfection.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: LATE

108-0609 DWARF (BUD 9)

\$33.95 EACH

• BLACK OXFORD **NEW**

A rare heirloom apple which is making a real comeback, it was discovered around 1790 on a farm in Oxford County, Maine. Records exist that indicate the original tree was still producing in 1907! Mid-sized deep purple fruit has a glossy black sheen when fully ripe. A great all purpose variety but truly superb for drying or cider. Long storage enhances this apple's sweetness, with peak flavour for the best eating by late winter. Black Oxford is somewhat slow to start bearing and like many older varieties it has a tendency toward biennial (every other year) bearing. It shows both insect and disease resistance. Ripens late October.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

109-0910 DWARF (B10)

\$33.95 EACH

• CALVILLE BLANC D'HIVER

The classic French dessert apple dating back to 1598 and reputed to have been the favorite of King Louis XIII and also Thomas Jefferson. Tender, fine-grained, creamy white flesh is sweet-spicy with a delicate banana-like aroma. This medium-large, greenish-white apple with pale red dots on the sunny side surpasses all other apples and even the orange in Vitamin C content, coming in at 35-40 mg per 100 grams! Tops for sauce, cooking and dessert. Also recommended for vinegar and cider. An excellent keeper, ripening in late October-early November. Does best in a sheltered, sunny spot. Scab resistant.



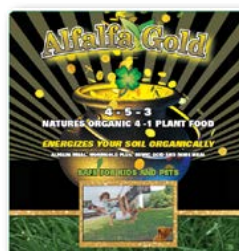
NEEDS A POLLENIZER | ZONE 5 | HARVEST: LATE

110-0109 DWARF (BUD 9)

\$33.95 EACH

110-0126 DWARF (M26)

\$33.95 EACH



Your new tree deserves the best start. Plant with Alfalfa Gold, our new organic fertilizer. See Page 53.

Heirloom Apples Continued

● CHISEL JERSEY **NEW**

This famous bittersweet cider apple hails from Somerset, England. The name stems from the olde English "chesil" which means "pebble" - aptly describing this small hard apple! The green, red-blushed fruit is highly regarded for cider blending. Ripens late October.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE
110-1010 DWARF (B10)

\$33.95 EACH

● GOLDEN RUSSET

Originating in New York in about 1845, these apples have a slightly rough skin that is a green/yellow colour with a golden brown or russet spots. The Golden Russet has a rich and distinctive flavor. The sweet juicy flesh is good for fresh eating and cooking and is considered to be the champagne of old time cider apples. The fruit keeps very well in cold storage.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

113-0626 DWARF (M26)

\$33.95 EACH

113-0606 SEMI-DWARF (M106)

\$33.95 EACH

● HOLSTEIN **NEW**

Discovered in Hamburg, Germany in 1918, Holstein is thought to be a seedling of Cox Orange Pippin. The medium-large, mottled orange fruit has often been a favourite at apple tastings. Highly aromatic with a delightful mixture of sweet and tart flavours and a hint of pineapple, it is prized for fresh eating and for flavourful juice. Vigorous, scab resistant tree. A good keeper ripening in mid October. Plant with several other varieties as it is a triploid.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

114-0709 DWARF (BUD 9)

\$33.95 EACH

● HUDSON'S GOLDEN GEM **NEW**

Discovered as a fence row seedling in Oregon about 1931. The large, deeply russeted fruit with its conical, elongated shape was first thought to be a pear and indeed even the flavour is somewhat pear-like. Crisp and sugary, rich, nutty and refreshing it's a first-rate dessert apple as well as baking, drying and cider. Productive tree is quite scab, mildew and fireblight resistant. Ripens in late October and will hang on the tree well into winter. A good keeper.



NEEDS A POLLENIZER | ZONE 3/4 | HARVEST: LATE

114-1109 DWARF (BUD 9)

\$33.95 EACH

114-1118 SEMI-DWARF (BUD 118)

\$33.95 EACH

● KINGSTON BLACK

The renowned English cider apple. Medium-sized, solid red, conical fruit is quite astringent for fresh eating but will produce an exceptionally well-balanced deep rich dark coloured juice. One of very few varieties capable of making a vintage cider without blending.



NEEDS A POLLENIZER | ZONE 5 | HARVEST: LATE

116-0610 DWARF (B10)

\$33.95 EACH

● MACOUN

Developed at Geneva NY in 1923. Macoun is an older favourite that is similar to McIntosh noted for being a high quality fruit that is great for both fresh eating or cooking with firm, juicy white flesh. A top choice for the home orchard but is less suited for commercial pursuits as the fruit drops readily and bruises easily. Very fire blight resistant.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID-LATE

118-0209 DWARF (BUD 9)

\$33.95 EACH

118-0220 SEMI-DWARF (B118/B10 INTERSTEM)

\$38.95 EACH

● MICHELIN **NEW**

A medium-bittersweet cider apple, Michelin was originally from Normandy, France and introduced into England in 1884. It remains extremely popular in modern English cider orchards because it is so reliable and productive. Mid-sized pale green apple resembles the Tolman Sweet and is used primarily for cider blending. Ripens mid October.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: MID-LATE

118-0610 DWARF (B10)

\$33.95 EACH

● RIBSTON PIPPIN **NEW**

Originated in Yorkshire, England around 1700 and long considered the classic "upscale" English dessert apple. Mid-sized, bright orange, red-blushed fruit has a pleasant aroma and a rich, refined flavour. The fine-grained flesh is hard, crisp and extremely sugary. One of the best for eating, cooking and cider. Ripens early October. It is a triploid so be sure to have several other varieties for cross pollination.



NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: MID

121-1709 DWARF (BUD 9)

\$33.95 EACH

121-1718 SEMI-DWARF (BUD 118)

\$33.95 EACH

● SWEET BOUGH **NEW**

An old American variety first described in 1817, but very uncommon in recent times. It was sometimes called the "Honey Apple" and generally regarded as the best early sweet apple. Large pale-yellow fruit with tender, juicy flesh makes good fresh eating, but is especially fine for apple sauce. Scab resistant. Ripens late August - early September.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: VERY-EARLY

122-1009 DWARF (BUD 9)

\$33.95 EACH

122-1018 SEMI-DWARF (BUD 118)

\$33.95 EACH

● TOLMAN SWEET

Developed in Massachusetts back in 1822, Tolman Sweet is a large green or yellow apple, which is occasionally blushed red with russet lines. Its firm flesh is dry to slightly juicy and very sweet. Tolman Sweet is a good cooking apple and it is also excellent for sweet cider and drying. Stores very well.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: LATE

123-0209 DWARF (BUD 9)

\$33.95 EACH

123-0218 SEMI-DWARF (B118)

\$33.95 EACH

Heirloom Apples Continued

• WEALTHY

This extremely disease resistant, cold hardy variety harks back to a cherry crab seedling planted by Peter Gideon near Excelsior, Minnesota in 1860. A cold climate favorite, Wealthy is a heritage apple with old fashioned flavour. The fruit is a deep red colour over a pale yellow ground. Its white flesh has some pink veining and is crisp, juicy and has a very mild, yet distinctive sweet/tart flavour. The fruit is good for cooking, baking, freezing, drying and juice. An excellent all purpose apple.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: EARLY-MID

124-0120 SEMI-DWARF (B118/B10 INTERSTEM) \$38.95 EACH
124-0118 SEMI-DWARF (B118) \$33.95 EACH

• WOLF RIVER

Dating back to an open-pollinated Alexander seedling found growing on the banks of the Wolf River near Freemont, Wisconsin in 1875, this apple is legendary for its immense size, often weighing more than one pound. It is a very pale reddish colour on a yellow background with a creamy white coloured flesh. It has a mild and pleasant flavour and is excellent for cooking, baking and drying. Wolf River is very winter hardy.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID

124-0509 DWARF (BUD 9) \$33.95 EACH
124-0520 SEMI-DWARF (B118/B10 INTERSTEM) \$38.95 EACH

• YELLOW TRANSPARENT

Early settlers in Minnesota, Michigan and the Dakotas had difficulty finding apple trees that would survive the rigorous mid-west winters. So in the 1870s, the US department of Agriculture imported numerous varieties from Russia. Among them was the Yellow Transparent which became a favorite for its high quality, scab-free and early ripening apples and of course, its winter hardiness. One of the earliest summer apples, Yellow Transparent has a pale yellow translucent skin. Its white flesh has a light texture and is very crisp and juicy and has a sweet/tart flavour. It is a very popular choice for apple sauce and also makes great pies.

NEEDS A POLLENIZER | ZONE 2/3 | HARVEST: VERY EARLY

125-1226 DWARF (M26) \$33.95 EACH

Purple/Red fleshed Apples

• GLOWING HEART

Enjoy the reaction when your friends take their first unsuspecting bite out of the attractive scarlet-purple fruit. Although the startling crimson flesh is somewhat tart for fresh eating it makes a splendid cranberry-red sauce. Since Glowing Heart ripens early-just after Yellow Transparent, some creative canners take advantage of the vivid contrast by serving these apple sauces together or even preserving in alternating layers. In addition to food this rare, distinctive variety also provides outstanding ornamental value. As Bill O'Keefe says – it is the prettiest tree in his whole orchard, especially in the springtime when it is bedecked with burgundy and pink hued blossoms.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: VERY EARLY

102-1809 DWARF (BUD 9) \$33.95 REDUCED \$23.95 EACH

• PINK PRINCESS

The soft-hued, rosy pink flesh of this seldom seen variety is possibly the sweetest of any red-fleshed apple. First rate eating quality, adding a regal touch to fruit salads, juice, sauce or pies. Developed by Fred Janson of Dundas, ON, Pink Princess is superior to it's popular parent Pink Pearl, in both flavour and scab resistance with a deeper crimson blush to it's yellow cheeks. A compact, spreading and productive tree with exquisite charm at spring bloom time fully befitting the Pink Princess name.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

102-5526 DWARF (M26) \$33.95 EACH
102-5507 SEMI-DWARF (M7) \$33.95 EACH

• PURPLE PASSION NEW

This 'mystery apple' from Quebec is the same one we have offered right along, however, due to mistaken identification we were selling it as 'Geneva' in 2015 and 2016. Now that we have had a chance to compare it with the real Geneva, it is definitely not the same! Purple Passion is a larger apple with much deeper red flesh. Although it ripens later than Geneva it will hang on the tree a lot longer. Purple Passion is crimson red already in early September, but it will become much sweeter if you wait another month or so to pick it. A unique blend of exotic and practical.



NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID-LATE

102-6109 DWARF (BUD 9) \$33.95 EACH
102-6118 SEMI-DWARF (B118) \$33.95 EACH

Apple Ripening Order

VERY EARLY LATE JULY	EARLY AUGUST	EARLY-MID EARLY-MID SEPTEMBER
Yellow Transparent Pristine Sweet Bough Glowing Heart	Dolgo Crabapple Redfree Wynoochee Early Ginger Gold William's Pride	Whitnet Crabapple Akane Wealthy Chestnut Crabapple Novamac
MID-SEASON MID-LATE SEPTEMBER	MID-LATE EARLY-MID OCTOBER	LATE MID-LATE OCTOBER
Chehalis Sweet Sixteen Freedom Scarlet Sentinel Pink Princess Greensleeves Cortland Wolf River Crimson Crisp Wickson Crabapple Ribston Pippin	Honeycrisp Golden Sentinel Galarina Liberty Macoun Frostbite Tangowine Crimson Topaz Michelin Purple Passion Hooples Antique Gold Nova Easygro	Holstein Nova Spy Golden Russet Tolman Sweet Kingston Black Chisel Jersey Enterprise Hudson's Golden Gem Ashmead's Kernel Black Oxford Goldrush Calville Blanc d'Hiver

Ripening dates are approximate. They will depend on your location. The latest ones may not always ripen in the far north

Some one has observed that apple lovers are usually people with healthy livers and therefore very amiable. An old proverb says: "It will beggar a doctor to live where orchards thrive."

- Agriculture of Maine, 1892

>Crabapples

The reasons for planting a crabapple tree are many and varied. Commercial orchardists value the pollination benefit of their extravagant blooming, while some homeowners simply enjoy the fragrant and elegant beauty of the spring blossom show. Others have discovered the unexpected pleasurable eating experience some varieties provide. A renewed interest in cider making is also fueling a fresh appreciation for the crabapple contribution. What's more, their innate cold hardiness and naturally compact form opens the opportunity for almost anyone to plant one. From the numerous varieties out there, we have tried to select cross section of trouble-free top performers.

1.25-2m (4-6ft) bareroot trees

Edible Crabapples

• CHESTNUT CRABAPPLE

Fabulous, complex flavour in a golf ball-sized fruit! Chestnut has been known to win apple taste tests with its crisp, sweet yellow flesh that is nutty with a hint of vanilla. Reddish bronze fruit hangs on the tree long after ripening and is ideal for dessert, cider, pickling or sauce. With large, aromatic white blossoms, this disease resistant variety makes a great ornamental landscaping addition.

SEMI-FERTILE | ZONE 3 | HARVEST: EARLY-MID

110-0818 SEMI-DWARF (B118)

\$33.95 EACH



• DOLGO

This classic heirloom variety has been called the perfect apple tree because it is so hardy, pest resistant and carefree. Although its beautiful purple-red 'mini-apples' are too tart for most taste buds, they make superb ruby jelly and are attracting attention from cider makers. Dolgo is a somewhat larger tree than most crabs and is literally covered with spectacular white blossoms in early spring.

SEMI-FERTILE | ZONE 2/3 | HARVEST: EARLY

111-0598 STANDARD

\$33.95 EACH



• WHITNEY

Intense and incredibly sweet, it is considered by some to be the best edible crab. Whitney resembles Chestnut in size and colour, but is slightly more pinkish. Aside from fresh eating, it is excellent for pickling or cider. An added bonus is the magnificent pink and white blossoms covering this narrow, upright tree in spring.

SEMI-FERTILE | ZONE 3 | HARVEST: EARLY-MID

124-0206 SEMI-DWARF (M106)

\$33.95 EACH



• WICKSON NEW

Wickson Crab will startle your taste buds with shockingly high sugars (25%) and enough acid to almost hide it. Rowan Jacobsen describes its intense flavour as "wicked tart, wonderfully perfumed, wildly sweet". This pint-sized powerhouse makes memorable fresh eating and adds zing to your cider. In autumn the tree is a pretty sight - heavily laden with garlands of its 1½" - 2" red and yellow fruit. Ripens in late September.

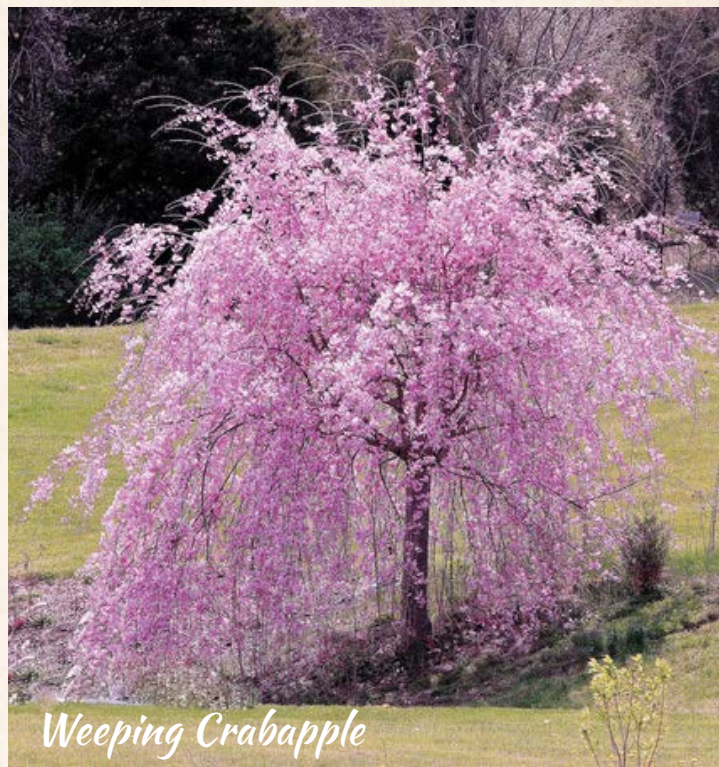
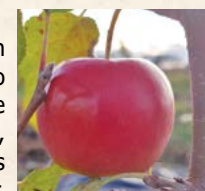
NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID

124-0309 DWARF (BUD 9)

\$33.95 EACH

124-0318 SEMI-DWARF (BUD 118)

\$33.95 EACH



Weeping Crabapple

Flowering Crabapples

We have added a few exceptionally hardy flowering crabapples.

• ECHTERMAYER WEeping CRAB NEW

In the springtime, the bees love Echtermeyers large purple red blossoms, which are providing a pollination partner for any other nearby apple tree. Small, deep red fruit hangs into early winter for the birds to enjoy, while the graceful, weeping tree itself, elegantly accents your landscape. Foliage starts off on a purple note, fading to a bronze-green.

SELF-FERTILE | ZONE 2/3

101-1498 STANDARD (ANTONOVKA)

\$39.95 EACH

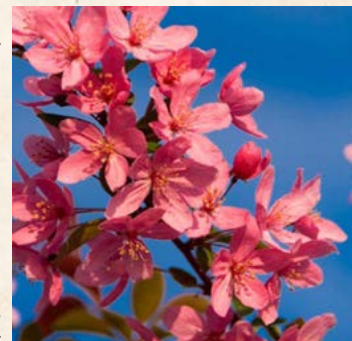
• PROFUSION

We have selected this one for its 'profusion' of breathtaking purple-red blossoms that age to magenta tones. Even the foliage garners attention, with leaves budding out purple and fading to bronze. Maroon, 1 cm (1/2") fruit bedecks the tree long after the leaves drop, providing food for the birds. Although this dependable, disease resistant tree is primarily considered as a landscaping specimen, it is also a great pollenizer for other apple trees.

SELF-FERTILE | ZONE 4

101-3198 STANDARD (ANTONOVKA)

\$39.95 EACH



• THUNDERCHILD NEW

Thunderchild is covered with delicate, rosy-pink blossoms in spring which turn into dark red 1cm fruit. Dense, compact tree has an upright, spreading growth habit and can reach 6m (20ft) at maturity. Elegant, midnight-purple foliage. Named to honour Mistawasis Cree Chief Thunderchild (1849 - 1927). Highly resistant to fireblight and extremely hardy.

SELF-FERTILE | ZONE 2/3

101-3698 STANDARD (ANTONOVKA)

\$39.95 EACH

>Specialty Apples

Columnar Apples

These unusual trees open up intriguing possibilities, especially for urban farmers. With apples growing on short spurs, very close to the trunk, these hardy and disease resistant varieties can be tucked into tight corners where you'd never before pictured an apple tree. Try several in containers on your balcony. Consider planting a row of alternating varieties 1 meter (2 - 3 feet) apart as a section of living fencing. Not only would it define the property line and provide a measure of privacy, but at the same time it would supply both you and your neighbor with baskets of apples for fresh eating, pies and cider!

1.25-1.5m (4-5ft) bareroot tree

• GOLDEN SENTINEL™

Large, attractive, golden yellow fruit is juicy and sweet. Ripens late September and will keep in storage until January.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

104-3026 DWARF (M26)

\$39.95 EACH

• SCARLET SENTINEL™ NOT AVAILABLE FOR SPRING 2017

Very large greenish-yellow apples are almost entirely covered with a red blush. Crisp, pure white flesh is sweet and flavourful. Good keeper. Is slightly more compact than Golden Sentinel.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

104-7026 DWARF (M26)

\$39.95 EACH



Super Dwarf Apples

NOTE: Unfortunately we have no trees on the superdwarf M27 rootstock for this year. They will be back for spring 2018 - we have a number of varieties grafted in our production field.

Pollination Notes

Pollination is often the most confusing aspect of selecting a tree for aspiring fruit growers. This topic actually does involve the birds and the bees. Various pollinator insects do the important work of moving pollen from blossom to blossom.



Some trees and many berry plants are "**SELF-FERTILE**" – means the insect pollinators or even the wind can pollinate the blossoms without the need of a second tree.

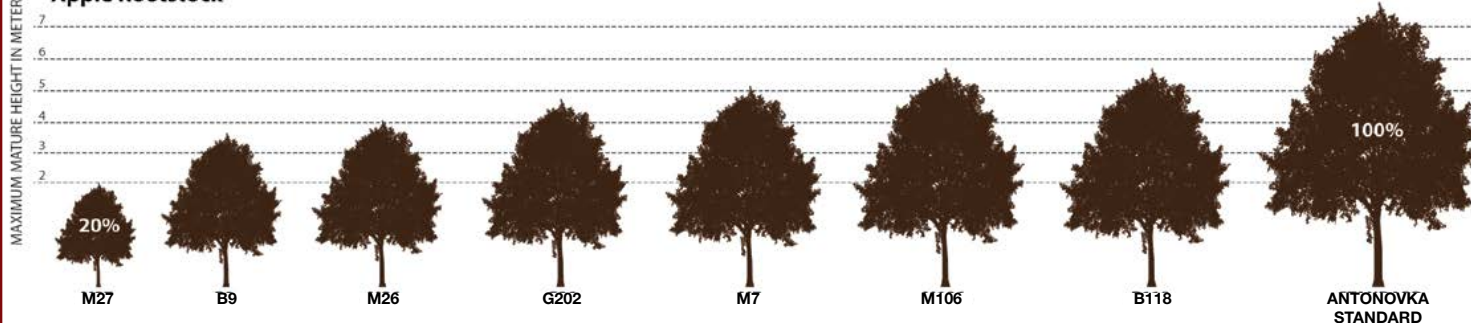
"**NEEDS A POLLENIZER**" – means another tree of the same **type** or **kind** but a **different variety** must be blooming nearby at the same time

EXAMPLE – A Liberty apple and a Wealthy apple **can** cross-pollinate. Two trees of the **same variety** ie: – 2 Wealthy apples, **cannot** cross pollinate because they are genetically identical.

Other trees are marked as "**SEMI-FERTILE***". These will set fruit without a second tree. However they will often bear more, and sometimes larger fruit if another **variety** of the same **kind** of tree is nearby.

You can select 2 different trees of the same **kind** marked as "**NEEDS A POLLENIZER**" or plant one of those along with one "**SELF-FERTILE**" or one "**SEMI-FERTILE***". Also consider ripening times – a Goldrush apple might not start blooming before a Pristine is finished.

Apple Rootstock



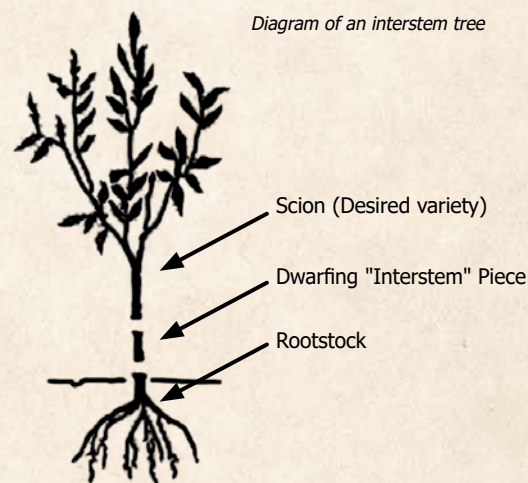
Please note: sizes given at maturity are an approximation and may vary depending on soil type and growing conditions. Another factor is the variation of vigor in different varieties. For instance, crabapples are naturally smaller, even on larger rootstock.

Apple Rootstock

ROOTSTOCK	PROS	CONS
BUD 9 DWARF (2.5 - 3.5 m / 8 - 11 ft.)	<ul style="list-style-type: none"> • very cold hardy Russian rootstock • begins bearing at an early age • very productive • does well in most soils • collar rot resistant • better fire blight resistance than M9 dwarf 	<ul style="list-style-type: none"> • tree support is usually recommended • not as drought tolerant as a bigger tree
B10 DWARF (2.7 - 3.5 m / 9 - 11 ft.)	<ul style="list-style-type: none"> • very similar to Bud 9 in all respects, with just slightly more vigor and enhanced fireblight resistance 	<ul style="list-style-type: none"> • tree support is usually recommended • not as drought tolerant as a bigger tree
M26 DWARF (3 - 4 m / 9 - 13 ft.)	<ul style="list-style-type: none"> • reasonably winter hardy • good general purpose rootstock • quite productive 	<ul style="list-style-type: none"> • reasonable root anchorage, but should still be staked for the first five years • needs well drained but not too sandy soils • not very drought tolerant • fire blight susceptible
G935 SMALL SEMI-DWARF (3.25 - 4 m / 10 - 13 ft.)	<ul style="list-style-type: none"> • almost as cold hardy as BUD 9 • begins bearing at an early age • very resistant to fire blight • very productive 	<ul style="list-style-type: none"> • tree support still suggested
G202 SMALL SEMI-DWARF (3.25 - 4.25 m / 10 - 15 ft.)	<ul style="list-style-type: none"> • almost as cold hardy as BUD 9 • begins bearing at an early age • very resistant to fire blight 	<ul style="list-style-type: none"> • tree support still suggested • fruit size may be slightly smaller
M7 SEMI-DWARF (3.6 - 5 m / 12 - 16 ft.)	<ul style="list-style-type: none"> • quite winter hardy • does well in most soils, will tolerate heavier soils • quite drought tolerant • tree support only needed in windy locations • fairly resistant to fire blight and collar rot 	<ul style="list-style-type: none"> • root suckers • takes longer to bear fruit • not as productive
M106 SEMI-DWARF (3.6 - 5.2 m / 13 - 17 ft.)	<ul style="list-style-type: none"> • well anchored tree, needs no support • good productivity • quite drought tolerant 	<ul style="list-style-type: none"> • plant only in well drained or light soils • susceptible to collar rot
BUD 118 SEMI-DWARF (4 - 5.5 m / 14 - 19 ft.)	<ul style="list-style-type: none"> • very cold hardy and drought tolerant • does well in most soil conditions • begins bearing at an early age • most production per tree • fire blight and collar rot resistant 	<ul style="list-style-type: none"> • can be too large for confined spaces • more ladder work for pruning and picking
ANTONOVKA STANDARD (6 - 7 m / 18 - 23 ft)	<ul style="list-style-type: none"> • extremely cold hardy Russian root stock • ideal for short season northern regions • deep roots tolerate drought and poor soils • trees can live over 100 years • will produce tart yellow apples if not grafted 	<ul style="list-style-type: none"> • can take 8-10 years to come into production • it is seeding rootstock, not clonal (like all the above) so expect more variation in tree size and vigor • takes up a lot of space • you need a long ladder

Interstem Rootstocks: B118/B10

We now offer some apple trees on '**interstem**' rootstock. This is a **combination of two rootstocks** grafted together, with the fruiting variety grafted on top. The resulting tree consists of **three parts**: the **primary rootstock** (which is all underground), the **interstem** (15-20 cm long, of which 1/2 is underground) and the **grafted variety** (which is really the tree you see). The interstem tree combines the best of both worlds for a **premium quality homeowner tree**. The **B118 primary rootstock** provides a widespread root system for good anchorage, drought resistance and nutrient absorption. With a **B10 interstem** the mature tree size is just slightly larger than a regular dwarf - so the advantage is retained of a compact tree with early fruiting. We recommend planting the tree with the finished soil level about halfway between the grafts (about 10cm or 3" below the top graft).



> Pears (*Pyrus communis*)

Pears are a great compliment to any home orchard. They usually require less maintenance than other fruit as far as pruning and spraying and tolerate heavy clay soils. Most pear orchards are gone, so Canada most import millions of pounds every years just to meet the present consumer demand. We chose this interesting collection of pears for their wonderful quality of fruit and because they are among the easiest for orchardists to grow organically. Mid-season represents early to mid-September in southwestern Ontario.

1.25-2 m (4-6 ft) bareroot trees

• CLARA FRIJS **NEW**

A delicious dessert pear from Denmark dating back to mid 1800s it is still very popular in Minnesota farmers markets. The firm honey-vanilla flavoured flesh is smooth and buttery rather than crisp. Very productive, rugged hardy tree. Mid-sized, thick-skinned yellowish green fruit ripens early September and keeps for about a month. It is also known as 'Comtesse Clara Frijs'.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY-MID

131-2887 SEMI-DWARF (OHXF 87) \$35.95 EACH

• CONCORDE® **NEW**

This relatively new British variety was named after the Supersonic Concorde airliner. A cross of Conference and Comice it has proven to be very winter hardy. Large attractive pink blushed green fruit with slender necks have finely textured, juicy flesh with exceptional sugary, rich flavour. Concorde begins bearing at a young age. It is also one of the best storing pears, keeping until late April. Ripens mid - late October.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: LATE

131-2587 SEMI-DWARF (OHXF 87) \$35.95 EACH

• DOUGLAS **NEW**

This variety comes highly recommended by Minnesota growers. Obviously very hardy, it also offers superior disease resistance including, of course, fireblight. Large golden yellow, firm fleshed fruit is a good keeper and works well for both canning and fresh eating. Douglas is productive and very precocious meaning it starts producing young, usually by the second year after planting. Ripens early to mid October.

NEEDS A POLLENIZER | ZONE 3/4 | HARVEST: LATE

132-0387 SEMI-DWARF (OHXF 87) \$35.95 EACH

• EMERY

Comes from a tree that Professor Mike Bleho of Montreal grafted with scionwood which his father brought over from Slovakia and consequently named it after him. The old tree back home in Europe was a long-time family favorite. An attractive, medium-large, greenish pear with a long, slender neck, it has a smooth, buttery texture to it's richly flavored flesh. A useful multi purpose pear and excellent for dessert. Ripens in early October and keeps exceptionally well - at least six months in cold storage.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: LATE

132-1687 SEMI-DWARF (OHXF 87) \$35.95 EACH



• HONEY SWEET **NEW**

Similar to the well known Seckel or Sugar pear but in a larger, longer keeping fruit. Delectable, smooth, creamy flesh is supersweet and firm. Honey Sweet is hardy and resistant to fireblight and foliage diseases. It is one of the few pears that will set fruit without a pollinizer, but the fruit will be bigger if you have another variety nearby. Ripens early September.

SEMI-FERTILE* | ZONE 4 | HARVEST: EARLY-MID

132-4587 SEMI-DWARF (OHXF 87) \$35.95 EACH

• LUSCIOUS

Luscious produces a sweet and very juicy pear with buttery flesh. This medium sized, bright yellow fruit with a red blush has a flavour similar to Bartlett, only more intense. An excellent fresh eating pear, but less suited for canning. Ripens in late September and keeps for several weeks. Vigorous, hardy tree is resistant to fire blight. Brilliant red fall foliage is an added bonus.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID

133-3587 SEMI-DWARF (OHXF 87) \$35.95 EACH

133-3550 STANDARD (PYRUS COMMUNIS) \$35.95 EACH



• MAGNESS

A medium sized greenish brown pear with light, russetting, Magness is considered by many to be the very finest flavoured of all the pears when fully ripe. It's rich, sugary, smooth, aromatic flesh is juicy and grit free with a slightly tougher skin which reduced insect damage and contributes to longer shelf life. Can be stored up to four months. Extremely fireblight resistant tree grows more spreading than most pears and is moderately productive. Does not pollinate well, so plant with two other varieties. Ripens late September, one week after Bartlett.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: MID

133-4533 SEMI-DWARF (OHXF 333) \$35.95 EACH

133-4587 SEMI-DWARF (OHXF 87) \$35.95 EACH



• MAX RED BARTLETT **NEW**

An attractive, solid reddish-brown pear. Discovered in Washington State in 1938, this unique and interesting variation of the old, familiar Bartlett offers some distinct advantages that are more than skin deep. It has the tangy, regular Bartlett flavour but is decidedly sweeter. The tree is slightly more fire blight resistant and tends to start bearing at a younger age. Also considered to be every bit as cold hardy and productive. Ripens early September.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: EARLY-MID

133-4833 SEMI-DWARF (OHXF 333) \$35.95 EACH

133-4887 SEMI-DWARF (OHXF 87) \$35.95 EACH



• MOONGLOW

A medium to large sized yellow fruit with a pink blush. Soft, juicy, white flesh and almost no grit. Excellent mild flavour that is well suited for fresh eating and canning. Stores well. Moonglow is a healthy tree that is fireblight resistant. Good choice for commercial production or home gardens. Ripens to peak flavour in cold storage for 10 to 15 days after picking.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY

133-5131 DWARF (QUINCE) \$35.95 EACH

133-5133 SEMI-DWARF (OHXF 333) \$35.95 EACH

133-5187 SEMI-DWARF (OHXF 87) \$35.95 EACH



● **NORTHBRITE**

An attractive, red-blushed, medium sized pear, its mild sweet flavour and firm flesh make it ideal for both eating or canning. The dependable, productive tree is rather compact in form and very disease resistant. An all around winner, and proven to be one of the most cold hardy choices too.



NEEDS A POLLENIZER | ZONE 3 | HARVEST: EARLY-MID
133-6487 SEMI-DWARF (OHXF 87) \$35.95 EACH

● **NOVA NEW**

Introduced by Bill MacKentley of St. Lawrence Nurseries of up state New York. He considered it his best variety naming it after his daughter Nova. Large, thin skinned pear has a smooth, creamy texture. Delightful fresh eating and also one of the best for canning. Appears to be scab and fireblight resistant as well as self-fertile. Almost as hardy as Patten. Ripens early September.



SEMI-FERTILE* | ZONE 3 | HARVEST: EARLY-MID
133-6597 STANDARD (OHXF 97) \$35.95 EACH

● **PATTEN NEW**

Introduced in 1922 and still esteemed as the best quality large hardy pear available, with proven winter survival below -40°C! Fruit size and shape is similar to Bosc. Tender, juicy, fine textured flesh with subtle almond flavour makes great fresh eating. Also works well for canning. Ideally it is picked a week before maturity then allowed to ripen. Good fireblight resistance. One of the best pollenizers for other varieties. Ripens in mid - late September.

NEEDS A POLLENIZER | ZONE 2/3 | HARVEST: MID
134-0187 SEMI-DWARF (OHXF 87) \$35.95 EACH

● **SHELDON**

Sheldon is listed in the "Fruit of Ontario" published in 1906, with this description: "One of the most delicious of dessert pears, if eaten at just the right time. Worthy of a place in every home garden, but not productive enough to be planted for market." It can still be found here and there in old orchards and has kept a loyal following of folks who prefer it. The round conical fruit is quite large and very juicy with a delicately spicy flavour. Ripens in October. Keeps well.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: MID-LATE
134-2487 SEMI-DWARF (OHXF 87) \$35.95 EACH

Tree Training Tip

European Pears are notorious for taking a long time to come into production, hence the saying "plant pears for your heirs". This is because by nature they are very upright growing which results in lots of vegetative growth instead of fruit. The best solution to this problem is to train the young branches down to a almost horizontal position which induces fruit buds to form. The best time to spread branches is in early summer when flowing sap makes wood tissue pliable. After a season the branches are locked into position.

Different spreading methods can range from tying down branches with string, to our limb spreaders on page 57 depending on the size of the limb. A properly trained tree will need only minimal corrective pruning over the years to maintain this natural spreading shape. Plus you get to the bearing years that much sooner by doing as little pruning as possible the first years.

● **SIERRA NEW**

For those of you who know you prefer the Bartlett pear, Sierra is sure to please. Although very similar in flavour, texture, ripening time, etc. the Sierra is of noticeably finer quality. With its thin skin and fine grained flesh it is slightly more susceptible to bruising, so although Bartlett is more suited for commercial growers, the home owner will appreciate Sierra's superior quality, better disease resistance, and winter hardiness. Ripens mid - late September and will keep until January.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: MID
134-2987 SEMI-DWARF (OHXF 87) \$35.95 EACH

● **SO SWEET**

This still seems to be our best pear for the northern fringe of pear growing possibilities. Heavy crops of small to medium sized fruit. Sugary-sweet, juicy and delicious for snacking.



SELF-FERTILE | ZONE 2/3 | HARVEST: EARLY
134-3087 SEMI-DWARF (OHXF 87) \$35.95 EACH

● **SUNRISE NEW**

A new highly disease resistant selection, Sunrise is the first pear of the season to ripen. Pleasant, sweet flavour and an attractive appearance makes this one an easy seller. In addition, it stores surprisingly well for an early pear - up to several months. Ripens mid August.



NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: EARLY
134-3487 SEMI-DWARF (OHXF 87) \$35.95 EACH

● **TYSON NEW**

An old heirloom variety also known as the "Early Sugar Pear", it was discovered in 1794 by Jonathan Tyson in a fence row on his Philadelphia area farm. A fine pear, yielding enormous crops of medium sized, crimson-blushed, yellow fruit. Melting, juicy, spicy-sweet flavour makes excellent fresh eating as well as canning and cooking, but like most early fruit it does not store very long. Hardy tree has well proven fireblight resistance. Ripens mid - late August.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY
135-0687 SEMI-DWARF (OHXF 87) \$35.95 EACH

TOO MANY TO CHOOSE FROM? KEEP IT SIMPLE & SAVE BY SELECTING ONE OF OUR 2017 PEAR PACKAGES

● **2017 HARDY PEAR PACKAGE**

1 So Sweet	Zone 2/3	Early
1 Patten	Zone 2/3	Mid
1 Douglas	Zone 3/4	Late
199-3203	3 TREES	\$88.95

● **2017 SELECT PEAR PACKAGE**

1 Tyson	Zone 4	Early
1 Sierra	Zone 4	Mid
1 Emery	Zone 4/5	Late
199-3303	3 TREES	\$82.95

SEMI FERTILE* – means it will bear fruit if planted alone. It will usually bear more (and possibly larger) fruit if you plant a second (different) variety for cross-pollination.

→ Asian Pears (*Pyrus pyrifolia*)

Asian pears are crunchy and very juicy with a refreshing flavour totally different from European pears. The Chinese and Japanese have been growing them for 3000 years. In the California Gold Rush of 1849, they were introduced to America by Chinese miners. In recent years they have become better known and quite popular. Asian pears are very productive and should be hand-thinned for better fruit size and to avoid limb breakage. In contrast to European pears, they are best when thoroughly ripened on the tree. To avoid bruising, handle gently when picking. Storage life is outstanding, some in excess of six months.

Asian pears develop the best flavour in a hot summer, so plant in a somewhat sheltered location with full sun exposure. The trees are more compact than European pear trees and offer great visual appeal with their masses of white blossoms in the spring followed by waxy green leaves that turn into a spectacular array of fall colours.

1.25-2 m (4-6 ft) bareroot trees

• CHOJURO 'THE RUM PEAR'

Sometimes called "Old World", it originated in Japan back in 1895. Medium to large, dark golden fruit with thick skin has a rich, distinctive, rum-like flavour. Mid-size tree is vigorous, early-bearing and productive. Ripens in late September and stores for up to 6 months.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: MID
131-2697 STANDARD (OHXF 97)



\$39.95 EACH

• HAYATAMA

A little known variety that deserves more recognition, Hayatama is one of our favourites. A medium-sized, orange-brown pear with an exotic tropical fruit flavour, this thirst-quenching juiceball is the first Asian to ripen - conveniently timed to meet pent-up demand for fresh fruit. Mike Bleho finds it to be a best seller at his Montreal market stand.

SEMI-FERTILE* | ZONE 4 | HARVEST: EARLY
132-4387 SEMI-DWARF (OHXF 87)
132-4339 STANDARD (PYRUS BETULAFOLIA)



\$39.95 EACH
\$39.95 EACH

• KENKO

As customer feedback increases from year to year, so do the positive reports of Kenko, in regards to taste and also winter hardiness. This large, golden brown Asian pear is crunchy, aromatic and refreshing with storage enhancing sweetness of its delicate pineapple-tinged flavour. It will easily keep for at least 6 mo. Kenko is very disease resistant and one of the easiest fruits to grow organically.

SEMI-FERTILE* | ZONE 4 | HARVEST: MID
133-2133 SEMI-DWARF (OHXF 333)
133-2187 SEMI-DWARF (OHXF 87)



\$39.95 EACH
\$39.95 EACH

• MEIGETSU

Meigetsu has quickly become one of our favourites now that we have tasted the fruit. Large, golden brown fruit is crisp, aromatic and pleasantly sweet. Vigorous, spreading tree appears to be quite hardy and disease resistant. Ripens mid October and keeps several months.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: LATE
133-4997 STANDARD (OHXF 97)



\$39.95 EACH

• SHINKO 'THE BUTTERSCOTCH PEAR'

A newer variety from Japan where the name Shinko means "new success". Medium to large, golden-russet pear with a radiant skin. The creamy, yellow flesh is crisp and very juicy with a rich, sweet butterscotch flavour. A heavy bearing tree, Shinko is noted for having the best fireblight resistance of any Asian. Ripens mid-October and keeps about 3 mo.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: LATE
134-2633 SEMI-DWARF (OHXF 333)

\$39.95 EACH

• SHINSEIKI

A cross between Nijisseiki and Chojuro, Shinseiki is a medium sized early ripening fruit that has bright yellow skin. Its smooth creamy white flesh is sweet, flavourful and extremely juicy. Shinseiki is very precocious and an early producer, sometimes bearing fruit when the tree is only two years old. Fruit stores very well.

SEMI-FERTILE* | ZONE 4 | HARVEST: EARLY-MID
134-2733 SEMI-DWARF (OHXF 333)
134-2787 SEMI-DWARF (OHXF 87)



\$39.95 EACH
\$39.95 EACH

• TAYLOR APPLE PEAR

Two record-breaking, brutally cold winters back to back here in Eastern Canada have demonstrated conclusively that although the Taylor Apple Pear is not unkillable, it is certainly the most cold-hardy Asian Pear we know of. Another interesting aspect of the Asian pear is how their flavour is influenced by growing season conditions almost as much as grapes. This past summer with adequate sunshine and lots of moisture put the Taylor Apple Pear right up there in refreshing crispness and flavour complexity. Not as juicy as some varieties, this is also a good one for drying. Ripens in late September and ranks with the best in terms of storage.

SEMI-FERTILE* | ZONE 3/4 | HARVEST: MID-LATE
135-0187 SEMI-DWARF (OHXF 87)
135-0139 STANDARD (PYRUS BETULAFOLIA)



\$39.95 EACH
\$39.95 EACH

• YOINASHI NEW

Yoinashi means "good pear" in Japanese. It is considered one of the more cold hardy Asians. Sweet, richly aromatic flesh with flavour that has been described as "having a little bit of zip". Excellent quality, large, orange-brown fruit is crisp and finer-textured than most asian pears. Upright growing tree is resistant to both Pseudomonas disease and fireblight.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: MID-LATE
135-4739 STANDARD (PYRUS BETULAFOLIA)



\$39.95 EACH

Combination Asian Pears

• 4 IN 1 ASIAN PEAR COMBO

Combines at least 4 of the following 5 varieties: Chojuro, Nijisseiki, Shinseiki, Shinko, and Kosui

SELF-FERTILE | ZONE 5 | HARVEST: SEPT. THROUGH OCT.
170-3331 DWARF (QUINCE)

\$59.95 EACH



MORE ASIAN PEAR VARIETIES

We have limited quantities of the following varieties on OHxF97 root stock:

NIITAKA (Zone 5, late Oct) old Japanese variety, stores well

TSU LI (Zone 5, mid Oct) Chinese pear pollinate with Ya Li

YA LI (Zone 5, late Oct) Chinese pear pollinate with Tsu Li

Growing Tip

Asian Pears are very precocious which means they tend to produce quite heavily when only a few years old. This can result in a weakened tree as all its energy is going into producing fruit instead of forming a sturdy tree. For this reason we recommend removing most of the fruit for the first several years.

Pear Ripening Order

EARLY MID-LATE AUG.	EARLY-MID EARLY-MID SEPT.	MID-SEASON MID-LATE SEPT.
Sunrise Hayatama So Sweet Tyson Moonglow	Clara Frijs Honeysweet Shinseiki Max Red Bartlett Northbrite Nova	Sierra Kenko Chojuro Patten Luscious
MID-LATE EARLY-MID OCT.	LATE MID-LATE OCT.	
Magness Taylor Apple Pear Sheldon Yoinashi Niitaka	Douglas Meigetsu Emery Shinko Concorde	

Ripening dates are approximate. They will depend on your location. The latest ones may not always ripen in the far north

Pear Rootstock

• STANDARD (PYRUS COMMUNIS)

(4.5 - 6 METERS / 15 - 20 FEET AT MATURITY)

Common pear rootstock produces full-sized standard trees with good productivity. More genetic variability in size and hardiness as it is a seedling rootstock, not clonal. Under optimal conditions trees can reach 20ft (6M) high. Tolerates both dry and wet soils. Hardy to below -30°C.

• PYRUS BETULIFOLIA

(4.5 - 6 METERS / 15 - 20 + FEET AT MATURITY)

Hardy Asian pear rootstock resistant to fire blight. Adapts well to difficult soil conditions, making a vigorous standard-size tree. We use it only on Asian pear varieties. Hardy to zone 4.

• STANDARD (OHxF 97)

(4.25 - 5.75 METERS / 14 - 19 FEET AT MATURITY)

The Old Home & Farmingdale series was developed in Oregon in the 1930's. The main goal was a fireblight resistant pear rootstock that would start producing at a younger age. OHxF97 will make a tree almost full size, but more productive than Pyrus communis, with the benefits of fireblight resistance. Hardy to Zone 4.

• SEMI DWARF (OHxF 87)

(3.5 - 5.25 METERS / 12 - 17 FEET AT MATURITY)

Produces a well anchored tree 65-85 % of standard size. Very precocious means tree starts producing fruit quickly. Fireblight resistant. Hardy to zone 4.

• SEMI DWARF (OHxF 333)

(3.5 - 5 METERS / 12 - 16 + FEET AT MATURITY)

Produces a tree 50 - 70% of standard size. A precocious, well anchored tree bears fruit between 3 and 4 years old. Tolerates a broad range of soils. Hardy to zone 4.

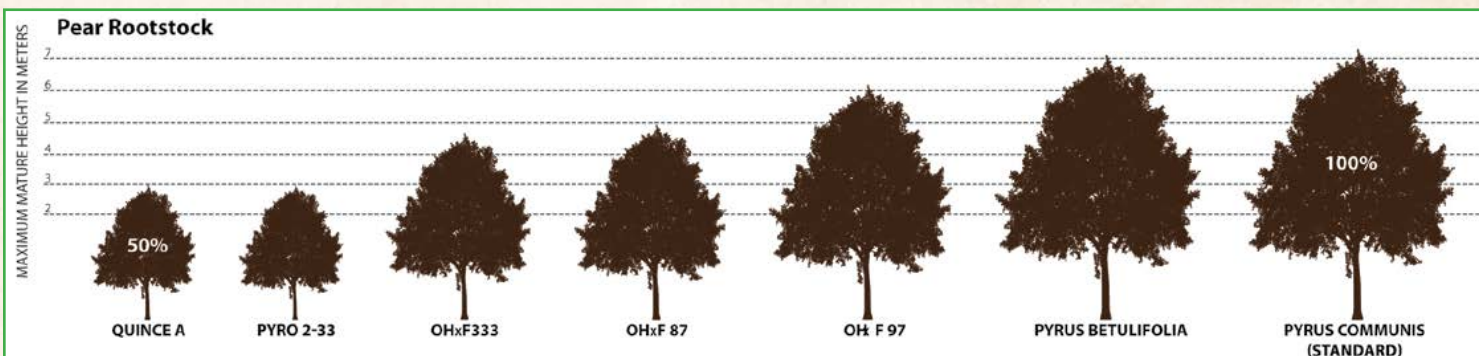
• QUINCE A (DWARF)

(3 - 3.5 METERS / 9 - 12 + FEET AT MATURITY)

Produces a tree 50% of standard size which bears heavy crops of large fruit. Tolerates damp, heavy soil. Quince rootstock lacks the hardiness required for northern regions in low-snow years. Hardy to zone 5.

Pollination Tip

All European (regular) and Asian pears will pollinate each other providing their bloom times overlap. Generally you can go by the expected harvest time, meaning only the very early and the very late might not be compatible with each other. However, since Asian pear, on average, bloom earlier than Europeans, you might pair an early European with a mid or late Asian.



Please note: sizes given at maturity are an approximation and may vary depending on soil type and growing conditions. Another factor is the variation of vigor in different varieties. For instance, Asian pears are naturally smaller, even on larger rootstock.

→ Quince (*Cydonia oblonga*)

These bright yellow fruits have a unique tangy and tropical taste. The fruit is most commonly cooked or made into jams and jellies. We offer hardy European dwarf trees that are highly ornamental with their masses of white flowers in spring. Some sources claim that these compact trees are more tolerant of wet soils than any other fruit trees.

1.25-2 m (4-6 ft) bareroot trees

• COOKES JUMBO

Cooke's Jumbo bears heavy crops of large yellowish-green fruit that has firm white sweet-tart flesh. Not usually eaten raw, Cooke's Jumbo is best for baking, preserves or candied. This is one of the hardiest varieties of quince and will keep for a couple of months in storage.

SEMI-FERTILE* | ZONE 5 | HARVEST: LATE
140-1631 DWARF (QUINCE A)

\$39.95 EACH



• GIANT OF ZAGREB

Originally from Yugoslavia, Giant of Zagreb has established a solid reputation as the hardiest quince here in Canada. The knobby, pear-shaped fruit is large (obviously) with firm white, highly aromatic flesh. Add some quince to apple pie or sauce for a zesty, pineapple zing. Ripens in late September and keeps until Christmas.

SEMI-FERTILE* | ZONE 5 | HARVEST: LATE
140-2631 DWARF (QUINCE A)

\$39.95 EACH



→ Shipova (*Sorbus aucuparia* x *Pyrus*)

A unique Mountain Ash / European pear cross.

1.25-2 m (4-6 ft) bareroot trees

• SHIPOVA

A rare hybrid dating back to the early 1600's, this Yugoslavian native is one of the few really exotic fruits that is also very hardy. Attractive pyramidal shape trees with dark silver-grey foliage mature at 14-18ft tall and produce highly fragrant, golden-yellow seedless fruit the size of a small pear. Lee Reich describes the flavour thus: "The buttery flesh - a bit more meaty than a pear - melts with each bite to fill the mouth with semi-solid, sweet and fragrant ambrosia." The Shipova is a troublefree tree, however it is in no hurry to start bearing - expect 7-10 years. Although basically self-fertile it will cross pollinate with pears or with other Mt Ash crosses.

SEMI-FERTILE* | ZONE 3/4 | HARVEST: MID
169-6531 DWARF (QUINCE A)

\$39.95 EACH



See page 32 for more Mount Ash crosses

→ Combination Trees

Tight on space? On a budget? Simply can't decide what varieties to try? Combination trees take several different varieties and graft them conveniently onto one single tree. The different varieties will pollinate with one another and bear fruit at different times allowing for an extended harvest period.

1.5-2m (5-6ft) bareroot trees

• FRUIT COCKTAIL

The tree you have always wondered whether could be possible is now here! An astounding assembly of fruit all growing on a single tree, it makes a fascinating, yet practical, value-added focal point in your landscape. Five different varieties of stone fruit are grafted onto a hardy, semi-dwarf St. Julien A rootstock. All trees will have at least 4 of the following 5 varieties:

FROST PEACH

Large high quality yellow fruit. Showy blossoms.

PUGET GOLD APRICOT

Sweet, firm, mid-sized fruit. Great flavour.

HARDY RED NECTARINE

Quite hardy and disease resistant. Good producer.

HARGLOW APRICOT

Bright orange fruit. Outstanding taste and texture.

SHIRO PLUM

Large round golden yellow Japanese plum.

SELF-FERTILE | ZONE 5 | HARVEST: AUG. TO SEPT.

170-6153 SEMI-DWARF (ST JULIEN A) \$59.95 EACH

• FRUIT COCKTAIL - 'SECOND EDITION' **NEW**

Another new spin on the multiple variety stone fruit tree - we now offer it with sweet cherries included in the mix! All trees will have at least 4 of the following 6 varieties:

FROST PEACH

Large high quality yellow fruit. Showy blossoms.

PUGET GOLD APRICOT

Sweet, firm, mid-sized fruit. Great flavour.

HARDY RED NECTARINE

Quite hardy and disease resistant. Good producer.

ITALIAN PLUM

Dark blue prune type. Great for drying.

LAPINS CHERRY

Large, deep red, Bing type cherry.

STELLA CHERRY

Reliable, cold hardy sweet cherry.

SELF-FERTILE | ZONE 5 | HARVEST: LATE JULY TO EARLY SEPT.

170-6553 SEMI-DWARF (ST JULIEN A) \$59.95 EACH

Unfortunately we are unable to tell you which 4 of the 5 possible varieties will be on the tree you buy. However, they are clearly labeled, so you will know what you've got after your tree arrives.

Collector's Corner

At times when we graft new varieties for testing in our own orchard or do custom grafting, we end up with a few trees left over. You might see a variety which you have been trying to find for years! Please call to check if we still have the one you would like to reserve. Most trees are 4-5ft tall 1 year old whips.

APPLE VARIETY \$33.95	ROOTSTOCK
Mollies Delicious	B9
Milton	B9
Melba	B9
Etter's Gold	G202
Redlove Era	Interstem
Davey	B9
Grenadine	G935
Northfield Beauty	G202
Sekai Ichi	M106
Sinta	M106
Orleans	M106
Quinte	M106
Pitmaston Pineapple	G935
Amere de Berthcourt	B118

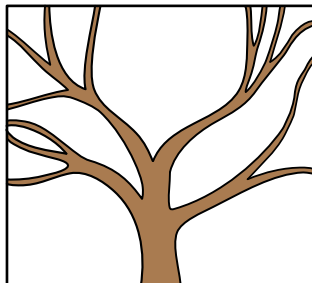
PEAR VARIETY \$35.95	ROOTSTOCK
Hudar	OHXF 87
Atlantic Queen	OHXF 87
Green Jade	OHXF 87

Growing Tip for Combination Trees

We suggest growing your combination tree as an 'open center' by trimming out secondary branches that grow into the middle. If one variety starts overgrowing the others, it can be slowed down by spreading the branch or tying it down.

Summer pruning can also be helpful for the more aggressive varieties, while less vigorous ones can be stimulated by dormant pruning in spring.

With a bit of trial and error pruning, you can keep all of the varieties well balanced.



PLEASE NOTE: Combination trees are interesting and fun, but do have some added potential of risk. The various grafts are higher up in the tree – exposed to winter cold. Sometimes you could lose a variety for this, or other reasons.

Custom Grafting

We will custom budgraft almost any variety and rootstock you prefer in the quantity you request, from a minimum of 2 trees right up to thousands. Contact us for competitive pricing.

VARIETIES: We have access to a vast assortment of old and hard to find varieties as well as numerous new and exciting selections. You can also send us budwood from trees you wish to duplicate.

ROOTSTOCK: Trees requested on rootstock which we normally do not stock must be ordered by November prior to budding (minimum qty - 100)

NEW! In apples we are now also doing interstem grafting. See page 9 for an explanation of interstem. A limited quantity of interstem rootstocks will be available for custom orders this summer.

Please note the expected waiting time for custom trees: Budgrafting is done from mid-August through the first week of Sept. These trees will be available to plant in late fall of the following year or in the next spring. **EXAMPLE:** You order up to June 30, 2017, we budgraft in August 2017, you plant in Nov 2018 or May 2019.

AVAILABLE TO BUY!

APPLE, PEAR & PLUM ROOTSTOCK

For those of you who would like to dabble in doing your own grafting without going through the hassle of import permits, phytosanitary inspections, royalty fees and currency exchange to get virus-free rootstock. See page 52 for grafting tape.

>APPLE ROOTSTOCK see descriptions on page 9

• M26

198-2601	6mm (1/4") stick	\$5.95 ea
198-2625	Bundle of 25	\$109.95
198-2612	100 sticks	\$349.95

• BUD 118

198-1801	6mm (1/4") stick	\$5.95 ea
198-1825	Bundle of 25	\$109.95
198-1812	100 sticks	\$349.95

• ANTONOVKA

198-9801	6mm (1/4") stick	\$4.95 ea
198-9825	Bundle of 25	\$92.95
198-9812	100 sticks	\$299.95

>PEAR ROOTSTOCK see description on page 13

• OHxF97

198-9701	6mm (1/4") stick	\$5.95 ea
198-9725	Bundle of 25	\$109.95
198-9712	100 sticks	\$349.95

• OHxF 333

198-3301	6mm (1/4") stick	\$5.95 ea
198-3325	Bundle of 25	\$109.95
198-3312	100 sticks	\$349.95

>STONE FRUIT ROOTSTOCK see description on page 21

• MUSTANG

198-5501	15-30cm (6-12") plug	\$8.95 ea
198-5525	25 plugs	\$164.95
198-5512	100 plugs	\$529.95

Apples and pears can either be benchgrafted in March-April or budgrafted in the field in late summer.

Stone fruit have much better success with summer budgrafting than benchgrafting in spring.

Let us know if you want apple or pear rootstock shipped in March.

> Plums (*Prunus* spp.)

Plums come in a wide range of shapes, sizes, colours and flavors. They are possibly the easiest stone fruits to grow. Most varieties are relatively compact with a shrub-like growth pattern.

1.25-2 m (4-6 ft) bareroot trees

Japanese Plums

Japanese plums are the earliest bloomers. The fruit is large and very juicy with softer skin than European and hybrid plums. Great for fresh eating as well as preserving. Easy to grow, they often begin bearing by the second year.

• BEAUTY

Considered by some to have the richest flavour of all Japanese plums. More reliable and productive than Santa Rosa, this strong, vigorous tree is also self-fertile. Medium to large fruit has reddish-purple skin and amber flesh tinged with red. Ripens late July. Like most early varieties it has limited storage life.

SELF-FERTILE* | ZONE 4 | HARVEST: EARLY

142-1124

SEMI-DWARF (MARIANA 26-24)

\$39.95 EACH



• EARLY GOLDEN NEW

This high quality, early season plum is preferred for the savory sweetness of its golden amber, apricot-flavoured flesh. Vigorous tree produces copious crops of mid-sized, round, yellow, red-blushed fruit. Early Golden is considered as one of the more cold hardy Japanese varieties. It needs another early blooming Japanese such as Beauty or Spring Satin Plumcot as a pollinizer. Ripens in late July.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: EARLY

143-1154

SEMI-DWARF (MYROBALAN)

\$39.95 EACH

• ELEPHANT HEART

An old favorite developed by Luther Burbank in 1929. It is one of the largest Japanese plums. Heart shaped fruit turns a deep reddish purple when fully ripe. Juicy, blood-red flesh has a rich, distinctive flavour. Ideal for fresh eating, canning or freezing. Vigorous tree is quite hardy, but will benefit from being in a sheltered spot. Freestone. Ripens early September.

SEMI-FERTILE* | ZONE 5 | HARVEST: MID-LATE

143-1324

SEMI-DWARF (MARIANA 26-24)

\$39.95 EACH



• WEeping SANTA ROSA NEW

Naturally compact tree grows only 2.5-3 metres tall (8-10ft) developing long, slender limbs with a graceful weeping habit. Use this unique tree as a focal point in your edible landscaping or train as an espalier. Enjoy showy white blossoms in early spring. Although it is not as productive as the regular Santa Rosa, you can expect the same large, high quality, dark purple fruit. Excellent fresh or canned. Ripens early August.

SEMI-FERTILE* | ZONE 5 | HARVEST: EARLY

147-2224

SEMI-DWARF (MARIANA 26-24)

\$39.95 EACH



American Hybrid Plums

Ideal for harsher climates, these hardy hybrids are blends of various Japanese plums and wild plums. Disease resistance is high - black knot is never an issue. Generally thicker skinned with sweet flesh, they are good for fresh eating, processing and preserving. For pollination, plant several varieties from this section in close proximity with a Toko plum tree being your best bet.

Chums also seem to cross pollinate with American hybrid plums.

• BLACKICE™

A sensational new variety from the University of Wisconsin, BlackIce™ is a large, freestone, California-type plum that can take the worst of winters here in Canada! This juicy red-fleshed fruit with dark purple-black, tender skin has excellent flavour and quality, making it the new fresh market favorite! The naturally compact tree has good disease resistance and will begin producing at a young age. The preferred pollinizer for BlackIce™ is the Toka plum but Compass or Sapalta chums will also work.

NEEDS A POLLENIZER | ZONE 3 | HARVEST: EARLY-MID

142-1255

SEMI-DWARF (MUSTANG)

\$39.95 EACH



• COCHECO NEW

This highly uncommon variety will adorn your landscape throughout the seasons with blush-pink blossoms in the spring, glossy deep red foliage all summer long and reddish twigs to contrast with winter snow. Medium sized, red-orange fruit with sweet, jelly-like rosy flesh ripens mid-summer. When renowned plant breeder, Elwin Meader, introduced Cocheco in 1968, he put it this way: "It's an example of having your cake and eating it too. The new tree is beautiful enough to be an ornamental. It also has delicious fruit and windbreak value."

SEMI-FERTILE* | ZONE 4 | HARVEST: MID

142-2655

SEMI-DWARF (MUSTANG)

\$39.95 EACH

• LA CRESCENT

NOT AVAILABLE FOR SPRING 2017

La Crescent is a hardy fast growing tree that produces a freestone plum that is yellow skinned with a slight red blush. Its yellow flesh is aromatic and sweet making it an ideal plum for fresh eating, preserves, drying or canning.

NEEDS A POLLENIZER | ZONE 3/4 | HARVEST: MID

144-3557

SEMI-DWARF (PRUNUS AMERICANA)

\$39.95 EACH



• PEMBINA

Introduced by N. E. Hanson in South Dakota in 1923, this is still one of the best hardy Prairie varieties. Large, dark red fruit with thick skin, it has delicious, juicy, yellow-orange freestone flesh. Excellent eating quality and also great for canning.

NEEDS A POLLENIZER | ZONE 3 | HARVEST: MID

145-3855

SEMI-DWARF (MUSTANG)

\$39.95 EACH

There is not a more noble, interesting, and beautiful exhibition than a fruit orchard, systematically arranged, while clothed in nature's foliage, and decorated with variegated blossoms perfuming the air, or when bending under a load of ripe fruit of many varieties.

- James Thacher, The American Orchardist, 1825

American Hybrid Plums Continued

• SUPERIOR

Selected for exceptional size, vigor and hardiness. Very large golden fruit with deep reddish blush. Peels like a peach to reveal firm, fine-textured clingstone flesh. The 'superior' choice for either fresh eating or canning and preserves. This hardy tree is known for aggressive growth, early bearing and brown rot resistance.



NEEDS A POLLENIZER | ZONE 3/4 | HARVEST: MID-LATE

146-1757 SEMI-DWARF (PRUNUS AMERICANA) \$39.95 EACH

• TOKA

Sweet, rich, distinctive flavour is Toka's hallmark. In fact, the spicy, aromatic yellow flesh of this bright red, barely medium-sized plum has earned it the nickname of 'Bubblegum Plum'. Extremely vigorous, hardy tree blooms profusely every spring. It is considered one of the best pollinizers for other hybrid varieties.



SEMI-FERTILE* | ZONE 3 | HARVEST: MID

146-2855 SEMI-DWARF (MUSTANG) \$39.95 EACH

• WANETA NEW

Waneta was named after a Yanktonai Indian chief who became famous in the War of 1812. Introduced by NE Hanson of South Dakota in 1913, the extremely cold hardy tree is reliable, productive and precocious (starts bearing at a young age). Very large 5cm (2") maroon-red, pointy shaped plums have tender, sweet, moderately juicy orange flesh and a small pit. High quality fruit is fine for fresh use or processing. Ripens in early September.



NEEDS A POLLENIZER | ZONE 2/3 | HARVEST: MID-LATE

147-2155 SEMI-DWARF (MUSTANG) \$39.95 EACH

European Plums

European plums bloom later than Japanese varieties and have firmer flesh. Good for drying, canning and preserving as well as fresh eating. They are very productive but may take a year longer to begin bearing. We've selected the most black knot resistant varieties.

• BLUEBYRD

Medium to large, deep blue fruit with amber flesh. Bluebyrd's high sugar content enhances its excellent flavour. This vigorous, productive, newer variety shows exceptional black knot resistance making it ideal for both the commercial orchard and the backyard.



NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: MID

142-1354 SEMI-DWARF (MYROBALAN) \$39.95 EACH

• DAMSON

This prolific plum tree produces bluish purple skinned plums with juicy golden yellow flesh that have a distinctive tart flavour. The Damson plum is ideal for processing (jams, wine, brandy, etc.).



SELF-FERTILE | ZONE 4/5 | HARVEST: MID

143-0154 SEMI-DWARF (MYROBALAN) \$39.95 EACH

SEMI FERTILE* – means it will bear fruit if planted alone. It will usually bear more (and possibly larger) fruit if you plant a second (different) variety for cross-pollination.

• GREEN GAGE NEW

Also known as 'Reine Claude', these small to medium, round, yellowish-green plums have been a favourite in Europe for over 500 years! The rich, honey-sweet flavour of its juicy, smooth textured, amber freestone flesh is what makes it esteemed as the ideal dessert plum although it works equally well for canning, drying or baking. Thin skin may split if it rains near harvest. Naturally compact tree. Shows slightly lower resistance to black knot than some varieties.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: MID

143-3924 SEMI-DWARF (MARIANNA 26-24) \$39.95 EACH

• ITALIAN

An older variety that is still quite popular, Italian is a large dark purple, prune-type plum that works particularly well for drying. Rich flavoured, greenish-yellow flesh turns a beautiful red when canned. Folks who prefer a firm, meaty plum enjoy it fresh. Ripens mid September.



SEMI-FERTILE* | ZONE 4/5 | HARVEST: MID

144-1454 SEMI-DWARF (MYROBALAN) \$39.95 EACH

• NEW YORK 9®

As a European plum, the New York 9® stands at the head of its class with bright blue skin and firm yellow flesh. It is good for fresh eating but it really shines when used for drying or canning. Freestone with a non-splitting pit. One of the best European plums for black knot resistance, and is a dependable heavy producer in a spreading but compact tree. Ripens mid September.



SELF-FERTILE | ZONE 4 | HARVEST: MID

145-1354 SEMI-DWARF (MYROBALAN) \$39.95 EACH

145-1341 DWARF (KRYMSK 1) \$39.95 EACH

• OPAL NEW

The hardest European plum and also one of the best for short summer regions - it ripens dependably every year in Edmonton and even in Anchorage, Alaska. Midsize, round, reddish-purple plums with golden-orange flesh have a complex, sweet flavour. Desirable for both dessert or drying. Tree is vigorous, productive and precocious. Ripens early August.

SELF-FERTILE | ZONE 3 | HARVEST: EARLY-MID

145-2754 SEMI-DWARF (MYROBALAN) \$39.95 EACH

LIMITED QUANTITY - ONLY ONE PER CUSTOMER

Flowering Plums

• CRIMSON POINTE™

As an ornamental tree, Crimson Pointe™ is truly spectacular. It will also, on occasion, reward you with deep purple, great tasting fruit. It's dense, very narrow columnar shape makes it ideal for tight spaces. Can grow up to 6m (20ft) tall, but will only be 1.5-2m (5-7ft) wide. Rich merlot-burgundy foliage accents orange-bronze new growth as it emerges, creating a very unique and stunning effect. White blossoms adorn the tree in spring.



SELF-FERTILE | ZONE 4 | HARVEST: MID

141-3154 SEMI-DWARF (MYROBALAN) \$39.95 EACH

> Plum Crosses

Some interesting crosses between apricots and plums have been developed over the years and even between plums and other stone fruits such as cherries! Japanese plums can also provide cross-pollination.

1.25-2m (4-6ft) bareroot trees

• NADIA CHERRY PLUM **NEW** (Prunus Avium x Prunus Salicina)

An exciting new development from the folks down under, Nadia was created by crossing a dark, Australian sweet cherry called Supreme with a Black Amber plum. The result will tickle your taste buds with lively cherry accents! Rich, juicy, deep red fruit is sweet, firm and crack resistant, has high levels of antioxidants and reportedly stores well. The new favourite for snacking, it will also make delectable pies or preserves. Plant with a Plumcot or a Japanese plum for cross pollination.

NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID

152-6824 SEMI-DWARF (MARIANNA 26-24) \$49.95 EACH



• NORTHERN SUNSET PLUMCOT

The original plum/apricot hybrid introduced by Luther Burbank, sometimes referred to as the Burbank Plumcot. Both the tree form and fruit appearance show the plum influence. The tree itself is much more vigorous and is healthier looking than most apricots. In fact, with its glossy abundant foliage and tall shrubby form it makes an ideal landscaping specimen. Large, round fruit has melon-red blush over yellow skin. Golden yellow, superjuicy, plum-like flesh has a tangy touch of that aromatic apricot flavour. In our opinion, a tree-ripened Plumcot offers a delectable eating experience that is unparalleled in the entire fruit realm!

SEMI-FERTILE* | ZONE 4/5 | HARVEST: MID - SEASON

152-7024 SEMI-DWARF (MARIANNA 26-24) \$49.95 EACH



• SPRING SATIN PLUMCOT

A newer plum/apricot hybrid introduced by Dr Dick Okie, USDA-ARS, Bryan, GA. Medium-large, deep purple, high quality, freestone fruit. Sweet, tender, translucent orange flesh is juicy, aromatic and suggestive of apricots. Spring Satin trees are very vigorous and resistant to most plum diseases including bacterial spot and bacterial canker. They are also proving to be more winter-hardy than we expected, with only minimal outer branch freezeback occurring this past winter. Real commercial potential here! Ripens in late July.

SEMI-FERTILE* | ZONE 4/5 | HARVEST: EARLY

152-8524 SEMI-DWARF (MARIANNA 26-24) \$49.95 EACH



SEMI FERTILE* – means it will bear fruit if planted alone. It will usually bear more (and possibly larger) fruit if you plant a second (different) variety for cross-pollination.

> Chums

A mix of cherry and plum (prunus besseyi x prunus salicina), chums combine the best characteristics of both. The fruit is shaped like a cherry



but a bit larger, varying in colour from red to dark purple with flesh that is yellow, dark red, or green depending on the variety. Chums are a very cold hardy, disease resistant, late blooming, shrub that can take poor sandy soil, withstand drought and usually bears fruit one year after planting. With clusters of fruit that cover the weeping branches this prolific plant has good commercial potential. Try chums fresh or in preserves or pies.

• MUSTANG®

This is, in fact, the very same plant which we use as a super hardy rootstock for grafting plums, etc. Interestingly enough, this complex prunus hybrid is closely related to most of the Chum family. Deep purple 2.5-3cm fruit has juicy, dark red-purple flesh makes great pies and preserves as well as fresh eating.

NEEDS A POLLENIZER | ZONE 2/3 | HARVEST: MID

198-5501 15-30cm (6-12") plug \$8.95 EACH

198-5593 60-90cm (2-3') plant \$19.95 EACH

See page 15 for pricing on large quantities of these tissue culture plants to use as rootstock.

Chums On Prunus Americana Root

These varieties are grafted on a very hardy rootstock giving them more of a small tree form. Prunus Americana or wild plum rootstock will also bear small plums and is an excellent pollenizer for all chums or hybrid plums. If you choose to let a shoot or two grow up from below the graft, you will actually have this second type or variety of fruit growing on the shrub.

1.25-2m (4-6ft) bareroot trees

• COMPASS

Dark purple-red fruit with juicy, yellow flesh. Excellent for pies, preserves, jellies or canning. Attractive, flowering, shrubby tree grows 1.5 - 2.5 meters (5 - 8 feet) tall. Reliable and productive, it is the latest ripening chum (late August to early September). It is considered to be the best pollenizer for any of the other varieties.

NEEDS A POLLENIZER | ZONE 3 | HARVEST: LATE

151-1057 SEMI-DWARF (PRUNUS AMERICANA) \$39.95 EACH



• SAPALTA

Reddish purple fruit with very dark red, sweet/tart flesh. Sapalta is one of the best for fresh eating. It makes great jam and is good for canning. Tree form and size is similar to Compass but the fruit is sweeter, more freestone and ripens slightly earlier.

NEEDS A POLLENIZER | ZONE 2/3 | HARVEST: MID

151-7657 SEMI-DWARF (PRUNUS AMERICANA) \$39.95 EACH

>Apricots

(*Prunus armeniaca*)

Homegrown, tree-ripened apricots are healthy, delicious eating- fresh, canned or dried. Apricot trees are notorious for waking up too early in the spring, and then getting their blossoms zapped by a late frost. You can help by planting on a sheltered north-facing slope. Another trick some old-timers used was spreading a layer of compost or horse-manure under the tree in early winter AFTER the ground was frozen. This slows down soil (and root) warmup in spring, consequently also delaying budbreak. We try to help by offering some of the later-blooming varieties.

1.25-2m (4-6ft) bareroot trees



• GOLDEN AMBER

This tree produces large light orange apricots with fine, firm flesh and a melting texture. Golden Amber apricot trees have a prolonged blooming and ripening period which makes this variety ideal for areas that experience late frosts. Progressive ripening is also ideal for home gardeners who do not want to be overwhelmed by too much fruit that ripens all at once.

SELF-FERTILE | **ZONE 5** | **HARVEST: EARLY-MID**

157-4341

DWARF (KRYMSK 1)

\$39.95 EACH



• HARGRAND

Introduced by the Harrow Research Station here in ON in 1980. Productive mid-size tree produces very large fruit up to 6cm (2.5") in diameter. Dull yellow-orange skin with speckled blush. Firm, fine-textured orange flesh is noted for outstanding flavour. Broad spectrum disease resistance. Late blooming, cold hardy tree. Ripens early August.

SEMI-FERTILE* | **ZONE 4** | **HARVEST: MID-SEASON**

157-5641

DWARF (KRYMSK 1)

\$39.95 EACH

157-5686

SEMI-DWARF (KRYMSK 86)

\$39.95 EACH



• HARLAYNE NEW

Exceptional flavour distinguishes this mid size, bright orange apricot with a red blush. Firm, orange, freestone flesh is ideal for both fresh eating or preserving. It is considered the most cold hardy of the Harrow varieties. It is also the very latest to bloom and to ripen, extending your fresh apricot season to late August.

SEMI-FERTILE* | **ZONE 4** | **HARVEST: LATE**

157-5741

DWARF (KRYMSK 1)

\$39.95 EACH

157-5786

SEMI-DWARF (KRYMSK 86)

\$39.95 EACH

• CHINESE

Also known as the Mormon apricot. Mid-sized golden-orange fruit with good flavour, texture and quality. It is called a 'sweet pit' apricot as its pit can be eaten and tastes like almond. Cold-hardy and productive, Chinese is recommended for areas that experience late spring frosts. Ripens late July

SEMI-FERTILE* | **ZONE 4/5** | **HARVEST: MID**

157-2254

SEMI-DWARF (MYROBALAN)

\$39.95 EACH

• MONTROSE NEW

An extra-hardy, frost resistant variety discovered at Montrose Colorado, it should be a good one to try in more northern regions. Golden yellow fruit is quite large with sweet, very juicy, yellow flesh. First rate flavour, texture and quality. Like the Chinese apricot it is a 'sweet pit' variety. Late-blooming, hardy tree shows good disease resistance. Ripens mid to late August.

SEMI-FERTILE* | **ZONE 4** | **HARVEST: LATE**

158-0154

SEMI-DWARF (MYROBALAN)

\$39.95 EACH

• SUGAR PEARLS NEW

A very promising, white-fleshed variety from New Jersey released in 2005. Medium-large, pale yellow fruit with an orange blush. Juicy, smooth, fine-textured flesh has exceptionally rich, honey sweet flavour. Excellent both fresh and dried. Spreading, stocky tree handles mid winter temperature swings quite well and shows good disease resistance across the board. Requires cross-pollination from another late blooming variety such as Hargrand or Harlayne.

NEEDS A POLLENIZER | **ZONE 4/5** | **HARVEST: MID-LATE**

158-4955

SEMI-DWARF (MUSTANG)

\$39.95 EACH

LIMITED QUANTITY- ONLY ONE PER CUSTOMER

• SCOUT

Golden fruit with tender, juicy, freestone flesh. Scout is an early reliable bearer. Disease resistant and very hardy.

SEMI-FERTILE* | **ZONE 3** | **HARVEST: EARLY**

158-4755

SEMI-DWARF (MUSTANG)

\$39.95 EACH

>Peaches

(*Prunus persica*)

Everyone would love picking peaches off their very own tree, but for many of us here in Canada it remains an elusive dream. The bitter, relentless cold of some recent winters took a terrible toll, but true to their fickle nature, some trees survived in unlikely locations, while others in supposedly ideal settings gave up the ghost. Protection from frigid winds is almost certainly a benefit. The take-home message? Be aware of the risks, but stay cautiously optimistic and keep planting a tree or two.

1.25-2m (4-6ft) bareroot trees



• FLAMIN' FURY PF 24C NEW

This newer variety from Michigan has earned a reputation for setting heavy crops when other varieties around it were being wiped out by a late spring frost, making it an obvious candidate to try in our less than ideal Canadian settings. Large, firm, highly coloured freestone fruit has sweet, juicy, yellow flesh. Ripens mid September.

SELF-FERTILE | **ZONE 4/5** | **HARVEST: LATE**

153-2251

SEMI-DWARF (BAILEY)

\$39.95 EACH

• FROST® NEW

Frost has proven to be the variety most resistant to peach leaf curl. Showy pink blossoms in spring translate to medium-large, flavourful, yellow-fleshed fruit. Excellent sweet flavour for both fresh eating and canning. Ripens late August.

SELF-FERTILE | **ZONE 4/5** | **HARVEST: LATE**

153-2424

SEMI-DWARF (MARIANNA 26-24)

\$39.95 EACH

• RELIANCE

Widely recognized as the ideal choice for northern climates where peaches are not typically grown, Reliance is a medium-sized freestone peach with a dull red blush over a greenish-yellow background. Juicy, bright yellow flesh is good for canning, freezing and of course also fresh eating. Hardy, productive tree seems somewhat resistant to peach leaf curl. Ripens mid-August

SELF-FERTILE | **ZONE 4/5** | **HARVEST: MID-SEASON**

153-5924

SEMI-DWARF (MARIANNA 26-24)

\$39.95 EACH



Peaches Continued

• VETERAN

Originating here in Canada in 1928, Veteran is probably the most reliable peach we have for colder climates. Sets crops when other peach blossoms are killed by frosts. Dull, yellow coloured fruit that is round, medium in size and richly flavoured. Above average for canning and freezing. Easy to peel. Freestone.

SELF-FERTILE | ZONE 4/5 | HARVEST: LATE

153-7424

SEMI-DWARF (MARIANNA 26-24)

\$39.95 EACH

• INDIAN BLOOD

Old fashioned Indian peach. Large clingstone fruit with dark crimson skin and flesh. Distinctive rich, sweet/tart flavour when fully ripe. Resistant to brown rot and bacterial leaf spot. One of the varieties most resistant to peach leaf curl. Dependable, heavy producer.

NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID

153-3852

SEMI-DWARF (LOVELL)

\$39.95 EACH



Columnar Peaches



• CRIMSON ROCKET

Unique, narrow, upright tree is ideal for smaller backyards, however even some commercial growers plant it for its space saving attributes (1.5 - 1.8 meters / 5 - 6 feet wide) and high quality fruit. Medium to large sized peaches have excellent colour with form, sweet, yellow flesh. Freestone.

SELF-FERTILE | ZONE 5 | HARVEST: MID-SEASON

154-0652 SEMI-DWARF (LOVELL) \$39.95 EACH

Peento Peaches

Everyone loves these unique, flavourful peaches. Wonderful to eat fresh, right off the tree! They have been grown in China for centuries. Now Canadians are enjoying their exceptionally sweet and juicy white flesh that comes in an unusual donut shape.

• GALAXY 'THE BAGEL PEACH'

A sweet-tasting white-fleshed peach with an amusing flat shape- nicknamed the 'Bagel Peach' because of its shape and large size. Delightful, delicate aroma. Its light cream-colored skin is accented with a red blush. Ripens early-mid August.

SELF-FERTILE | ZONE 5/6 | HARVEST: MID

154-2624

SEMI-DWARF (MARIANNA 26-24)

\$39.95 EACH



Pruning Tip

Prune your peach trees in May, once they have leafed out. just don't prune off all the new wood that grew last summer. Peach trees fruit on that last season growth. Trim any dead or winter-killed branches and leave most of the new wood. Occasionally you can make a few bold cuts back to a vigorous branch closer to the trunk if your tree becomes too leggy. As the tree matures, you may want to thin out the branches quite aggressively.

• SATURN 'THE DONUT PEACH'

Extremely productive and almost as coldhardy as Reliance, Saturn also holds its own as an ornamental tree with masses of fragrant, pink flowers in the spring. Small to medium-sized, reddish-orange, donut-shaped fruit is white-fleshed, very tender and wondrously juicy with a high sugar content. Makes a perfect snack.

SELF-FERTILE | ZONE 4/5 | HARVEST: MID

154-3652

SEMI-DWARF (LOVELL)

\$39.95 EACH



>Nectarines (*Prunus persica var nucipersica*)

Nectarines and Peaches are practically the same fruit, differing only at one gene- the one that gives the peach its fuzzy skin is missing in the nectarine.

1.25-2m (4-6ft) bareroot tree

• FLAMIN' FURY PF-11™

Hardy and highly productive, PF-11™ appears to be the best bet for organic growers with superior resistance to bacterial canker and brown rot. Large, richly coloured, freestone fruit has excellent flavour. Ripens mid-August.

SELF-FERTILE | ZONE 5 | HARVEST: MID-SEASON

155-2151

SEMI-DWARF (BAILEY)

\$39.95 EACH



• HARDIRED

Medium to large fruit with yellow freestone flesh and good texture and flavour. One of the most winter hardy varieties, it is vigorous and very productive. Some resistance to bacterial spot and brown rot but susceptible to leaf curl. Hardired boasts large, showy pink flowers in spring.

SELF-FERTILE | ZONE 5 | HARVEST: LATE

155-3251

SEMI-DWARF (BAILEY)

\$39.95 EACH

Growing Tip

Stop! Do not plant your peach or nectarine tree in that sheltered nook of the south side of your house. Although well meant, this very common mistake is almost certain to doom your new tree. Of course extreme cold is hard on peach trees, but the warm noonday sun on a late winter day is actually worse. A dark tree trunk will warm up considerably but then the temperature drops and the bark refreezes. To avoid this fluctuation, look for a planting site in the winter shade (north side) of a building or group of evergreens. In other word, close enough to the building to be shaded from the low winter sun but far enough back to get full exposure in the summertime when the sun is high. The goal is uniform cold so as not to interrupt dormancy.

Some growers white wash the trunks and lower branches of older peach trees in late fall with a cheap interior latex paint to protect from sun damage in winter. Young trees should have trunks wrapped with a light coloured blanket or covering.

>Genetic Dwarf Peaches & Nectarines

Our genetic dwarf trees are NOT to be confused with GMO or genetically modified plants. They simply originate from a tree that was naturally small. Equally at home in a container or in a corner of your flower bed, they can provide you with a surprising amount of fresh fruit. Of course, these cute huggable little trees do request slightly more attention than a full-sized one. They are more dependant on you for watering than large trees are. A bit more winter protection is also appreciated. Some folks throw an old blanket over them or wrap in burlap just like you'd do an evergreen shrub. Their compact 1 - 1.5 meter (3 - 5 foot) height makes this nice and easy. In containers, they can also be moved indoors, providing it is cool enough for them to go dormant.

60-90cm (2-3ft) bareroot tree

• EMPRESS PEACH

It is hard to decide which aspect of this variety deserves the highest praise - the stunning beauty of the Empress in full bloom, or the regal grandeur of late summer foliage bedecked with large, glowing, rosy red-pink ripe fruit! We haven't even mentioned the flavour yet, which is outstanding in its own right! The juicy, yellow flesh is very sweet and obviously delicious. Ripens in early August - the earliest of our genetic dwarfs.



SELF-FERTILE | ZONE 5 | HARVEST: MID-SEASON

154-6052 SHRUB (LOVELL) \$59.95 EACH
154-6152 TINY TREE (LOVELL) \$59.95 EACH



• GOLDEN GLORY PEACH

Very aptly named for its large yellow fleshed fruit. The golden skin has an attractive red blush, so again it is gorgeous whether in bloom, or covered with ripe fruit. Flavour is right up there with the best. Of our genetic dwarfs, it is the latest to ripen (late September) allowing you to spread out your harvest. Available only as **Tiny Tree** (grafted at top of 18" trunk)

SELF-FERTILE | ZONE 5/6 | HARVEST: LATE
\$59.95 EACH

• GOLDEN PROLIFIC NECTARINE

The hardiest genetic dwarf nectarine, it has medium to large, juicy yellow fleshed fruit. Revel in the spectacular pink blossoms in spring while looking forward to the rich, sweet taste of tree-ripened nectarines in late summer. Ripens early- to mid-September. Available only as-

Shrub (grafted at ground level)
SELF-FERTILE | ZONE 6 | HARVEST: LATE
156-1052 SHRUB (LOVELL)



\$59.95 EACH

Stone Fruit Rootstock

Krymsk Series

These exciting new stone fruit rootstocks from Russia are distinguished by their exceptional ability to adapt to a broad range of sites. On heavier soils with less than ideal drainage, the Krymsk advantage becomes really evident. Spreading roots provide superior anchorage and drought tolerance. Excellent cold hardiness, longer lived trees that begin bearing earlier, as well as increased fruit size and yield, all make it easy to see why growers everywhere are choosing Krymsk for almonds, apricots, peaches, European and Japanese plums and nectarines.

**KRYMSK 1 (50% TO 70% OF STANDARD SIZE)
DWARF (2.5-3.5 METERS / 8-12 FEET AT MATURITY)**

**KRYMSK 86 (100% OF STANDARD SIZE)
STANDARD (4.5-5.5 METERS / 14 -18 FEET AT MATURITY)**

Although there are slight differences in vigor, the following are all considered as standard size.

BAILEY

Considered to be one of the best rootstocks for growing hardy peaches. Bailey can withstand severe winters.

LOVELL

Dependable standard stone fruit rootstock. Provides good anchorage. Tolerates cold and wet soil. Hardy to zone 4.

MARIANA 26-24

Standard choice for apricots and plums. Mariana 26-24 has a shallow root system and has good tolerance for wet soils. Prone to Suckering.

MUSTANG® SEMI-DWARF (PRUNUS X 'JEFCUM')

We are pleased to offer trees on the super-hardy stone fruit rootstock developed in Manitoba. Mustang's most significant advantage is its ability to thrive in cold climates down to zone 2. It also provides strong anchorage with its large fibrous root system. Can be maintained at any height with summer pruning.

MYROBALAN (PRUNUS Cerasifera)

A vigorous and disease resistant rootstock that adapts to a wide range of soil conditions. Myrobalan has a somewhat shallow root system but still produces well anchored trees. Prone to suckering.

ST. JULIEN A

Slightly dwarfing rootstock used successfully on all stonefruit. At present, only used for our Fruit Cocktail and Combination plum trees.

Please note: sizes given at maturity are an approximation and may vary depending on soil type and growing conditions.

Growing Tip



One of the key factors that determines cold-hardiness for tender fruit trees such as apricots and peaches is how well they harden off in the fall. Any activity that stimulates growth should be avoided after August 1. This includes fertilizing, overly frequent watering and pruning.

>Cherries

(*Prunus spp*)

Cherries have been a popular tree fruit since the days of the Roman Empire. They were brought to North America by both British settlers and Spanish missionaries. These bright, shiny jewels are one of the first fresh fruits of summer whose ripening is eagerly anticipated by both humans and birds!

Sweet Cherries (*Prunus avium*)

True to their name, these are the favourites for fresh eating. Unfortunately, they are also the most challenging to grow. Although they are more winter hardy than peaches, arctic winds can beat them up badly. They prefer a reasonably sheltered, well-drained site. Since humid, rainy weather at harvest time can cause cracking in sweet cherries, we have selected varieties that are both crack resistant and cold hardy.

1.25-2m (4-6ft) bareroot tree

• BENTON® NEW

A premier quality, dark red cherry from Washington State, Benton is similar to Bing, but hardier. The late blooming, midseason variety is quite crack resistant and is preferred for its flavour.



SELF-FERTILE | ZONE 4/5 | HARVEST: MID-SEASON
159-0646 SEMI-DWARF (KRYMSK 6)

\$44.95 EACH

• BLACK PEARL® NEW

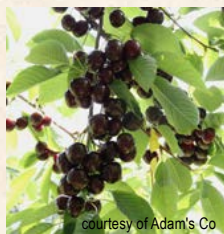
This new, very early selection from Cornell University features impressive flavour, firmness and crack resistance and is tops for storability. High sugars and a crunchy texture help make Black Pearl® the early season, dark cherry of choice for both backyard and commercial settings. The vigorous tree is hardy and canker resistant.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: EARLY
159-1245 SEMI-DWARF (KRYMSK 5)

\$44.95 EACH

• BLACK GOLD™

A popular Cornell University introduction known for its consistent heavy yield of large, dark, well-flavoured fruit. Black Gold has good crack resistance and blooms very late making it extremely frost resistant. This exceptional sweet cherry is self-fertile and also a good pollenizer, but not for early blooming.



SELF-FERTILE | ZONE 4 | HARVEST: LATE MID-SEASON
159-1075 DWARF (GISELA 5)

\$44.95 EACH

Growing Tip

Cherry trees are one of the hardest for us to keep dormant in cold storage. They also suffer the most from transplant shock if they have started to leaf out.

If you are planning to plant cherries this spring, we recommend arranging to receive your order so you can have your trees in the ground by early May, if at all possible.

• BLACK TARTARIAN

Medium-large, purplish black, heart-shaped fruit has old-fashioned cherry flavour that is exceptionally rich, sweet and full bodied. Although not as large and firm as many newer varieties, it is still unequaled in the taste department, making it a top pick for the home orchard. Vigorous, productive tree has waxy green foliage and may reach 6 - 9 meters (20 - 30 feet) in height. It is one of the most cold hardy sweet cherries.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: MID-SEASON
159-1171 STANDARD (MAZZARD)

\$39.95 EACH



• BURGUNDY PEARL® NEW

Another new Cornell University introduction, Burgundy Pearl® is unsurpassed in both fruit size and sugar levels. A first class, fresh market cherry with great flavour and a firm, crunchy texture. Crack-resistant dark red fruit hangs well on the tree creating a long picking window. Strong, productive tree is hardy and resistant to canker. Ripens a week later than Black Pearl®.

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: EARLY-MID
159-1745 SEMI-DWARF (KRYMSK 5)

\$44.95 EACH

• KRISTIN

Medium to large size, purplish-black fruit resists cracking. Firm but juicy flesh has richly aromatic, sweet flavour. Highly productive canker resistant tree is considered to be the most winter hardy in the sweet cherry class. Kristin and Black Gold™ are at opposite ends of the blooming season, so choose any of our other varieties as a pollenizer.

NEEDS A POLLENIZER | ZONE 4 | HARVEST: EARLY TO MID-SEASON
159-3575 DWARF (GISELA 5)

\$44.95 EACH



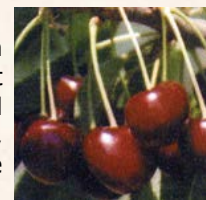
• LAPINS

This unique, dark mahogany-red cherry is a Van x Stella cross from B.C. Excellent quality fruit is large and highly split resistant with rich full flavour. It has largely replaced the Bing cherry, but ripens two weeks later. The self-fertile tree is a great pollenizer for other cherry varieties.

SELF-FERTILE | ZONE 4/5 | HARVEST: MID-SEASON
159-4575 DWARF (GISELA 5)
159-4571 STANDARD (MAZZARD)

\$44.95 EACH

\$39.95 EACH



• STELLA

The very first self-fertile sweet cherry. Developed in British Columbia in 1968, it is still considered as one of the most cold hardy. Ideal for the backyard grower. The large, juicy, heart-shaped fruit is dark red with great texture and flavour.

SELF-FERTILE | ZONE 4/5 | HARVEST: EARLY
159-6075 DWARF (GISELA 5)
159-6071 STANDARD (MAZZARD)

\$44.95 EACH

\$39.95 EACH



If life is a bowl of cherries, what am I doing in the pits?

- Erma Bombeck

• WHITE GOLD® NEW

An outstanding, newer, self-fertile variety from Cornell University, White Gold is 'the Rainier of the North'. Very hardy Stella x Emperor Francis cross produces large, crack-resistant, yellow cherries with a shiny, crimson blush. Firm, clear, yellow flesh has excellent canning quality. Heavy yielding tree is a reliable pollinator for other varieties.

SELF-FERTILE | ZONE 4 | HARVEST: EARLY-MID

159-8845

SEMI-DWARF (KRYMSK 5)

\$44.95 EACH



Combination Dwarf Sweet Cherry

• 4 IN 1 SWEET CHERRY COMBO NEW

Combines at least 4 of the following 5 varieties:

Bing, Rainier, Sam, Glacier and Angela

SELF-FERTILE | ZONE 5 | HARVEST: THROUGH AUG.

170-1975

DWARF (GISELA 5)

\$59.95 EACH

Sour Cherries (*Prunus cerasus*)

Sour cherries (also known as tart cherries or pie cherries) are more cold hardy than sweet cherries. They bloom later and are simply better suited for colder climates than their sweeter cousins. They are also by nature a smaller, compact tree. Although generally quite care-free and disease resistant, sour cherry trees are not immune to black knot.

The health benefits of this fruit are well documented.

Trouble falling asleep at night? Sour cherries are a good natural source of melatonin. Drinking several glasses of sour cherry juice daily has been shown to reduce the severity of insomnia and improve overall sleep quality and efficiency. In addition to being a natural sleep aid alternative, research also indicates that sour cherries may help promote heart health and reduce inflammation related to arthritis.

1.25-2m (4-6ft) bareroot tree

• EVANS

Russian heritage tree discovered near Edmonton in 1923, so cold hardiness can be counted on. Amazingly productive English Morello type cherry with dark red rich fruit. Excellent for pies, jams and juices.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

161-1875

DWARF (GISELA 5)

\$44.95 EACH

• MONTMORENCY

This old favorite originated in France in the 17th century and is still the most popular pie and dessert cherry in North America. It is actually a cross between a sweet cherry and *Prunus tomentosa* (Nanking cherry). Medium to large, bright red fruits with firm yellow flesh have rich, tart, tangy flavour. Cold hardy and disease resistant tree has spreading form.

SELF-FERTILE | ZONE 3/4 | HARVEST: LATE MID-SEASON

161-4775

DWARF (GISELA 5)

\$44.95 EACH



Cherry Rootstock

MAZZARD (100% OF STANDARD SIZE)

DWARF (7-10 METERS / 22-33 FEET AT MATURITY)

Mazzard (*Prunus avium*) is a common seedling rootstock that has been used for grafting cherries for hundreds of years and it is still the most widely used worldwide. It produces a large, well-anchored tree with a fibrous root system which works well in a wide range of soils, providing it is reasonably well drained. Quite hardy and drought resistant, but can take 6 - 8 years to begin bearing fruit.

GISELA™ (45-60% OF STANDARD SIZE)

DWARF (2.5-4 METERS / 8-13 FEET AT MATURITY)

The most dwarfing cherry rootstock currently available. Developed at the University of Giessen in Germany, these rootstocks have proven their value with early and heavy fruit production, compact tree form and increased winter hardiness. Small trees are ideal for small spaces and easy to pick. The roots are also smaller so staking a tree and watering in dry spells is recommended.

The Gisela series include several similar rootstocks with only slight differences in size and vigor. They are known by their numbers, such as Gisela 3, Gisela 5 as well as 6 and 12. Our dwarf cherry trees are mostly on Gisela 5.

KRYMSK® 5 (70% TO 85% OF STANDARD SIZE)

SEMI-DWARF (4-6 METERS / 14-20 FEET AT MATURITY)

We have started using this semi-dwarf rootstock developed at the Krymsk Vavilo Institute in Russia which makes a tree with excellent cold hardiness and better bacterial canker resistance that can easily be maintained at 15ft. It's large root system adapts well to various soil types (better in clay than Mazzard) and makes a sturdy, free-standing tree with better drought tolerance than Gisela. Fruiting starts earlier than Mazzard, although not as young as Gisela.

>Nanking Cherries (*Prunus tomentosa*)

• PINK CANDLES CHERRY

(*Prunus tomentosa* 'Pink Candles')

A unique, new, ornamental version of the old reliable Nanking cherry, Pink Candles has branches that are more upright. In early spring the whole bush lights up in an extravagant display of stunning rose-pink blossoms befitting its name. Use your fill of the small, tart cherries for jam and preserves and leave the rest for the birds to enjoy. Mature height 2 - 3 m. (6-9 ft.)

SEMI-FERTILE* | ZONE 2/3 | HARVEST: EARLY (JULY)

209-5392

30-60cm (1-2')

\$15.95 EACH



The old adage eternal vigilance is the price of success holds good in fruit raising, and with vigilance, with care, and intelligent labour at all seasons nothing pays better dividends, nothing adds more to the comfort of the family than an orchard, but if one expects to raise fruit without labour, without eternal vigilance, he is in the end doomed to disappointment.

- Agriculture in Maine, 1874

>Shrub Cherries

(*Prunus cerasus* x *P. fruticosa*)

AMAZING CHERRIES FROM THE PRAIRIES



These ultra cold hard shrub cherry varieties - developed at the University of Saskatchewan, and released as the ROMANCE SERIES, have made commercial cherry production possible far north of normal fruit growing regions. Even in sweet cherry country, producers

are being won over by the fruit size, quality and yield potential of these newcomers. The dark flesh is high in antioxidants as well as sugar levels. Although obviously well-suited for processing, if allowed to fully ripen, the flavour is closer to a sweet cherry than a sour cherry, which makes pleasurable fresh eating. Mature shrubs are only 2-2.5m (6-8ft) tall and wide which simplifies picking or covering with bird netting.

THERE IS NO GRAFT TO PROTECT ON THESE PLANTS. THEY ARE STARTED FROM CUTTINGS.

• CRIMSON PASSION

Very dark flesh and also juice. High sugar content and intense flavour. Maturing at 5-6ft it is the most compact Romance Series bush. Very low tendency to sucker. Ripens in late July.

SEMI-FERTILE* | ZONE 2/3 | HARVEST: MID

209-1391	15-30cm (6-12") plug	\$10.95 EACH
209-1392	30-60cm (12-24") plant	\$19.95 EACH
209-1393	60-90cm (2-3') plant	\$23.95 EACH

• CUPID

Largest fruit of the Romance Series- firm, milder-flavoured, meaty cherries are almost the size of a quarter. Very productive, slightly later-blooming shrub has little suckering. Ripens in mid August.

SEMI-FERTILE* | ZONE 2 | HARVEST: LATE

209-1491	15-30cm (6-12") plug	\$10.95 EACH
209-1492	30-60cm (12-24") plant	\$19.95 EACH
209-1493	60-90cm (2-3') plant	\$23.95 EACH

• JULIET

Juliet places second for sugar content with a BRIX level of 20. High yields, good fruit size. The variety best suited for fruiting hedges as it suckers quite freely to fill in the row. Ripens in late July.

SEMI-FERTILE* | ZONE 2/3 | HARVEST: MID

209-3392	30-60cm (12-24") plant	\$19.95 EACH
209-3393	60-90cm (2-3') plant	\$23.95 EACH

• ROMEO

Sweet, pleasant-flavoured fruit is great for fresh use or processing. Romeo is also one of the best for juice making. Few suckers. Ripens in mid August.

SEMI-FERTILE* | ZONE 2/3 | HARVEST: MID

209-6091	15-30cm (6-12") plug	\$10.95 EACH
209-6092	30-60cm (12-24") plant	\$19.95 EACH
209-6093	60-90cm (2-3') plant	\$23.95 EACH



>Cornelian Cherries

(*Cornus mas*)

This is not a true cherry, belonging rather to the dogwood family. Small fire engine red fruits are considerably more tart than regular sour cherries, but can be used for sauces, preserves and syrups, or left for the birds to enjoy. The tree itself offers visual appeal throughout the seasons. Masses of golden yellow blossoms swath the branches for several weeks in early spring followed by satiny green leaves and the striking, glossy red fruit. This large shrub or low branched tree adapts easily to a wide range of conditions and can grow to 3 to 6 meters (10 or 20 feet) depending on soil type or whether in shade or a sunny site.

• ELEGANT™

A Ukrainian variety with striking, bright red elongated fruit that is considered one of the best for fresh eating. ripens over 2 to 3 weeks in August.

SEMI-FERTILE* | ZONE 4 | HARVEST: EARLY

163-1542	60-90cm (2-3') grafted	\$33.95 EACH
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• PIONEER

Another Ukrainian selection with large, dark red fruit with a distinct 'fat pear' shape. More tart than Elegant but better for processing with a very high pectin content. Ripens over 3 to 4 weeks, slightly later than Elegant.

SEMI-FERTILE* | ZONE 4 | HARVEST: EARLY

163-5042	60-90cm (2-3') grafted	\$33.95 EACH
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• SUN RISE™

Plum shaped berries with distinctive red stripes on a pinkish background.

SEMI-FERTILE* | ZONE 4 | HARVEST: LATE

163-7042	60-90cm (2-3') grafted	\$33.95 EACH
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• YELLOW™

An interesting colour variation is provided by the tasty sweet-tart bright yellow cherries which this selection bears in abundance.

SEMI-FERTILE* | ZONE 4 | HARVEST: LATE

163-9042	60-90cm (2-3') grafted	\$33.95 EACH
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NOTE: We are well stocked with husky, homegrown plants in both 30-60cm and 60-90cm shrub cherries. Inquire about a quantity discount if you are considering a larger purchase.

SEMI FERTILE* – means it will bear fruit if planted alone. It will usually bear more (and possibly larger) fruit if you plant a second (different) variety for cross-pollination.

>Mulberries (*Morus spp*)

A vigorous, hardy, disease and pest resistant tree, the mulberry was often planted to attract birds keeping them away from other tree crops such as sweet cherries. It really is no wonder the birds love the juicy berries - the pleasing blend of sweetness and tartness makes it one of the best flavours of all fruits!

Now new research is indicating that from a health standpoint, mulberries may actually be the most valuable tree fruit. Dried mulberries and even the leaves are being touted as the latest superfood. The fruit itself has an impressive antioxidant punch, but a compound in the leaves called DNJ is what's creating excitement. Drinking mulberry leaf tea with your meal helps to control blood sugar and possibly prevent diabetes. The tree is also appreciated for its ornamental appeal, however the dark fruited varieties should be planted away from sidewalks and driveways, as the fallen fruits can cause staining.

• BLACK BEAUTY MULBERRY BUSH (*Morus nigra* spp)

This variety of Persian mulberry produces flavourful blackberry-like fruit that is large, juicy and black. Can be used for fresh eating, desserts, jam, wine, and the list goes on! It ripens over an extended period of time from early to mid-summer.



Makes an attractive 2.5 - 3 m (8 - 10 ft) tall shrub. Works beautifully for creating a carefree fruiting hedge.

SELF-FERTILE | ZONE 4/5 | HARVEST: EVERBEARING
167-1042 60-90cm (2-3') shrub grafted

\$44.95 EACH

• ILLINOIS EVERBEARING (*Morus alba x rubra*)

A vigorous, hardy variety it is a natural cross between white and red mulberry trees. Considered by many to be the best flavoured mulberry of all, it bears bountiful crops of large 3.5 cm (1.5") sweet, glossy, virtually seedless black fruit continuously throughout July, August and September. This slender, fast growing tree can reach 5 - 8 m (16 - 20 ft) at maturity but is easily kept much shorter by pruning.



SELF-FERTILE | ZONE 4 | HARVEST: EVERBEARING

167-3442 30-60cm (1-2') grafted

\$39.95 EACH

167-3443 1-2m (3-6') grafted

\$49.95 EACH

Fruiting Ornamental Mulberries

• CONTORTED BLACK MULBERRY (*Morus alba unryu*)

As a unique edible landscaping addition, it is prized for its gnarled and twisted branches. Slow-growing, it only reaches 2 to 2.5 meters high (6 to 8 feet) and is a moderate producer of tasty, jet-black berries. Can be grown in a container.

SELF-FERTILE | ZONE 4/5 |

167-1642 30-60cm (1-2') grafted

\$39.95 EACH

• TEAS WEeping MULBERRY (*Morus alba 'pendula'*)

An interesting landscaping selection, it features a dense profusion of slender, weeping branches cascading down almost to the ground. Glossy, dark green foliage turns yellow in fall. Vigorous tree is quite drought tolerant, growing to about 3.5 meters (12 feet) in height. Bears blackberry type fruit for both you and the birds to enjoy. Fruit colour may vary.

SELF-FERTILE | ZONE 4/5 |

167-1042 Grafted at 1.5-1.8m (5-6')



\$49.95 EACH

>Paw Paws (*Asimina triloba*)

Long before Columbus sailed the ocean blue, North American Indians were enjoying the vanilla custard flavoured flesh of this norther banana. Large, lush, drooping leaves give the pawpaw a tropical appearance. A slow growing, pyramidal shaped tree, it can reach anywhere from 10-25ft at maturity. It has virtually no insect or disease problems and requires very little pruning. This exotic and fascinating native tree is in high demand.

• SEEDLING PAW PAWS

Native to Eastern North America, the paw paw is a small tree that produces hanging clusters of delicious oval shaped fruit that have a banana or vanilla custard like flavour. With its large drooping leaves and delicate purple flowers in spring, the pawpaw tree has great ornamental appeal. Paw paws also have few pest or disease problems. Plant in well drained soil and protect from strong winds and grass competition for the first two years.

PLANT 2 FOR POLLINATION | ZONE 4/5 | HARVEST: LATE

165-0152

30-60cm (1-2') 1 gallon pot

\$49.95 EACH



Paw paw blossom



Paw paws ripening

May your choices reflect your hopes, not your fears.

- Nelson Mandela

Paw Paw Varieties

Grafted Paw Paws are more consistent and productive than seedlings and will begin bearing fruit sooner. Although they are less winter hardy than seedling trees, these selected varieties are worth trying in protected areas.

Plant two different varieties for pollination or plant one seedling and one grafted tree.

● CAMPBELL NC-1

Considered to be one of the most ornamental paw paw trees, its large leaves are a dark, blueish-green. NC-1, selected in 1976 by R. Douglas Campbell here in Ontario, ripens in mid-September, making it especially suited for colder climates. Large fruits have thin yellowish-green skin, buttery yellow flesh with few seeds and very good flavour.



NEEDS A POLLENIZER | ZONE 5 | HARVEST: EARLY

165-1042 30-60cm (1-2') 1 gallon pot

\$49.95 EACH

● KSU-ATWOOD™

In 2009, Kentucky State University released its first cultivar- KSU-Atwood, named after its longtime college president, Rufus B. Atwood. Medium-sized, round fruit has a greenish-blue skin and yellow-orange flesh with a unique mango-pineapple, banana-like flavour. Extremely productive, averaging 150 fruit per tree at KSU. Ripens in early October.



NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID-LATE

165-3642 30-60cm (1-2') 1 gallon pot

\$49.95 EACH

● KSU-BENSON NEW

The newest release from Kentucky State University's paw paw program looks like another winner! KSU-Benson can bear upwards of 150 medium-large, melon shaped fruit which ripen in early midseason every fall. It was rated very high for both flavour and texture at a recent taste test and has a low seed weight. Orange flesh has a thick, custardy texture and a sweet richness to it's tropical flavour.

NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID

165-3741 30-45cm (12-18") 2 litre pot

\$44.95 EACH

● MARIA'S JOY NEW

Developed by Jerry Lehman of Terre Haute of Indiana this newer variety won the 'Best Fruit' award at the 2012 Ohio Paw Paw festival. Some consider it the best tasting Paw Paw of all. Large annual crops of medium-large, kidney shaped fruit. Ripens mid-season.

NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID-LATE

165-4541 30-45cm (12-18") 2 litre pot

\$44.95 EACH

● SHENANDOAH™

The extra large fruit of this patented Peterson variety can weigh close to one pound! Pale green skin covers the delectable creamy yellow custard-like flesh. With its smaller percentage of seeds and a mild sweet flavour, Shenandoah is becoming a popular choice.



NEEDS A POLLENIZER | ZONE 5 | HARVEST: MID-LATE

165-7542 30-60cm (1-2') 1 gallon pot

\$49.95 EACH

➤ Medlars (*Mespilus germanica*)

Medlar trees with their sweet, soft and delicious apple-like fruit are very rare and quite unique. Their history goes back to medieval times in England and Europe. In the Middle Ages most walled monastery gardens included a number of these craggy but elegant trees. They can be extremely long-lived. A certain medlar tree in England, planted during the reign of King James I in the early 1600s was reportedly still alive and well quite recently!

A medlar in bloom will rival a rose bush in dignified beauty with its large white blossoms nestled in a whorl of dark green leaves.

1.25-2m (4-6ft) bareroot tree

● BREDA GIANT

Medium sized fruit with a spicy applesauce flavour and texture. This picturesque variety has somewhat droopy branches. A slower grower, it can eventually reach 4.5 - 6 meters (15 - 20 feet). It is originally from Holland.

SELF-FERTILE | ZONE 5 | HARVEST: LATE

164-0831

DWARF (QUINCE A)

\$49.95 EACH

● KARADAGSKAYA NEW

This interesting variety from the Ukraine was selected for its production and exceptional cold hardiness.

SELF-FERTILE | ZONE 4/5 | HARVEST: LATE

164-3731

DWARF (QUINCE A)

\$49.95 EACH

● MARRON™

This naturally compact tree has a rustic charm of its own. Beautiful white blossoms are followed by ample crops of golf-ball sized, russet brown fruit with a brisk, refreshing flavor.

SELF-FERTILE | ZONE 5 | HARVEST: LATE

164-4131

DWARF (QUINCE A)

\$49.95 EACH

● ROYAL

A more upright growing with a rounded form. An attractive, moderate sized tree, it is also very productive. 2.5 cm - 4 cm (1" - 1.5") nut brown fruit has cinnamon applesauce flavour.

SELF-FERTILE | ZONE 5 | HARVEST: LATE

164-7031

DWARF (QUINCE A)

\$49.95 EACH



Growing Tip

Medlars prefer a somewhat sheltered, well drained site with lots of sunshine. Medlars also have a few unique requirements:

1. They should be planted with the graft union several inches below the soil level to allow the scion to form its own roots.
2. The fruit is still rock-hard and mouth puckering when picked late in the fall. They need 2 to 4 weeks to soften up (a process called bletting) before they are ready to eat, bake or roast, or make jellies and jams.

> Persimmons

(Diospyros virginiana)

American persimmon trees are very attractive with an upright form and distinctive 'alligator hide' bark pattern. Waxy, blue-green droopy leaves turn a striking golden yellow in the fall with their orange, golf ball sized fruit which ripens very late, often hanging on the tree after the leaves drop. When fully ripe, persimmons are soft and honey-sweet with a dash of spice. The unusual, delectable flavour possibly explains the Latin name for persimmon which means 'food of the gods'.

• SEEDLING PERSIMMONS

Seedling persimmons are either male or female. only the females bear fruit, which is the only way to tell them apart. Like any other seedling, some variation in fruit quality, size and ripening time can be expected. However, they do have the advantage of being more hardy than a grafted tree.

PLANT SEVERAL | ZONE 4 | HARVEST: LATE TO VERY LATE
166-0152 60-90cm (2-3') bare root \$24.95 EACH

Persimmon Varieties

We have selected only self-fertile persimmon varieties. They will set fruit without having a male pollinizer nearby.

• MEADER

One of the most cold hardy varieties, Meader produces tomato shaped fruits that are approximately 4 cm (1.5") in diameter. These persimmons have an outstanding, very sweet flavour. The apricot coloured fruit has a red blush and ripens through October. The tree is productive and quite ornamental with a narrow form similar to a pear tree.

SELF-FERTILE | ZONE 4/5 | HARVEST: LATE
166-5643 90-120cm (3-4') grafted \$49.95 EACH



NOTE ON DELAYED LEAFING: Be patient with Persimmons. they are usually the last to break dormancy. Watering them while dormant will not help, it can even hurt the roots, if overdone. They simply need lots of heat to wake up, so in a cool spring it could take a month or even longer yet.

• PRAIRIE DAWN™ NEW

James Claypool was an American Persimmon enthusiast who devoted much time and energy to developing new, hardy, earlier ripening varieties. At one point he had over 2000 trees under evaluation! The 'Prairie' selections now being introduced are the result of his work. Prairie Dawn™ features sweet and flavourful, orange-red, seedless fruit. Exceptional taste and smooth texture, as well as early ripening makes this a good one to try.

SELF-FERTILE | ZONE 4/5 | HARVEST: MID-LATE
166-7543 90-120cm (3-4') grafted \$49.95 EACH

• PRAIRIE STAR™

From the Claypool breeding program, this newer seedless variety is noted for unusually large and delectably sweet, firm, amber-coloured fruit. Prairie Star™ is one of the earliest ripening American persimmons. It is in fact, the same variety being sold as 'Early Jewel'. Naturally compact tree is very productive.

SELF-FERTILE | ZONE 4/5 | HARVEST: LATE
166-7643 90-120cm (3-4') grafted \$49.95 EACH

• NIKITA'S GIFT™

(D. virginia x Diospyros kaki)

This unique cross of American and Asian persimmon comes from the Nikita Botanical Garden in Yalta, Ukraine. It offers the advantage of larger fruit on a more compact tree without losing too much in cold hardiness. The delicious, reddish-orange, seedless fruit that is produced bountifully on this highly ornamental tree can be up to 6.5 cm (2.5") in diameter!

SELF-FERTILE | ZONE 5 | HARVEST: VERY LATE
166-6543 90-120cm (3-4') grafted \$49.95 EACH



We also have limited quantities of the following varieties of Asian Persimmon trees. With persistent pruning, these can thrive in a container for many years.

• SWEET FUYU

SELF-FERTILE | ZONE 5/6 | HARVEST: LATE
166-8943 90-120cm (3-4') grafted \$49.95 EACH

• FIRE CRYSTAL

SELF-FERTILE | ZONE 5/6 | HARVEST: LATE
166-2343 90-120cm (3-4') grafted \$49.95 EACH

Growing Tip

Plant your persimmon trees in a well-drained, sunny location, but don't let them dry out. After you have successfully started them, persimmons are extremely easy to grow and care for. Seedlings may eventually reach a mature height of 15 meters (50 feet) while grafted varieties usually remain considerably smaller.

→ Hardy Nut Trees

A selection of the most cold hardy nut trees available. These seedlings will grow up to add long-term value to your property and provide food for both humans and wildlife. Nut trees thrive in rich soil and seem to do well near river bottoms (but not in frost pockets or constant wet spots). Be sure though, to keep them well watered for the first summer at least. Remember that this is an investment for the future and as such deserves your attention to get off to a good start.

• AMERICAN/CHINESE HYBRID CHESTNUT (*Castanea dentata* x *Castanea mollissima*)

Native American chestnuts were once the dominant forest tree in eastern North America, sometimes attaining heights of close to 60m (200 ft)! The lightweight, decay-resistant wood was important for timber and the low oil, high carbohydrate nuts were consumed by humans, farm animals and wildlife.

In the early 1900s, a deadly fungal disease now known as 'chestnut blight', practically wiped out the entire American chestnut population. Much effort has gone into crossing blight-resistant Chinese chestnuts with the taller, hardier American chestnuts to bring back this valuable tree. These chestnuts crosses produce large, sweet nuts that are tastier than imported nuts.



These hybrid seedlings, which are derived from superior Earl Douglass parent stock are your best bet for nut quality, hardiness and tree form as well as blight resistance. Mature height is 15-25m (50-80 ft). Please note that chestnut trees prefer sandy loam soil with a pH of 4.5 to 6.5.

PLANT 2 FOR POLLINATION | ZONE 4 | HARVEST: LATE
182-0353 60-90cm (2-3') seedling \$32.95 EACH

Seedling VS. Grafted Trees. What is the difference?

A **seedling** is a tree that has been grown from a seed. Like children, seedlings are each genetically different. They will not be an exact copy of either parent. A seedling often is not true to fruit (meaning that you will not necessarily get the same quality of fruit or nut). Without graft tissue, seedling trees are usually more winter hardy, grow more vigorously and may grow into much larger trees at maturity.

A **grafted** tree is a tree which has been reproduced to have consistent fruit quality and a controlled tree size (a cutting or bud from the "Mother tree" is joined to a rootstock). Grafted trees will always be true to fruit producing the same high quality as the superior Mother tree. They will also begin bearing at a younger age and usually remain a more compact tree.

• BUTTERNUTS (*Juglans cinerea*)

The butternut, also known as 'white walnut', is native to Eastern North America. It is known as one of the hardiest nut trees, thriving in most Zone 3 areas that have deep, loamy soils. Our seedlings come from North Dakota parent stock.



Butternuts, with their open, spreading crown, make an attractive ornamental tree. Wood-carvers appreciate the light-coloured wood with a grain similar to black walnut but easier to work with. The nuts have an oily, aromatic and buttery flavour and have been collected for fresh eating and baking since the days of yore. Mature height 15-25m (50-80 ft)

PLANT 2 FOR POLLINATION | ZONE 3 | HARVEST: LATE
184-0151 30-45cm (12-18") seedling \$9.95 EACH
184-0152 45-60cm (18-24") seedling \$14.95 EACH

• BLACK WALNUTS (*Juglans nigra*)

This majestic and valuable timber thrives in deep, well drained fertile soil. In fact, when the first Mennonite settlers came to Ontario in the early 1800s, it is said that they watched for walnut trees as a reliable indicator of where the best land could be cleared for farming. Nowadays walnut is probably the most widely used tree in alley-cropping systems in North America providing shade, nuts, firewood and eventually timber. Black walnut is valued for its high quality wood used in fine furniture, gun stocks and cabinet making. The nuts will add their distinctive flavour to ice cream and desserts, or can be used in baking. Even the crushed nut shells have a multitude of uses with some large nut processing plants finding it difficult to satisfy the demand. Mature height 20 - 30 m (65 - 100 ft)



PLANT 2 FOR POLLINATION | ZONE 3 | HARVEST: LATE
184-4151 30-45cm (12-18") seedling \$9.95 EACH
184-4152 45-60cm (18-24") seedling \$14.95 EACH
184-4153 60-90cm (2-3') seedling \$19.95 EACH

The Black Walnut Neighbourhood

As some of you already know, many plants simply do not grow well when planted close to a walnut tree. The roots of both the butternut and black walnut give off a toxic substance known as **juglone** which eliminates their competition. It will kill most evergreens, as well as some fruit trees and a number of vegetables. Most grasses seem not to mind, and some plants actually seem to thrive.

The following is a short list of some of the best neighbors for a walnut tree:

Black raspberries	Black locust	Currants
Grapes	Goumi	Elderberries
Rugosa roses	Persimmons	Sweet corn
High bush cranberries	Paw paws	Beans
	Mulberries	Onions

Some of the poorest choices include:

Apples, pears, blackberries, tomatoes & alfalfa

● **BUR OAK (*Quercus macrocarpa*)**

Consider carefully before you plant a bur oak- it might be there for the next 200-300 years! This majestic, towering native tree is extremely hardy and adaptable, tolerating bitter cold, scorching heat and air pollution. It has the largest acorns of any oak species with low tannin content, making them the most suitable for human use. Acorns have always been important for wildlife as well as farm animals with acorn-fed pork enjoying a recent surge in popularity. Mature height 18-28m (60-90 ft)



SELF-FERTILE | ZONE 2/3 | HARVEST: MID

182-4852 45-60cm (18-24") seedling \$14.95 EACH

182-4853 60-90cm (2-3') seedling \$19.95 EACH

● **EUROPEAN PURPLE BEECH NEW**

(*Fagus sylvatica* 'Purpurea')

One of the most stately of the large ornamental shade trees. It can grow to 18m (60ft) tall with a dense, oval crown and smooth light gray bark. Reddish coloured leaves emerge in the spring, changing to a deep, regal purple for the summer. Wildlife enjoy the small, triangular nuts which are produced quite heavily every few years with light yields in between. Purple Beech can also be pruned to make a dense hardy hedge



PLANT 2 FOR POLLINATION | ZONE 4 | HARVEST: LATE

182-6852 45-60cm (18-24") seedling \$19.95 EACH

→ Heartnuts

(*Juglans ailontifolia* var. *cordiformis*)

A variety of the Japanese walnut, these heart-shaped nuts open like a locket when tapped on its side easily releasing a kernel that is mild tasting, buttery and slightly sweet, unlike typical walnuts that can have a bitter taste. With its huge fern-like leaves,



pendulous catkins and hanging clusters of nuts, the Heartnut tree makes a stunning ornamental. A broad round top tree that can easily grow to be as wide as it is tall, making it an excellent shade tree if you have the space. Mature seedling heartnuts can be over 15 meters (50 feet) wide and tall, yielding over 90 kg (200 pounds) of nuts per tree! We offer 2 types of heartnuts: grafted (genetically identical) and seedlings.

He who plants a tree plants hope. A treeless place cannot be a happy home for children, or wife, or husband, or friends. He who surrounds himself with trees surrounds himself with friends. Not only do they present you with healthful and toothsome fruits, but with cool shade and fragrant blossoms.

- from Green's Nursery Catalogue, 1904

● **SEEDLING HEARTNUT**

Heartnut seedlings are more hardy than grafted varieties. However, they do take longer to begin producing- usually 4-7 years. Nut quality will vary from tree to tree and in most cases they do not crack as easily. With a bit of luck, you could also end up having a seedling tree that is as good or better as any grafted variety! Heartnuts have possibly the most potential of any nut tree in Canada.

Mature height 10 - 16 m (30-55 ft)

PLANT 2 FOR POLLINATION | ZONE 4 | HARVEST: LATE

184-8152 30-60cm (1-2') seedling \$16.95 EACH

184-8153 60-90cm (2-3') seedling \$22.95 EACH

184-8154 1-1.8m (3-6') seedling \$29.95 EACH

NOTE: We have lots of healthy, well started 30-60cm heartnut seedlings for this spring. Inquire about quantity discounts.

Heartnut Varieties

Grafted heartnuts often start producing in 2-4 years. Early spring pruning is important for young heartnut trees to develop a proper 'central leader' type of tree form.

Plant 2 different varieties for pollination or plant 1 seedling and 1 grafted tree

● **CAMPBELL CW-3**

A vigorous, hardy variety selected by R. Douglas Campbell here in Ontario, it is a reliable heavy producer of mid-sized, perfect heart-shaped nuts that ripen in early- to mid-October.

Mature height 8 - 12 m (25 - 40 ft)

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: LATE

184-8442 30-60cm (1-2') grafted \$49.95 EACH

184-8443 60-90cm (2-3') grafted \$55.95 EACH

● **IMSHU**

The 'Imshu' name is a blend of 'improved' and 'Schubert'. It originates from a Korean seedling which was brought home to the US by a soldier who served in the Korean War. This variety is now considered the best, hardiest heartnut with bountiful annual crops of medium sized nuts which ripen in mid-October.

Mature height 8 - 12 m (25 - 40 ft)

NEEDS A POLLENIZER | ZONE 4/5 | HARVEST: LATE

184-8642 30-60cm (1-2') grafted \$49.95 EACH

184-8643 60-90cm (2-3') grafted \$55.95 EACH



Heartnut Tree

> Pecans (*Carya illinoensis*)

Pecans are a member of the hickory family, which is well known for its dense, very strong wood. Pecan trees are straight and tall, rather than a spreading form like the heartnuts. They grow well in a wide range of soils, even heavy clay.

Although pecan trees are considered to be quite winter-hardy, the nuts require a long summer to ripen. Only the very earliest-ripening varieties are suitable for Canada. Northern pecan trees produce small tubular nuts that are sweeter and tastier than conventional southern pecans. They have a thin shell that is easy to crack.



• PECAN SEEDLINGS

These tall, majestic trees are hardier than the grafted varieties but they are in no hurry to begin producing- 10-15 years is common. Mature height is 15-20m (50-65 ft)

PLANT 2 FOR POLLINATION | ZONE 4 | HARVEST: VERY LATE

186-0153 60-90cm (2-3') seedling \$32.95 EACH

Pecan Varieties

Pecan trees have a long tap root. Our grafted varieties have been grown in tall pots for 2-3 years to promote strong roots. They will usually start producing about 5-10 years after planting. Plant 2 different varieties or plant 1 seedling and 1 grafted tree.



• LUCAS

Lucas was introduced by John Gordon of Amherst, NY. It is a hardy, dependable producer. Medium-sized nuts have good cracking quality and are larger than Snaps, but ripen about 10 days later.

NEEDS A POLLINIZER | ZONE 4/5 | HARVEST: VERY LATE

186-2143 60-90cm (2-3') grafted \$55.95 EACH

• SNAPS

Snaps earned its name for consistently being the earliest variety to 'snap' open its husk, which is the last step of nut ripening. Nut size is quite small, about the same size as a large hazelnut, but it is the hardiest, most reliable choice for Canadian pecan production.

NEEDS A POLLINIZER | ZONE 4/5 | HARVEST: LATE

186-3143 60-90cm (2-3') grafted \$55.95 EACH

Knowledge is one thing that does not become secondhand when used.

> Hazelnuts (*Corylus americana*)



Hazelnuts are currently attracting lots of attention and for good reason. But even without considering the possible confectionary or snack market, this versatile shrubby tree offers multiple possibilities. Since the kernels are high in both oil and protein, they could potentially replace soybeans. Recent research indicates that hazelnuts produced the most oil per acre of any perennial plant. Even hazelnut shells can be used as fuel as they have almost twice the BTU as wood.

• SEEDLING HAZELNUTS

Our superior northern seedlings were selected for their resistance to disease and their comparable nut quality. With their dense, beautiful foliage, hazelnut seedlings are especially useful for creating a hedge or windbreak.

Mature height 2.5-3.5 m (8-12 ft)

PLANT 2 FOR POLLINATION | ZONE 3 | HARVEST: LATE

183-0151 30-45cm (12-18") seedling \$10.95 EACH

183-0152 45-60cm (18-24") seedling \$15.95 EACH

183-0154 1-1.8m (3-6') seedling \$25.95 EACH

Hazelnut Varieties

Hazelnuts are propagated by layering, much like black raspberries. For commercial settings they offer the advantage of genetically-identical trees for predictable ripening and consistent superior nut quality.

NOTE: Unfortunately we are unable to offer any Hazelnut Varieties for 2017. They should be back for next year.

Hazelnut Layers

ANDREW

Formerly HET 1, This extremely hardy new hybrid has good blight resistance and a mid-sized nut with great flavour.

Mature height is 3 - 3.5 meters (10 - 12 feet).

POLLINATE WITH ALDARA | ZONE 3 | HARVEST: MID

ALDARA

First released as HET3, Aldara can be paired with Andrew. These exciting new hybrids make hazelnut production possible in colder regions.

POLLINATE WITH ANDREW | ZONE 3 | HARVEST: MID



➤ Almonds (*Prunus dulcis*)

Almond trees are hard to tell apart from peaches, with similar tree size, shape and foliage, as well as magnificent pink blossoms. At this point it appears highly unlikely that almonds can ever be considered commercially here in Canada. We offer the very hardiest variety for the home gardener.

• HALLS HARDY

Halls' Hardy blooms later making it the best choice for colder areas. This productive tree produces medium sized nuts with a hard shell and delicious sweet kernels. Because of its profuse pink blossoms, this tree is often purchased solely for its ornamental qualities. Plant in a well drained, sunny and protected spot. 4.5 - 5.5 m (15 - 18 ft).

SELF-FERTILE | ZONE 5 | HARVEST: LATE

181-2353

SEMI DWARF (ST JULIEN A)

LIMITED QUANTITY- ONLY ONE PER CUSTOMER



\$49.95 EACH

• GARDEN PRINCE NEW

Grow your own commercial quality almonds on a container tree! Garden Prince is an attractive genetic dwarf that can easily be maintained at about 2.4m (8 ft) tall. Gorgeous, pink blossoms in early spring. Glossy, dense foliage. Bears large clusters of medium size, excellent quality, soft shell nuts. Ideally the tree should be planted in a large container, such as a wooden half-barrel, so it can be moved into a garage or basement for the winter, where it is cool enough to go dormant, but not much under freezing.

SELF-FERTILE | ZONE 7 | HARVEST: LATE

181-2156

DWARF (NEMAGUARD)

\$59.95 EACH



Other Functional Trees & Shrubs

➤ Stone Pines (*Pinus spp*)

The edible seeds from this pine tree are used to make pesto, added to salads, etc. Pine nuts can be difficult to transplant and require shade or a grow tube for the first few years to prevent desiccating in the hot summer sun. We recommend planting your pine nut with a shovel full of soil that comes from underneath a native pine tree to inoculate the roots. Pine nuts take 8 to 10 years to start producing, please be patient it's well worth the wait!

• KOREAN PINE (*Pinus koraiensis*)

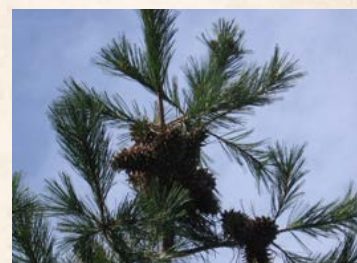
The Korean Pine is noted for having some of the largest seeds of any edible pine nut variety. The pistachio-shaped gourmet nuts are prized for their delectable flavour and nutritional value. Current figures indicate that Canada imports almost 30 million dollars worth of pine nuts each year! Very winter hardy, with long, dark bluish-green needles these stately, majestic evergreens are both useful and ornamental. They can eventually reach heights of 25 - 30 M (80 - 100 ft)

SELF-FERTILE | ZONE 3/4 | HARVEST: LATE

187-0351

15-20cm (6-8") 1 gallon pot

\$19.95 EACH



➤ Yellowhorn (*Xanthoceras sorbifolia*)

• YELLOWHORN

A little known flowering edible-ornamental tree, native to China, Yellowhorn is an extraordinarily beautiful and unusual tree, with white, showy flowers in spring and handsome, lustrous leaves remaining green until late fall. Also known as the 'Popcorn Shrub', its masses of bloom clusters are followed by edible seeds. The flavour of its roasted seeds has been compared to sweet chestnuts or macadamia nuts. The seeds also contain a high percentage of oil useful for bio-fuel as well as human consumption. Mature height 6 - 7.5 m (20 - 25 ft).

SELF-FERTILE | ZONE 5 | HARVEST: LATE

169-9152

45-60cm (18-24")

\$19.95 EACH



> Mountain Ash (*Sorbus spp*)

• **RABINA NEW** (*Sorbus acuparia*)

This hardy Russian selection makes a fine ornamental landscaping tree with attractive pinnate foliage and clusters of large, bright orange berries. Rabina was chosen for its non-bitter, sweet-tart and nutritious (high in Vitamins A and C) fruit which is used for juice, preserves and wine, as well as fresh eating - providing that you beat the birds to the berries! Mature height is 3.5-4.5m (12-15ft).

SELF-FERTILE | ZONE 3 | HARVEST: LATE

169-6338

1-1.8m (3-6') grafted

\$39.95 EACH



• **IVAN'S BEAUTY™ HYBRID MOUNTAIN ASH** (*Sorbus acuparia x aronia*)

A highly unusual and very attractive compact tree, Ivan's Beauty™ is a unique cross of Russian Mountain Ash and Aronia berry. Large clusters of pink-tinged white flowers are followed by dark maroon berries the size of small pie cherries. Usually used in preserves, juice and wine. Developed by Ivan Michurin, the famed Russian horticulturist, this exotic edible landscaping tree rarely grows over 3.5 meters (12 feet) tall.

SELF-FERTILE | ZONE 3 | HARVEST: LATE

169-5138

1-1.8m (3-6') grafted

\$39.95 EACH



> Willows (*Salix spp*)

Even though willows are not a food producing tree, they do serve a special purpose, as they are one of very few trees that actually thrive in damp, poorly drained soil. In fact, in some cases, when planted in a water logged site, they have sucked up enough moisture through their massive root system that the surrounding area became drier and more hospitable to other plants! Be sure to plant them well away from septic systems or any other underground drainage tile. Mature height 9 - 10 m (30 - 35 ft) with 4.5 - 6 m (15 - 20 ft) spread.

• **GOLDEN CURLS**

Distinguished by its golden-yellow upright, spirally twisted branches with wavy leaves that are sought after for use in flower arrangements. It provides a very attractive solution to problematic landscaping sites.

| ZONE 4 |

169-3084

1-1.8m (3-6') seedling

\$32.95 EACH



• **SCARLET CURLS®**

Very similar in growth and form to Golden Curls but has the added feature of scarlet stems. This colourful effect intensifies with the first frost. The unique curly soft-green leaves turn yellow in the fall.

| ZONE 4 |

169-4084

1-1.8m (3-6') seedling

\$32.95 EACH



> High Bush Cranberries (*Viburnum opulus*)

This handsome shrub will thrive in poor soil, but requires moisture and prefers some shade. Massive, showy white flower heads turn into clusters of bright scarlet, tart but edible berries that will hang on the branches all winter.

The flowers, fruit and seeds are sometimes used in herbal medicine as a fever reducer, to lower blood pressure and treat heart disease. With its tidy, symmetrical growth habit it makes an excellent hedge about 2.4 - 3 metres (8-10ft) high and 1/2 - 1.8 metres (4-6ft) wide.



• **KALINKA™ NEW**

Vivid crimson fall foliage and sweeter berries are two attributes of this new European selection. Wait until frost has removed the bitterness to harvest the berries.

SELF-FERTILE | ZONE 3 | HARVEST: LATE

210-6581

30-60cm (1-2ft) plants

\$15.95 EACH

More Landscaping Trees in the Nitrogen Fixing Section on Page 46 & 47



LOCUSTS



SEA BUCKTHORN

Nothing will ever be attempted if all possible objections must be overcome first.

- Samuel Johnson

You may delay, but time will not.

- Benjamin Franklin

Success is not final, failure is not fatal; it is the courage to continue that counts.

- Winston Churchill

> *Rugosa* Roses

Strangely enough, one of the most beneficial of all landscaping plants is one that is known mostly for its flowers.

Rugosa Roses are such nutritional powerhouses that it would take a lengthy article to expound on all the proven benefits. Compared to oranges, rose hips contain 25% more iron, up to 40% more vitamin C, 25% more vitamin A and 28% more calcium. In addition, rose hips are a rich source of vitamin E, selenium, B complex vitamins, biflavonoids, manganese and pectin. Besides all that, they also contain a high amount of naturally occurring polyphenols which enhance the immune system, eating up cancer cells and free radicals.



Herbalists reach for rose hips to treat a whole host of human ailments and infections. Horse lovers will be interested to know some leading veterinarians recommend rose hips for improved blood circulation as well as hoof quality and growth. Imagine all this besides creating luscious landscaping solutions.

Makes a fragrant, colourful and carefree hedge, blooming continuously through the summer. Rugosa roses are extremely hardy, salt tolerant and disease resistant. They are not fussy about soil types and enjoy full sun. We've selected varieties that are particularly well suited for jam, syrup, soup and tea as well as nibbling on fresh.

• **BLANC DOUBLE DE COUBERT** **NEW**

An old time rugosa hybrid from France, dating back to 1892, 'Blanc' is famous for its pure white blossoms and intense, almost intoxicating fragrance. However, the large orange-red edible hips are the most valuable contribution from this rugged, disease resistant bush with dark green, leathery-look foliage. Grows to 1.75m (5-6 ft).

SELF-FERTILE | ZONE 2 | HARVEST: MID-LATE

267-0682

2yr old plant

\$17.95 EACH



• **DART'S DASH** **NEW**

From Darthuis Nursery in the Netherlands, this dense, rounded, deep green bush which grows to 1.5m (4-5 ft) is ideal for creating a hedge. Similar to the more common 'Hansa', but Dart's Dash is more compact and longer blooming. Large, semi-double, crimson-purple flowers fill the air with a lovely, lemony scent all summer and into fall. Immense, very showy hips soften after a few light frosts.

SELF-FERTILE | ZONE 2 | HARVEST: MID-LATE

267-1882

2yr old plant

\$17.95 EACH



• **FRAU DAGMAR HASTRUP** **NEW**

This remarkable Danish rose is famous for its hefty hips. Charming, soft, silvery pink blooms cover the bush first, followed by a mixture of flowers and fleshy, crimson hips well into autumn. Fall foliage is coppery orange. Grow this 1.25m (4 ft) bush on a small trellis or use its sprawling habit to cover a slope.

SELF-FERTILE | ZONE 2 | HARVEST: MID-LATE

267-2682

2yr old plant

\$17.95 EACH



• **SCHNEEKOPPE** **NEW**

The name of this newer German rose translates into 'Snowhead'. It is also marketed under the name 'Snow Pavement'. Elegant, double white flowers, infused with lavender are a real favourite with the ladies. Dense, rounded bush is one of the finest hedging plants or makes an attractive accent on its own. Highly rated for fragrance and last but not least - large, flavourful hips. Grows to 1.5m (4-5 ft).

SELF-FERTILE | ZONE 2 | HARVEST: MID-LATE

267-8882

2yr old plant

\$17.95 EACH



Some people grumble that roses have thorns; I'm just glad that thorns have roses.

- Marteau

Small Fruits

Welcome to the vast and diverse domain of small fruits! If you enjoy fresh fruit, but the trees intimidate you, try a few berry bushes first. With a wide range of vines, shrubs, canes and ground covers to choose from, we've got something to fit into every landscape, space or budget.

>Kiwis (*Actinidia spp*)

Of the three main types of kiwi, by far the most common are the fuzzy brown ones which are grown primarily in New Zealand and can be found in supermarkets everywhere. Their smaller, smooth-skinned cousins, which are hardy enough to grow here in Canada are known as ARGUTA kiwi and KOLOMITKA kiwi.

For many centuries the Chinese have been eating these hardy kiwi fruit which they harvest in the wild. When first introduced to North America in the early 1900's they were planted mostly as ornamentals with their twining vines and attractive foliage. In more recent times, the savory, grape-sized fruit has gained popularity as more people become aware of its existence.

Although kiwis grow well in shade, you will get more and bigger fruit with partial or even full sun, especially in more northern regions. Young plants should be well wrapped for several winters as they gain hardiness with maturity. Hardy kiwis have no significant pests or disease problems.

You will need a non-fruiting male plant for pollination. One male can pollinate up to six females.

NOTE: If you have toyed with the thought of trying some Arguta Kiwis, now is the time to take action! We have lots of well grown 2 year old plants, so we are offering them at a special promotional price.



Arguta Kiwis (*Actinidia arguta*)

Sparkling, emerald-green flesh, jam-packed with nutrients, especially vitamin C and covered with a smooth edible skin - Arguta kiwi fruit is super for snacking but can also be used in numerous other ways. Arguta kiwi vines are very vigorous and will grow rampantly over arbors or along fences. They do tend to take a little longer to begin bearing, but after 4-5 years they start getting serious about it. With a sturdy trellis and regular pruning Arguta can yield over 100 pounds of fruit per plant - real commercial potential here! Plant 3 to 6 meters (10 to 20 feet) apart.

• CHUNG BAI (FEMALE)

This new Korean selection appears to be one of the most cold hardy Argutas. Large, firm, heart-shaped fruit is about the size of a quarter. Excellent flavour. Ripens mid September.



PLANT WITH MEADER | ZONE 4 |

243-1282 2 year old vine \$19.95 REDUCED \$15.95 EACH

• DUMBARTON OAKS (FEMALE) NEW

Originated from an old vine in a public park in Washington DC. The roundish, ribbed fruits resemble cute, light-green, miniature pumpkins. One of the first to ripen - usually in early September.

PLANT WITH MEADER | ZONE 4/5 |

243-1782 2 year old vine \$19.95 REDUCED \$15.95 EACH

• EARLY CORDIFOLIA (FEMALE) NEW

Large, dark green fruit is considered by some to be the sweetest of any kiwi. High production and early ripening (mid September) add to the appeal of this popular variety.

PLANT WITH MEADER | ZONE 4/5 |

243-2282 2 year old vine \$19.95 REDUCED \$15.95 EACH

• GENEVA (FEMALE)

Green fleshed, green-skinned with a reddish core, Geneva's medium-sized fruit has exceptional flavour. Developed at the New York Research Station in Geneva, it ripens in mid-September.

PLANT WITH MEADER | ZONE 4/5 |

243-3282 2 year old vine \$19.95 REDUCED \$15.95 EACH

• KENS RED (FEMALE) NEW

This unique selection developed by the late New Zealand horticulturist Ken Nobbs, is proving to be more hardy than first expected. The reddish-purple fruit is very attractive and many people find the mild, sweet taste to be 'love at first bite'. Ripens early October.

PLANT WITH MEADER | ZONE 5 |

243-4382 2 year old vine \$19.95 REDUCED \$15.95 EACH

• MICHIGAN STATE (FEMALE) NEW

From Michigan State University, this one has larger fruit than most varieties. Lime-green, elongated Kiwis can be up to 4cm (1¾") in length. Savoury and aromatic. Highly productive. Ripens mid-late September.

PLANT WITH MEADER | ZONE 4 |

243-4882 2 year old vine \$19.95 REDUCED \$15.95 EACH

• MEADER (MALE)

The recommended pollenizer for the Arguta females listed above.

| ZONE 4 |

243-4782 2 year old vine \$19.95 EACH



Arguta Kiwi

Super Hardy Arguta Kiwis

• TATYANA (FEMALE) **NEW**

Tatyana is one of several hardy arguta varieties from Vladivostok, Russia which reportedly can survive -35°C. It produces generous crops of sweet, tasty, medium-sized fruit ripening early September.

PLANT WITH ANDREY | ZONE 3 |

243-8182 2 year old vine \$19.95 EACH

• ANDREY (MALE)

This super hardy male Arguta is the recommended pollinizer for Tatyana.

| ZONE 3 |

243-0182 2 year old vine \$19.95 EACH

Volume Discounts

Got a roadside stand? Doing small fruits in a big way? Contact us for commercial pricing (varieties ordered in multiples of 25). Call well in advance if you are planning an extensive planting (over 500 plants).

We do business with numerous growers and suppliers throughout North America. If you've got your heart set on a specific variety not in our catalog, we may be able to source it for you.

Kolomitka Kiwis (*Actinidia kolomitka*)

The kolomitka kiwi varieties are known to be hardy to -40°C. Their highly decorative vines are more shade-loving and require less pruning since they are not as fast growing. They do start to bear earlier, sometimes in the second year. The fruit is smaller but starts to ripen earlier in the season and can be harvested continually over a longer time period.

• FROST (FEMALE) **NEW**

'Matovaya' is the Russian name for our earliest ripening variety. Outstanding Vitamin C levels distinguish these small to medium sized, sweet, bright green fruits. Ripens early August.

PLANT WITH ARCTIC BEAUTY | ZONE 3 |

243-3182 2 year old vine \$19.95 EACH

• SEPTEMBER SUN (FEMALE)

The Russian name for this variety is 'Sentyabrskaya' but it is actually the same as the one being sold as 'Red Beauty'. Sweet, tasty, grape-sized fruit is high in Vitamin C. Dark green foliage shows a reddish tinge all summer, which becomes even more attractive with the onset of autumn. Ripens mid August.

PLANT WITH ARCTIC BEAUTY | ZONE 3 |

243-7182 2 year old vine \$19.95 EACH

• VIKTOR™ (FEMALE) **NEW**

Named for the person who discovered it in the wild, this one bears sweet, flavourful fruit that is almost as large as any arguta kiwi. Ripens late August.

PLANT WITH ARCTIC BEAUTY | ZONE 3 |

243-9182 2 year old vine \$19.95 EACH

• ARCTIC BEAUTY (MALE)

The recommended pollinizer for the **Kolomitka females**. This male is often grown by itself as an ornamental for its beautiful tri-coloured foliage. The exquisite silvery-white and pink variegation will begin to show by the plants second or third season.

| ZONE 3 |

243-0382 2 year old vine \$19.95 EACH



Kolomitka Kiwi

> Grapes (*Vitis* spp)

Although these grapes have seeds, they make high quality table grapes for northern climates. They will also make excellent grape juice and jellies.

Red Grapes (Seeded)

• SWENSON RED

The first of Elmer Swenson's varieties to be introduced by the University of Minnesota and considered by some to be his very best. The unique, fruity flavour of this firm, meaty grape is like no other. In fact, it surpasses many seedless varieties in flavour and quality, making it an excellent choice where extra hardiness is required. Although it is generally red, it can be bluish in climates with cool nights, but with its high sugar content it can even be sweet while it is green. One of the best grapes for storage, it is ideal for fresh eating and makes a respectable white wine. Ripens three weeks before Concord.



SELF-FERTILE | ZONE 3/4 | HARVEST: MID
223-7642 2 year old vine

\$12.95 EACH

White/Green Grapes (Seeded)

• BRIANNA

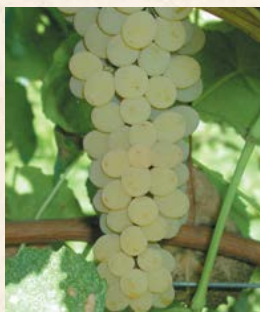
A relatively new selection that is earning acclaim for its savoury pineapple-like tropical taste and superior winter hardiness. Equally desirable as a seeded table or wine grape, this vigorous, productive variety is mildew-resistant, ripens relatively early – usually early September, and has survived -30°C temperatures.

SELF-FERTILE | ZONE 3 | HARVEST: EARLY-MID
223-0742 2 year old vine

\$12.95 EACH

• OSCEOLA MUSCAT

Formerly known as ES 8-2-43, this extremely hardy muscat grape is named after Osceola, WI – hometown of renowned grape breeder, Elmer Swenson. Aromatic and highly rated as a short season wine grape, it has a distinct, fine muscat flavour when fully ripe. Small to medium sized, sweet, golden berries also make delectable fresh eating.



SELF-FERTILE | ZONE 3 | HARVEST: EARLY
223-6042 2 year old vine

\$12.95 EACH

• SWENSON WHITE

A white grape with an unusual, but very pleasant fruity flavour. Its thick skin and high brix content no doubt contribute to its impressive disease resistance. Vigorous and winter hardy it makes a good candidate for ice wine as well as for fresh eating. Ripens just before Concord.

SELF-FERTILE | ZONE 4 | HARVEST: MID-LATE
223-7742 2 year old vine

\$12.95 EACH

Blue/Purple Grapes (Seeded)

• CONCORD

North America's favorite all purpose grape since 1849, when Ephraim Bull of Concord, Massachusetts selected it. He considered it the best of 22,000 wild grape seedlings which he had planted! Concord can be used as a table, juice or wine grape and makes excellent grape jelly. These vigorous, hardy and productive vines produce medium sized clusters of large dark blue or purple slip skin grapes that are flavorful and highly aromatic with a large seed. Late season.

SELF-FERTILE | ZONE 4 | HARVEST: MID-LATE
223-1442 2 year old vine

\$12.95 EACH

• FREDONIA

A favorite for home vineyards, Fredonia has compact clusters of very large dark blue-black fruit which make a richly flavoured juice. Very winter hardy and vigorous but actually requires less pruning than most varieties. Sweet, high quality grapes are valued for both table grape and wine production. Ripens two weeks before Concord.

SELF-FERTILE | ZONE 3/4 | HARVEST: MID
223-2742 2 year old vine

\$12.95 EACH

• MARQUETTE

A recent Minnesota introduction, Marquette is not only one of the very best red wine or juice grapes anywhere, it is also extremely cold hardy and early ripening, which is highly unusual for a grape with Pinot Noir parentage! Small to medium-sized, bluish-black berries with sugar level up in the range of 23-27 Brix and fairly low acid levels with substantial tannins that add complexity. An added bonus is resistance to black rot and mildew.

SELF-FERTILE | ZONE 3 | HARVEST: EARLY
223-5142 2 year old vine

\$12.95 EACH

• STEUBEN

Very large, perfectly formed, long, tapering clusters of dark purplish-black slipskin grapes with delicious, tender, sweet flesh. Known for the distinctive, rich, spicy flavour of its superb quality fruit, Steuben is easy to grow and care for with excellent disease resistance. The hardy, vigorous vines are extremely productive, so it will benefit from cluster thinning. One of the best, versatile varieties, Steuben is a favorite for fresh eating, can be kept in storage until Christmas and makes an excellent red wine.

SELF-FERTILE | ZONE 3 | HARVEST: MID
223-7542 2 year old vine

\$12.95 EACH

• VALIANT NEW

Developed in South Dakota, Valiant has legendary cold hardiness and has actually survived temperatures of -46°C in Manitoba. Tight clusters of mid sized, dark purple-black grapes are quite sweet and make a mild-flavoured respectable table grape. Ideal for jelly and especially for juice, it can also be used for wine. One of the best for short season areas, ripening in late August.

SELF-FERTILE | ZONE 2/3 | HARVEST: EARLY
223-8542 2 year old vine

\$12.95 EACH

Growing Tip

According to some old gardening books, planting hyssop next to grape vines has a beneficial effect and will increase fruit yields.

➤Seedless Grapes (*Vitis Spp*)

Seedless grapes are one of the most enjoyable fruits a homeowner can grow and in most cases are more profitable on a commercial scale than wine grapes. Although we select the very hardiest seedless varieties, they are (with the possible exception of Somerset and maybe Trollhaugen) somewhat less winter hardy than the old familiar Concord. They are of course also more rewarding to grow. Planting in an area protected from severe winter blasts is helpful. Grapes love the summer sun and will respond to all the protection and southern exposure you can provide.

Blue/Purple Grapes (Seedless)

• RENE BLEU

Just out from Vineland, this new blue table grape is reported to have exceptionally long bunches of sweet, mild-flavoured, medium-sized berries. As yet there is very little hard data, but growers who tested them were enthusiastic about fruit flavour, quality and hardiness. Test drive a few vines of this promising new variety before you plant a whole vineyard.

SELF-FERTILE | ZONE 4 | HARVEST: MID
224-7042 2 year old vine

\$14.95 EACH

• SOVEREIGN CORONATION

Small to medium sized, deep dark blue berries with a mild yet slightly tangy flavour. This is one grape which seems to flavour up better and even be more productive in cooler climates than further south. With its lower vine vigor, it should lend itself well to permaculture settings, even though it is actually a popular commercial variety. Ripens two weeks before Concord.

SELF-FERTILE | ZONE 4/5 | HARVEST: MID
224-7742 2 year old vine

\$14.95 EACH

• TROLLHAUGEN

The earliest and also the hardiest blue seedless grape, it can remain hanging on the vine for weeks after ripening without losing much quality. Medium-sized berries are exceptionally sweet with a mild Concord-like flavour. A real favorite for fresh eating, it also makes excellent raisins. Trollhaugen was introduced by Elmer Swenson, the renowned grape breeder from Wisconsin. The name reflects his Norwegian heritage. Ripens 3 to 4 weeks before Concord.

SELF-FERTILE | ZONE 4 | HARVEST: EARLY-MID
224-8641 1 year old vine
224-8642 2 year old vine

\$10.95 EACH
\$14.95 EACH



Growing Tip

Try Lee Reich's simple recipe for powdery mildew control in grapes or gooseberries. Spray plants with the following:

- 4 litres (1 gallon) of water
- 1 tablespoon sodium bicarbonate (baking soda)
- 1 tablespoon canola oil

Repeated applications may be needed, especially in rainy weather.

White/Green Grapes (Seedless)

• HIMROD NEW

A sister variety to 'Lakemont' from Geneva NY it is similar but considered somewhat hardier. Large, dense clusters of flavourful golden yellow, medium sized grapes with crisp skin and sweet, juicy flesh. If you have an arbor or pergola you'd like to cover. Himrod is a good choice as it's vigorous vines put out an exceptional amount of growth. Ripens early Sept. about 4 weeks before Concord.

SELF-FERTILE | ZONE 4/5 | HARVEST: EARLY-MID
224-1942 2 year old vine

\$14.95 EACH

• LAKEMONT

Very large, compact clusters of fairly small yellowish-green berries that are crisp, juicy and sweet. Lakemont is the best keeper, it actually improves in cold storage. A superior table grape and one of the best for raisins, Lakemont is similar to 'Himrod', but has a milder flavour and is much more productive, so cluster thinning is beneficial for berry size and plant hardiness. Ripens two weeks before Concord.

SELF-FERTILE | ZONE 5 | HARVEST: MID
224-3542 2 year old vine

\$14.95 EACH



Red Grapes (Seedless)

• RELIANCE

Large, well filled clusters of tender, melting reddish fruit with outstanding mild, fruity flavour. Certain years they may not develop a deep dark red colour but the flavour remains great. Sweet mid-sized berries are matchless for fresh eating and store well. Vigorous and dependable, Reliance has the finest quality of any seedless and is one of the more hardy. Ripens three weeks before Concord.

SELF-FERTILE | ZONE 4/5 | HARVEST: MID
224-6842 2 year old vine

\$14.95 EACH



• SOMERSET

Medium sized, ruddy, reddish golden berries with a crispy texture and a pleasant, surprising strawberry-like flavour. This exceptional table grape makes a delectable pink juice, as well as jams and jellies. The fruit is edible at the pink stage but becomes much sweeter and more flavourful if left until fully red. Developed in Minnesota, Somerset has proven to be the most cold hardy seedless variety. Easy to grow, very good disease resistance and not excessively vigorous. Ripens four weeks before Concord in late August or early September.

SELF-FERTILE | ZONE 4 | HARVEST: EARLY
224-7641 1 year old vine
224-7642 2 year old vine

\$10.95 EACH
\$14.95 EACH



• VANESSA

Long clusters of deep red mid-sized berries have crisp and firm, yet tender, melting flesh with a gratifying fruity flavour. If you love the red seedless type from California, found in grocery stores everywhere, Vanessa is your best bet to match the experience! A top notch table grape, it is perfect for pies, or adding to fruit cocktail salads. The vines are vigorous, moderately hardy and moderately productive. Ripens three weeks before Concord.

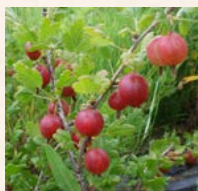
SELF-FERTILE | ZONE 5 | HARVEST: MID
224-9342 2 year old vine

\$14.95 EACH



→ Gooseberries

(*Ribes uva-crispa*)



Canadians are starting to realize what an easy landscaping plant the gooseberry is. In Europe you will find several bushes tucked into almost every backyard garden or used as an ornamental planting alongside the house.

Gooseberries prefer morning sun, partial shade in the afternoon and good air circulation. As most varieties will tolerate brutally cold winters, it is especially important to plant in shade in warmer regions. Mulch heavily to keep the roots cool and moist.

These hardy, compact shrubs have arching branches and typically mature at approximately 1.2 meters (4 feet) high and wide. The berries make incredible pies and are great for fresh eating as well as for preserves and drying. Gooseberries ripen mid-summer.

Red Gooseberries

• CAPTIVATOR

When fully ripe, this European/American cross bears large, deep pink berries that are very sweet. The hardy, mildew resistant bush is almost thorn-free for painless picking.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

221-1582

2 year old plant

\$15.95 EACH

• JEANNE

The new rising star of gooseberries! This European x American cross from Oregon, just released in 2006, is proving to be a real winner for both commercial and home garden settings. Large, thin-skinned, deep maroon-red berries with sweet, luscious, full-flavoured taste ripen almost 2 weeks later than Invicta. Very resistant to powdery mildew and other fungal diseases and even shows less defoliation from sawflies than other varieties. This superior disease resistance explains how Jeanne achieves those top yields it is noted for. Compact, upright bush with mercifully few thorns matures at 90 cm (3ft).



SELF-FERTILE | ZONE 4 | HARVEST: LATE

221-3582

2 year old plant

\$16.95 EACH

• POORMAN

An old American variety still held in high esteem for its superb aromatic flavour. One of the best for fresh eating as well as cooking and baking. Large, sweet, wine-red berries grow profusely on the sturdy, vigorous and thorny bush. Mildew resistant and hardy.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

221-5782

2 year old plant

\$15.95 EACH

Growing Tip



Are the leaves disappearing on your currant or gooseberry bush in early summer? Most likely the currant sawfly larvae are at work. The British have a simple prevention that works surprisingly well. Spread a thin layer of wood ashes around the base of the shrub.

Yellow & Green Gooseberries

• HINNOMAKI YELLOW

Originally from Finland it is known for extreme winter hardiness, good disease resistance - especially powdery mildew, and respectable yields of high quality fruit. Medium-sized, greenish-gold berries have a delicate, sweet flavour with an aromatic apricot aftertaste. A reliable, time-proven variety, this prickly, low-growing bush has a more spreading form than most.



SELF-FERTILE | ZONE 2 | HARVEST: EARLY-MID SUMMER

221-2681

1 year old plant

\$11.95 EACH

221-2682

2 year old plant

\$15.95 EACH

• INVICTA

Renowned for tremendous crops of huge, high quality, pale green berries with sweet, outstanding flavour, Invicta is resistant to mildew and late spring frosts. However, the vigorous, spreading bush is also renowned for incredibly wicked thorns! Two options: prune and trellis for easier picking or use the armor to your advantage and plant for an impenetrable hedge between the woodlot and the garden to keep the critters out!

SELF-FERTILE | ZONE 2 | HARVEST: MID-LATE SUMMER

221-3081

1 year old plant

\$11.95 EACH

• JEWEL

Unique, peach coloured berries distinguish this rare Polish variety, renowned for heavy yields of sweet, intensely flavoured fruit from compact, disease resistant bushes.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SUMMER

221-3682

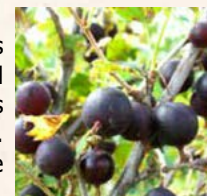
2 year old plant

\$15.95 EACH

Black Gooseberries

• BLACK VELVET

It is considered the champagne of gooseberries for its outstanding, rich, blueberry tinged flavour. This award winning selection produces high quality, large, sweet, deep purple berries. The vigorous, mildew-resistant bushes are extremely productive.



SELF-FERTILE | ZONE 4 | HARVEST: MID-SEASON

221-1082

2 year old plant

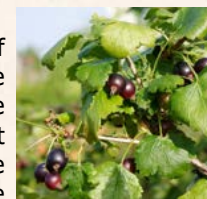
\$15.95 EACH

Gooseberry x Currant Cross

(*Ribes nidigrolaria*)

• BLACK JOSTABERRY

A unique, vigorous, disease resistant cross of black currant and gooseberry. It produces large clusters of purple-black berries which boast the high vitamin C content of black currants, but have a slightly milder, sweet, tangy flavour. The gooseberry influence comes through with the larger berry size that are excellent for eating fresh, jam, juice and cordials. A thornless shrub with glossy, dark green foliage. It reaches 1.5 - 2 meters (5 - 6 feet) in height but is somewhat narrow in form.



SELF-FERTILE | ZONE 4 | HARVEST: MID-SUMMER

238-0982

2 year old plant

\$15.95 EACH

• RED JOSTABERRY

Another interesting variation on the gooseberry theme. Very similar to the Black Jostaberry - the deep, dark red berries are a tad milder. According to some sources the Red Jostaberry bush is the more productive one. Offset the reds and blacks for an effective and functional fruiting hedge.

SELF-FERTILE | ZONE 4 | HARVEST: MID-SUMMER

238-6982

2 year old plant

\$15.95 EACH

> Currants (*Ribes* spp)

These shade tolerant bushes produce an abundance of nutrient packed berries that are especially high in vitamin C. When eaten fresh, black currants have a very pungent and distinctive flavour that is definitely an acquired taste but they make the most delicious jams. The red, pink, and white varieties are much milder tasting.



Clove Currants

• CRANDALL

North American black currants are also known as buffalo or clove currants. Of these, Crandall is recognized as the sweetest berry and the most ornamental bush. It is noted for the unmistakable clove and vanilla fragrance of its yellow trumpet shaped flowers in early spring. Crandall's large, glossy berries are less pungent and sweeter than those of its European cousins and make milder jam, syrup or raisins. This Kansas native will tolerate hot, dry conditions better than most currants. The spreading (4 - 5 feet) bush is rust resistant and features brilliant red and yellow fall foliage. Plant (3 feet) apart for an ideal edible hedge.

SELF-FERTILE | **ZONE 2/3** | **HARVEST: LATE JULY - EARLY AUGUST**
211-2982 2 year old plant **\$15.95 EACH**

Black Currants

• BEN SAREK

A newer variety developed in Scotland, Ben Sarek bears consistent high yields of large berries that make excellent jams and jellies. This dense bush is more compact than most currants only reaching 0.5 - 1 meters (2 - 3 ft) in height and width. It is also quite resistant to rust and very mildew and leaf spot resistant. Makes a very desirable landscaping shrub for rather shady areas.



SELF-FERTILE | **ZONE 3** | **HARVEST: LATE JULY - EARLY AUGUST**
211-1282 2 year old plant **\$15.95 EACH**

• BLACKDOWN **NEW**

This popular English variety is a larger, spreading bush known for large firm berries, which according to some sources, is the best black currant for fresh eating. Very productive and mildew resistant. Juicy, jet black berries are easy to pick and ripen slightly later than Ben Sarek.

SELF-FERTILE | **ZONE 3** | **HARVEST: EARLY - MID AUGUST**
211-1482 2 year old plant **\$15.95 EACH**

Red Currants

• JONKHEER VAN TETS

A leading Dutch variety, it is considered by some to be the best flavoured of all red currants! Heavy crops of large, dark red berries are easy to pick. Early blooming makes it more susceptible to late frosts, so site selection is important. With a spreading growth habit it is ideal to train on a cordon or as an espalier plant. This mildew and aphid resistant variety does best out of the hot sun.

SELF-FERTILE | **ZONE 3** | **HARVEST: EARLY JULY**
211-5882 2 yr old plant **\$15.95 EACH**

• RED LAKE

One of the best red currant varieties, it bears long strands of large, juicy red fruits that hold well on the bushes. Great for jellies and preserves. Strong vigorous upright bush with dense foliage. Red Lake makes an excellent hedge.

SELF-FERTILE | **ZONE 3** | **HARVEST: LATE JULY**
211-7782 2 yr old plant **\$15.95 EACH**

• ROVADA

A late blooming variety developed in the Netherlands, it has become the leading commercial variety in Europe. Exceptionally long strands of good sized translucent red berries are very easy to pick. Great for jams and jellies as well as fresh eating. Superior disease resistance.



SELF-FERTILE | **ZONE 3** | **HARVEST: EARLY - MID AUGUST**
211-7882 2 yr old plant **\$15.95 EACH**

Pink Currants

• GLOIRE DE SABLONS

Enhance your garden with this attractive shrub adorned with long elegant strands of translucent pink currants. Mild, but tangy flavour makes this French heirloom variety versatile for all uses. Highly desirable for decorating desserts. Productive and disease resistant.

SELF-FERTILE | **ZONE 3** | **HARVEST: LATE JULY - EARLY AUGUST**
211-4082 2 yr old plant **\$15.95 EACH**

• PINK CHAMPAGNE

A very old, hard to find variety that produces large clusters of light pink berries on a compact bush. Still considered by many to be the best flavoured of all currants, it is great for fresh eating as well as cooking or preserving. Disease resistant and hardy.

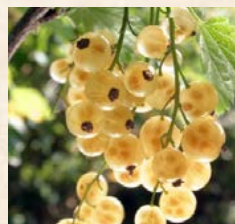
SELF-FERTILE | **ZONE 3** | **HARVEST: LATE JULY - EARLY AUGUST**
211-6882 2 yr old plant **\$15.95 EACH**



White Currants

• BLANKA

A noteworthy newer variety from Slovakia, Blanka features good disease resistance and high yields of very large, juicy, translucent berries. Additional qualities include extra high sugar content and good shelf life, as well as late blooming to avoid spring frosts. Ripens 3-4 weeks after Jonkheer Van Tets.



SELF-FERTILE | **ZONE 3** | **HARVEST: EARLY AUGUST**
211-1782 2 yr old plant **\$15.95 EACH**

• PRIMUS

Another Slovakian selection, Primus has a well deserved reputation for being the sweetest flavoured of all currants, with exceptionally high vitamin C content. Compact bushes with reddish leaves will bear up to 20 pounds of creamy white berries.

SELF-FERTILE | **ZONE 3** | **HARVEST: LATE JULY - EARLY AUGUST**
211-6982 2 yr old plant **\$15.95 EACH**

>Haskaps

(*Lonicera caerulea* var. *edulis*)



An attractive hardy bush, haskaps are the earliest berries to ripen. At first glance haskaps look like oddly shaped blueberries. Some consider the fruit to taste like a mix of blueberry and raspberry while other will disagree, arguing that the distinct sweet-tart flavour is difficult to pinpoint. Haskaps are very disease and pest resistant. Loaded with vitamin C and antioxidants, haskaps are an unusual and unique berry perfect for our cold climate.

Choose from the best selections out of the haskap breeding program at the University of Saskatchewan.

LISTED IN APPROXIMATE ORDER OF RIPENING.

• INDIGO GEM

Indigo Gem has slightly smaller berries with a unique, chewy texture that is preferred by some customers. It will also retain its shape better when cooked or processed. Tidy, upright growing bush has bountiful crops of berries which are sweet with a bit of zing.



PLANT WITH AURORA | ZONE 2 | HARVEST: EARLY

228-4593 2 gallon pot PICKUP ONLY

\$21.95 EACH

• BOREALIS

Borealis produces a high yield of very large berries that have excellent flavour but are less firm making them a better choice for a u-pick or backyard enthusiasts. Borealis is great for eating fresh.

PLANT WITH AURORA | ZONE 2 | HARVEST: EARLY

228-2492 30-45cm (12-18") plant
228-2493 2 gallon pot PICKUP ONLY

\$15.95 EACH

\$21.95 EACH

• TUNDRA

Because of its very firm berries, Tundra is the best choice for commercial production as it can handle mechanical harvesting. Tundra produces high yields of large oval shaped berries that have a sweet and tangy flavour.



PLANT WITH AURORA | ZONE 2 | HARVEST: EARLY

228-8392 30-45cm (12-18") plant
228-8393 2 gallon pot PICKUP ONLY

\$15.95 EACH

\$21.95 EACH

We have limited quantities of the following varieties available. They will cross-pollinate with Aurora or any of the earlier varieties.

• BLUE MOOSE NEW

NEEDS A POLLINIZER | ZONE 2 | HARVEST: EARLY

228-0991 15-30cm (6-12") plug

\$11.95 EACH

• HAPPY GIANT NEW

NEEDS A POLLINIZER | ZONE 2 | HARVEST: EARLY

228-4191 15-30cm (6-12") plug

\$11.95 EACH



NOTE: Although Haskaps are extremely hardy, they do seem to take more time to establish than most young plants. Since first year growth it rather slow, it is especially critical to maintain moisture levels and keep weed competition under control.

• AURORA

This introduction of Aurora in 2013 was a major breakthrough for the haskap industry as it eliminated the need for a poorly flavoured pollenizer such as Berry Blue. It also had the largest fruit size at that time, but most important of all - great flavour which was as good or better than that of any haskap. Even with the appearance of exciting new varieties, we expect Aurora to remain popular for a long time. Vigorous, high producing plants mature at 1.5-2m (5-6ft) high and wide.

PLANT WITH BOREALIS, INDIGO GEM OR TUNDRA

| ZONE 2 | HARVEST: EARLY-MID

228-0191 15-30cm (6-12") plug

\$9.95 EACH

228-0192 30-45cm (12-18") plant

\$16.95 EACH

228-0193 2 gallon pot PICKUP ONLY

\$23.95 EACH



• BOREAL BLIZZARD NEW

The eagerly anticipated new Blizzard is now available. It boasts the largest, meatiest berry to come out of the U of SK program to date. Boreal Blizzard also has excellent flavour, most similar to Aurora to which it is closely related, however both blooming and ripening times are somewhat later. Although any of the other varieties should work for cross pollination, the new 'Boreal Beauty' is best suited for bloom time overlap.

PLANT WITH BOREAL BEAUTY | ZONE 2 | HARVEST: MID

228-2391 15-30cm (6-12") plug

\$11.95 EACH

• BOREAL BEAUTY NEW

The 'Beauty' of this delicious new variety is that it can extend your haskap season by several weeks. Big, burly berries are very firm and almost as heavy as the Blizzards. The bushes are strong, upright growers, showing no signs of mildew and are extremely productive.

PLANT WITH BOREAL BLIZZARD | ZONE 2 | HARVEST: LATE

228-2291 15-30cm (6-12") plug

\$11.95 EACH

QUESTIONS FOR FARMERS

Have you got your wood cut and piled up for next summer?

- Examined your bees? Got your buckets ready for making sugar - and spouts for tapping trees? Drawn your logs to the sawmill? Racked off your cider - and bunged your casks tight? Put your hams in the smoke house? Threshed out all your grain? Assorted your potatoes in the cellar? Felled your trees for rails? Collected your scions for grafting in the spring? Repaired your carts, ploughs and harrows? Settled with all your mechanics? Dressed out your flax? Taken a load of wood to the poor? - If you have done all these things, you have done well.

- from *The Genessee Farmer*, 1831

> Saskatoons (*Amelanchier alnifolia*)



This prairie native shrugs off harsh, sub-zero winters and comes back with its silvery leaves and spectacular white flowers followed by heavy berry crops. The sweet, purple almond-flavoured berries make an absolutely delicious pie. Plant a hedge row along the windward side of your orchard or vineyard and do two things at once: provide protection for more tender plants and lure birds away from your main crop. Attractive fall foliage is an added bonus.

Saskatoons are probably the simplest of all berries to grow. Unlike blueberries they take whatever soil you've got without complaining. They do respond well to added fertility. Mulching with compost is definitely beneficial.



Saskatoons in bloom

• LEE 8

This newer variety is a Northline x Thiessen cross with exceptional flavour. Lee 8 is slower growing, send up few suckers and makes a compact, attractive 1.5 - 1.8 meter (5 - 6 foot) shrub. Its your obvious choice to include in landscaping projects.

SEMI-FERTILE* | ZONE 2 | HARVEST: EARLY SUMMER

270-3591 15-30cm (6-12") plug \$8.95 EACH

• MARTIN

One of the largest berry sizes with excellent flavour. It ripens very uniformly and quite early. A large shrub, it matures at 3 - 4.2 meters (10 - 14 feet) in height and has moderate suckering.

SEMI-FERTILE* | ZONE 2 | HARVEST: EARLY SUMMER

270-4591 15-30cm (6-12") plug \$8.95 EACH
270-4592 30-45cm (12-18") plant \$15.95 EACH

• NORTHLINE

Northline has become one of the most popular commercial varieties with its high yields of great flavoured, good sized berries. Flowering and fruiting is slightly later than Martin. Height at maturity is up to 3 meters (10 feet) with an arching-spreading form. It has a high degree of suckering making it ideal for windbreak hedges.

SEMI-FERTILE* | ZONE 2 | HARVEST: EARLY SUMMER

270-5591 15-30cm (6-12") plug \$8.95 EACH
270-5592 30-45cm (12-18") plant \$15.95 EACH
270-5593 2 gallon pot PICKUP ONLY \$21.95 EACH

> Blueberries (*Vaccinium spp*)

How can you go wrong? Blueberries are exceptionally nutritious and delicious! They are ideal for eating fresh, baking and freezing. The plants themselves are exceedingly ornamental, bringing excitement and colour to the landscape throughout the seasons.

LISTED IN APPROXIMATE ORDER OF RIPENING.

Early Season High Bush

(*Vaccinium corybosum*)

• DUKE

A popular early season variety with very good hardiness and productivity. Attractive medium to large, light blue berries have sweet, mild flavour. Duke blooms late but ripens early which protects blossoms from spring frosts. Stocky, upright 1.2 - 1.8 meter (4 - 6 foot) tall bushes have yellow-orange foliage in fall. Tidy looking shrub is one of the best for landscaping.

SELF-FERTILE | ZONE 4 | HARVEST: EARLY

206-2182 2 year old plant \$14.95 EACH
206-2184 3 gallon pot PICKUP ONLY \$26.95 EACH

• REKA

This early season selection from New Zealand is proving to be one of the fastest growing and most adaptable of all the varieties. It thrives in a wide range of soil types and northern climates. However, it is the exceptional, aromatic flavour of this attractive, dark blue, mid-sized berry that is really creating high demand! 1.2 - 1.8 M (4 - 6') tall bushes are extremely productive and boast burgundy / red fall foliage.

SELF-FERTILE | ZONE 4 | HARVEST: EARLY

206-6582 2 year old plant \$14.95 EACH



Mid-Season High Bush

(*Vaccinium corybosum*)

• BLUERAY

A mid-season variety with much to offer, Blueray is one of the finest dessert berries. Large, dark blue berries have a subtle tinge of wild blueberry in the outstanding, aromatic, sweet flavour. Excellent choice for gardeners or U-pick. Vigorous, slender, multi-stemmed 1.2 - 1.8 M (4 - 6') tall bush is very productive and winter hardy. Stunning rosy pink flowers turn bright white when in full bloom. Waxy green leaves are brilliant red in the fall.

SELF-FERTILE | ZONE 3/4 | HARVEST: EARLY-MID

206-0982 2 year old plant \$14.95 EACH



• DRAPER **NEW**

In recent years Draper has overtaken Bluecrop to become the most popular and widely planted variety of all for home gardeners, U-picks as well as commercial growers. Although not quite as winter hardy it is prized for heavy yields of very firm, somewhat crispy, fine flavoured fruit of the highest quality. In addition, it is easy to pick, ripe berries will remain hanging with no quality loss and it stores exceptionally well. Ripens early mid-season.



SELF-FERTILE | ZONE 5 | HARVEST: EARLY-MID

206-2082 2 year old plant \$14.95 EACH

206-2084 3 gallon pot PICKUP ONLY \$26.95 EACH

• NELSON **NEW**

Hardy and dependable, Nelson is a Bluecrop x Berkeley cross with consistent high yields of approx. 7 kg per plant. Large, firm, dark blue berries are very highly rated for flavour and hang in loose clusters for ease of picking. Vigorous, upright 1.8 m (6 ft) tall bush features particularly vibrant crimson foliage in fall. Ripens late mid season.

SELF-FERTILE | ZONE 3/4 | HARVEST: MID-LATE

206-4982 2 year old plant \$14.95 EACH

Late Season High Bush

(Vaccinium corybosum)

• JERSEY

An heirloom classic, this late season variety is easy to grow and a consistent heavy producer. Small to mid-size berries have a distinctive, spicy, old-time flavour making it a favorite baking berry. Fruit ripens from late August to first frost. The 1.8 - 2.4 meter (6 - 8 foot) tall bush is well shaped for landscaping or hedge applications.

SELF-FERTILE | ZONE 3/4 | HARVEST: MID-LATE

206-3782 2 year old plant \$14.95 EACH

206-3784 3 gallon pots PICKUP ONLY \$26.95 EACH

• ARLEN **NEW**

We have selected Arlen as our latest ripening variety. Like Aurora and Elliot it can extend your harvest well into September, however Arlen offers a much sweeter berry. Very firm, fine flavoured, medium to large fruit has long shelf life. Ideal for both fresh use or freezing. Vigorous upright bush matures at 1.5-1.8 m (5-6 ft).

SELF-FERTILE | ZONE 4/5 | HARVEST: LATE

206-0182 2 year old plant \$14.95 EACH

206-0184 3 gallon pots PICKUP ONLY \$26.95 EACH



Hardy Half-High

(Vaccinium corybosum x vaccinium angustifolium)

• CHIPPEWA **NEW**

Crossing low bush blueberries with high bush adds significant cold hardiness with Chippewa handling -40°C winters. Medium-large, high-quality, sky blue berries are firm and very sweet with average yields of approx. 3 kgs per plant. Chippewa makes a great landscaping bush with a compact, upright 1 m (3 ft) form. Lustrous, dark green foliage turns bright red in fall. Ripens in early mid season.

SELF-FERTILE | ZONE 3 | HARVEST: EARLY-MID

206-1682 2 year old plant \$14.95 EACH

Edible Ornamentals

(Vaccinium corybosum x vaccinium angustifolium)

• TOP HAT

Most blueberry plants lend themselves well to container growing, especially the half-height and low bush varieties. In many areas the soil must be amended with peat moss before planting blueberries so why not just grow these popular bushes in a pot!

What makes Top Hat such a highly sought after variety is its dense, compact and spherical shape. Imagine a shrub that outclasses most ornamental landscaping plants, and at the same time provides you with generous amounts of large, flavourful berries to garnish your breakfast cereal, add to fruit smoothies or to bake a batch of nutritious blueberry muffins!

This globe-shaped shrub reaches no more than 0.5 meters (2 feet) tall and is covered with profuse blooms in spring.

SELF-FERTILE | ZONE 4 | HARVEST: MID-SEASON

206-8082 2 year old plant 1 gallon pot \$14.95 EACH

206-8083 2 gallon pot PICKUP ONLY \$20.95 EACH



Growing Tip - Raised Beds

Raised beds are a perfect solution for growing blueberries, lingonberries or even cranberries just about anywhere, even if the ideal soil conditions don't exist. Their naturally shallow root systems make this viable. We suggest digging a trench several inches deep and about 2 - 3 ft wide, then putting down lots of wet sphagnum peat moss mixed with the top soil you removed around your new plants as you plant them.

- For Highbush blueberries we recommend 25 - 30 cm (10 - 12") of peat moss

- For Lowbush blueberries and lingonberries 15 - 20 cm (6 - 8") will do.

Covering the peat moss mix with about 10 - 12 cm (4 - 5") of wood chips or pine needles for mulch helps preserve the moisture. For extra weed control you can even put down a sheet of landscaping fabric in the trench before filling in with your peat moss mix.

Note: If you live in a region that naturally has very acidic soil, you can just stick them in the ground and away you go.

Fruiting Groundcovers

Fruiting ground covers are another great example of 'value-added landscaping.' Those nooks and crannies have the potential of adding to the amazing diversity of nutritious food you can grow at home.

Unless your soil is naturally very acidic, your ground cover plants will benefit greatly from annual applications of **Blueberry Booster** (see p. 53). Unlike aluminum sulphate, it is gentle and beneficial with no risk of overdose.

Very Hardy Low Bush

(*Vaccinium angustifolium*)

• BRUNSWICK

Originally from Nova Scotia, Brunswick is a super hardy mid-season variety which produces an abundance of small sky-blue berries with classic, spicy, wild flavour. At only 30 - 45 cm (12 - 18") high, Brunswick forms an excellent dense ground cover with glossy green leaves changing to crimson and orange fall colours. Also works well as a container plant.

SELF-FERTILE | ZONE 3 | HARVEST: EARLY-MID

206-1182 1 gallon pot

\$12.95 EACH

• RUBY CARPET

A lowbush selection from the state of Maine, Ruby Carpet only grows 10 - 15 cm (4 - 6") high and spreads outward. It was named for its breathtaking autumn foliage - a deep, almost fluorescent red. Summer foliage is a lustrous dark green. Profuse white spring blossoms turn into dainty dark blue berries with that wonderful wild berry flavour. If the soil is reasonably acidic, it can tolerate fairly dry conditions. Ideal for around or under pine trees.



SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

206-7182 1 gallon pot

\$12.95 EACH

• WINTERGREEN

(*Gaultheria procumbens*)

This slowly spreading ground cover grows only 8 - 12 cm (3 - 5") high. It has dainty white bell-shaped flowers in early summer and bright red edible berries that will remain on the plant all winter. Wintergreen (as the name implies) is an attractive evergreen with bright green foliage that is lustrous, leathery and aromatic. The leaves are often used for flavouring or brewed into tea rumored to be beneficial in cases of rheumatism, inflammation and headaches. An ideal site for wintergreen is beneath evergreen trees. It enjoys the same acidic soil conditions as blueberries do.



SELF-FERTILE | ZONE 3 | HARVEST: LATE

249-8181 8cm (3") pot

\$9.95 EACH

>Lingonberries

(*Vaccinium vitis-idaea majus*)

Here's another plant that we here in North America are just beginning to appreciate. Scandinavians, on the other hand, have been harvesting these highly nutritious berries by the tonne for many centuries. With bright red, pea-sized fruits against a backdrop of lush, glossy green leaves, they also make a feast for the eyes. An added bonus is that the leaves retain their rich green colour all winter long. Lingonberries make superb jam especially when combined with rosehips. The ones that didn't get eaten fresh are just the ticket in meat stews, sauces, juices and wine.

These plants require very well drained, acidic soil, even more so than most blueberries. In fact, with regular watering they do well in pure peat moss. Because lingonberries hail from northern regions, they do best in partial shade in warmer zones. Inter-plant with low-bush blueberries for a truly impressive ground cover.

• BALSARD

A preferred commercial variety from the Swedish University of Agriculture, it is noted for heavy crops of large, red, flavourful berries. Plant height is about 30-35 cm (12-14") at maturity.

SELF-FERTILE | ZONE 3 | HARVEST: LATE

248-1081 8cm (3") pot (small plant)



\$8.95 EACH

• ERNTESEGEN

In Germany, where Erntesegeen originated from, it's name means "harvest blessing". It is noted as one of the top producing commercial varieties with glossy, dark green leaves and large, crimson red berries. Mature plant height is approx 30 - 35 cm (12 - 14"). Space plants 30 - 40 cm (12 - 16") apart to form a solid row.

SELF-FERTILE | ZONE 3 | HARVEST: LATE

248-2581 8cm (3") pot (small plant)

\$8.95 EACH



• KORALLE NEW

Koralle is a hardy, high yielding variety from West Germany. Excellent quality berries are slightly smaller. Harvest after first frost.

SELF-FERTILE | ZONE 2/3 | HARVEST: LATE

248-4082 1 gallon pot (large plant)

\$15.95 EACH

> American Low Bush Cranberries (*Vaccinium macrocarpon*)

These low spreading plants produce the traditional or true cranberries found in grocery stores. Also known as bog cranberries, they require rather exacting conditions for commercial production. However, they will produce quite well for the home gardener in moist, acidic, peat moss types of soil. With its delicate evergreen leaves and small pink flowers on a thick mat of slender vines, it makes an attractive ground cover about 20 - 25 cm (8 - 10 inches) high. They are second only to blueberries in anti-aging, disease fighting antioxidants.

• BEN LEAR CRANBERRY

Medium to large deep red berries. This Wisconsin selection is a good producer and ripens earlier than most. Low bush cranberries should be covered or mulched to overwinter, similar to strawberries.

SELF-FERTILE | ZONE 3 | HARVEST: LATE
210-1481 8cm (3") pot (small plant)



\$8.95 EACH

• PILGRIM CRANBERRY

The brightest red and largest fruiting variety. Berry size can be larger than a nickel and are later ripening.

SELF-FERTILE | ZONE 4 | HARVEST: LATE
210-4481 8cm (3") pot (small plant)



\$8.95 EACH

> Specialty Strawberries

• WONDERFUL PINEBERRY

(*Fragaria chiloensis* x *virginiana*)

Demand is strong for this 'wonderful' new variety. Attractive white berries accented with holiday red seeds add an intriguing dimension to any fruit salad. The pineberry part of the name refers to the delicious pineapple flavour that distinguishes this sweet, aromatic berry. Firm, medium-sized fruit from a hardy, everbearing plant that you can easily tuck into your flowerbed or use as a ground cover. Also ideal for hanging pots as it produces few runners.



SELF-FERTILE | ZONE 4 | HARVEST: MID TO LATE SEASON
273-7081 8cm (3") pot (small plant) \$3.95 EACH
273-7082 1 gallon pot \$9.95 EACH

• MARA DES BOIS

This new French everbearing berry is noted for exceptional flavour and delightful fragrance. The small to medium-sized berries ripen to an attractive glossy orange-red colour throughout the summer and fall. Plant spacing in a row should be 30 - 60 cm (12 - 24").

SELF-FERTILE | ZONE 4 | HARVEST: SUMMER - FALL
273-3081 bare root plant \$1.95 EACH

• AC ROSALYNE

A hardy everbearing variety with exquisite pink flowers producing dainty fruit with real strawberry flavour from mid-summer into the fall. Great for hanging baskets or rock gardens.



SELF-FERTILE | ZONE 4 | HARVEST: SUMMER - FALL
273-5081 bare root plant \$1.95 EACH

> Raspberries (*Rubus idaeus*)



Raspberry canes belong to a plant family known as "brambles". The flavourful, thimble-shaped berries are very nutritious and come in an interesting array of colours. Quite easy to grow, but highly perishable, they are one of the most expensive fruits to buy. So, the best way to have an abundance of raspberries is to grow them yourself!

LISTED IN APPROXIMATE ORDER OF RIPENING.

Red Raspberries (Summer Bearing)

Summer bearing varieties produce fruit on second-year canes which are usually pruned out after summer harvest.



• BOYNE

An early-mid season variety that has stood the test of time. Trouble-free, vigorous, sturdy canes are very productive and will virtually choke out the weeds! Mid-sized berries are tender and juicy, have great flavour and cohesion and are ideally suited for both fresh use and freezing. Developed in Manitoba in 1960, it has all the winter hardiness you could ask for!

SELF-FERTILE | ZONE 2/3 | HARVEST: EARLY SUMMER
265-0582 2 yr old canes \$3.95 EACH
265-0525 bundle of 25 canes \$59.95 BUNDLE

• AAC EDEN

The most exciting new raspberry variety to come along in quite some time, Eden looks extremely promising right across the board! Massive berries which are firm and easy to pick, have excellent flavour, superior shelf life, good winter hardiness and last but not least, the canes are practically thornless. A real winner for both commercial and home garden settings.

SELF-FERTILE | ZONE 3/4 | HARVEST: MID-SUMMER
265-1082 2 yr old canes \$4.95 EACH
265-1025 bundle of 25 canes \$74.95 BUNDLE

• ENCORE

The latest summer fruiting variety. Encore is becoming quite popular for its very large firm berries with great flavour. Sturdy, upright canes are less thorny with excellent winter hardiness and disease resistance. A good choice for U-pick.

SELF-FERTILE | ZONE 4 | HARVEST: LATE SUMMER
265-1182 2 yr old canes \$3.95 EACH
265-1125 bundle of 25 canes \$69.95 BUNDLE

Red Raspberries (Fall Bearing)

Fall bearing varieties produce fruit on first year canes and are usually mowed in the spring to produce a large fall crop.

• PATHFINDER

An early extra hardy everbearing type for colder locations, it has been described as having a sweet, unusual, 'wild woodsy' flavour. Firm, medium-sized berries are borne on sturdy 1.2 meter (4 foot) canes that require no staking. Moderate yields but great disease resistance.

SELF-FERTILE | ZONE 3 | HARVEST: EARLY FALL

265-8082 2 yr old canes **\$3.95 EACH**
265-8025 bundle of 25 canes **\$59.95 BUNDLE**

• POLKA

This Polish primocane variety is earning respect from growers everywhere with top yields of large, very firm, attractive berries. Rich, full-flavoured fruit keeps customers coming back. Less thorns means easier picking. Polka works well in either back yards or high tunnel production.

SELF-FERTILE | ZONE 4 | HARVEST: MID FALL

265-8182 2 yr old canes **\$3.95 EACH**
265-8125 bundle of 25 canes **\$64.95 BUNDLE**

• BP-1 NEW

An exciting new variety developed by the Berry Plant Company in Italy (so we have them to blame for the uninspiring name). Growers are impressed with the tremendous yields of high quality fruit. Large, firm berries are lighter in colour than Polka, but the rich, luscious flavour is considered to be the best of any red raspberry. BP-1 is a primocane (everbearing) variety but is also capable of producing early summer crop.

SELF-FERTILE | ZONE 4 | HARVEST: MID FALL

265-5282 2 yr old canes **\$4.95 EACH**
265-5225 bundle of 25 canes **\$74.95 BUNDLE**

Yellow Raspberries (Fall Bearing)



• ANNE

Widely known as the best yellow variety, Anne is an early ripening, fall-bearing raspberry. Very large, firm, lemon-yellow berries have exceptional sweet flavour with delicious banana overtones. Tall upright plants sucker sparsely requiring higher planting density.

SELF-FERTILE | ZONE 4 | HARVEST: MID FALL

266-5082 2 yr old canes **\$5.95 EACH**
266-5025 bundle of 25 canes **\$89.95 BUNDLE**

The world is full of willing people; some willing to work, the rest willing to let them.

- Robert Frost

Black Raspberries (*Rubus occidentalis*)



Amazing health benefits for consumers and marketing benefits for the grower make this berry a must-consider option for your garden or operation. Scientists have discovered that black raspberries contain 11% higher levels of antioxidants than blueberries, and 40% more than strawberries. With their exquisite flavour, eaten fresh or processed, they should be called the black truffles of berries!

LISTED IN APPROXIMATE ORDER OF RIPENING.

Black Raspberries (Summer Bearing)

• MUNGER

Developed in Ohio, Munger is a popular choice for commercial farmers and home gardeners alike. A very cold hardy variety that produces large, firm berries that have fewer seeds than other black raspberries. Its delicious sweet flavour is excellent for preserves. Munger's stout canes seem to be more resistant to fungal diseases than other raspberries. According to some sources Munger and Bristol are one and the same variety.

SELF-FERTILE | ZONE 4 | HARVEST: MID SUMMER

266-1682 2 yr old canes **\$8.95 EACH**
266-1625 bundle of 25 canes **\$129.95 BUNDLE**

• PEQUOT LAKES

Developed by Jim Fruth of Pequot Lakes, Minnesota, it ranks right up there with the very hardiest raspberries. Large, flavourful, juicy berries ripen over a three week period in July.

SELF-FERTILE | ZONE 3 | HARVEST: MID

266-2782 2 yr old canes **\$8.95 EACH**
266-2725 bundle of 25 canes **\$129.95 BUNDLE**



• JEWEL

Perhaps the most common of black raspberry varieties and also considered the most disease resistant. Large to very large, firm, glossy black berries have fine, rich raspberry flavour. Vigorous and very productive canes have good cold hardiness. Early to mid-season ripening.

SELF-FERTILE | ZONE 4 | HARVEST: MID SUMMER

266-1082 2 yr old canes **\$7.95 EACH**
266-1025 bundle of 25 canes **\$109.95 BUNDLE**

Black Raspberries (Fall Bearing)

• OHIO'S TREASURE NEW

A new primocone (everbearing) variety from Wilmington, Ohio that majors on flavour and hardiness, this 'Treasure' shares its bounty from late August until mid October (or killing frost). Both the rich, pleasant, raspberry taste and the firm quality of the medium sized berries make them ideal for local farm markets.

SELF-FERTILE | ZONE 3/4 | HARVEST: EARLY FALL

266-2382 2 yr old canes **\$8.95 EACH**
266-2325 bundle of 25 canes **\$129.95 BUNDLE**

Black raspberries (Continued)

• NIWOT

Pete Tallman of Niwot, Colorado spent years trying to develop a hardy, black primocane raspberry, so upon finally succeeding he named his new variety after his hometown. Niwot is also being marketed under the name 'Sweet Repeat'. It's large, attractive, shiny berries have smaller seeds than most, and a pleasing flavour that is slightly milder than Jewel. Niwot will produce fruit from late August until frost and has respectable winter hardiness. Vigorous, highly productive canes will benefit from trellising and should be spaced 1 - 1.2 meters (3 - 4 feet) apart. Order early - quantities are limited!



SELF-FERTILE | ZONE 4 | HARVEST: EARLY FALL

266-2083 3 yr old canes \$11.95 EACH REDUCED \$9.95 EACH

266-2025 bundle of 25 canes \$199.95 REDUCED \$129.95 BUNDLE

Purple Raspberries (*Rubus neglectus*)

Purple raspberries are hybrid crosses of black and red raspberries. Both in fruit flavour and plant habits they show more of the 'black' influence.

• ROYALTY

Late, summer bearing selection is considered the best purple berry for fresh eating. Very large, firm berries can be picked when red, but will develop sweeter, more intense flavour when fully ripe at the royal purple stage. This disease resistant red x black raspberry cross is also ideal for jam, jelly and freezing. The vigorous, thorny canes are very productive, but non-suckering, like a black raspberry.

SELF-FERTILE | ZONE 4 | HARVEST: LATE SUMMER

266-4582 2 yr old canes \$5.95 EACH

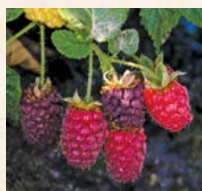
266-4525 bundle of 25 canes \$84.95 BUNDLE

Black Raspberry Cross

• TAYBERRIES

(*Rubus fruticosus* x *R. idaeus*)

A Loganberry and black raspberry cross developed in Scotland where it was named after the Tay River. The juicy, cone-shaped deep wine-red fruit can be up to 4 cm (1.5 inches) long and are packed with intense raspberry flavour. Makes wonderful jams, pies and wines. High in Vitamin C and bioflavonoids and a good source of folate and fiber. Vigorous, very prickly vines grow 1.8 - 2 meters (6 - 7 feet) tall and require trellising. Best suited for a sunny, sheltered spot like a south facing wall.



SELF-FERTILE | ZONE 5 | HARVEST: LATE SUMMER

205-4582 2 yr old canes \$9.95 EACH

Pruning Tip

Tipping or tip pruning is highly recommended for black and purple raspberry canes. As the primocanes (first year canes) reach 90 - 120cm (3 - 4 ft), pinch or cut 8 - 15cm (3 - 6") off the tips to force branches to develop. Tipping will delay, but prolong, the harvest, increase yield and reduce arching of the canes and tip rooting. Pruning later in the season decreases the amount of time the plant will have to develop the branches. Not pruning the primocanes will allow earlier ripening than the tip-pruning option, however the canes will become tall and arching, and will develop fewer berries.

> Blackberries

(*Rubus fruticosus*)



Although wild blackberries are common they tend to be small and seedy. Of the numerous cultivated varieties that have been developed, only a few will tolerate our Canadian winters. All blackberries adore intense sun, heat and humidity, so even though we offer the hardest varieties, they desire a sunny site and will benefit from winter protection.

• BALSOR HARDY BLACK

The Balsor family in Kings, Nova Scotia have been cultivating this variety for most of a century. Bob Osborne says it is the only blackberry which is completely hardy in their New Brunswick climate. Mid-sized berries are firm, savoury and sweet, ripening over an extended time period. Vigorous, productive and very thorny.

SELF-FERTILE | ZONE 3/4 | HARVEST: EARLY - MID SUMMER

205-0382 2 yr old canes

\$8.95 EACH

• ILLINY HARDY

Quite thorny, but also the most winter hardy. Mid-size, shiny, attractive fruit has intense, but distinctive flavour with a hint of wild blackberry. Productive canes are vigorous and erect with good disease resistance.

SELF-FERTILE | ZONE 4 | HARVEST: MID-SUMMER

205-1082 2 yr old canes

\$8.95 EACH

Thornless Blackberries

• CHESTER

Considered to be one of the most winter hardy and productive thornless varieties available, Chester produces large, very sweet, high quality berries with great flavour. Excellent for fresh use, jams, jellies and baking. The vigorous semi-trailing plant can grow canes up to 3.5 meters (12 feet) long so it benefits from trellising. Shows good resistance to cane blight.



SELF-FERTILE | ZONE 4/5 | HARVEST: LATE SUMMER

205-0782 2 yr old canes

\$8.95 EACH

• TRIPLE CROWN

Named for excelling in three categories - flavour, productivity and vigour. Very large berries with superb flavour are borne on rugged thornless canes which can reach up to 4.5 m (15 ft) long. Give it a trellis against a south facing wall. Ripens between Arapahoe and Chester.

SELF-FERTILE | ZONE 5 | HARVEST: MID-SUMMER

205-4682 2 yr old canes

\$8.95 EACH



• PRIME ARK® FREEDOM

The world's first thornless primocane-fruited blackberry! Prime Ark® Freedom is a new introduction from the University of Arkansas. Freedom's huge early-ripening berries with their exceptionally rich flavour make it the ideal choice for the home gardener. It also shows unrivaled commercial potential for local markets including pick-your-own settings. If you have ever considered growing berries in a high tunnel you won't want to miss this one.



SELF-FERTILE | **ZONE 4/5** | **HARVEST: EARLY-LATE FALL**
205-3183 **3 yr old canes** **\$11.95-EACH** **REDUCED \$9.95 EACH**

Pruning Tip

Fall-bearing or **primocane** blackberries (**Prime Ark® Freedom**) respond favorably to tipping! As the primocanes reach 30-40 cm (12-15") in height, break or cut 2-2.5 cm (3/4-1") off the tip of each cane to force the plant into branching. The second tipping should be performed as the branches reach 75 cm (30"), again breaking or cutting 2-2.5 cm (3/4-1") off all the tips. The tips are tender and may be pinched between your thumbnail and a finger or use pruning shears. This process stimulates earlier fruit development, keeps plant height in check for easier management and fruit harvest and also increase yield.

Blackberry Crosses (Thornless)

If you've got a really sheltered south-facing nook you'll want to try one of these highly-flavoured thornless brambles.

• BOYSENBERRY

A unique cross between a blackberry and a red raspberry. Soft, deep maroon berries are extra-large and almost seedless with a distinctive, rich and tangy full-bodied flavour, that is sought after by gourmets. Serve them fresh with whipped cream or bake into a scrumptious pie. The Thornless Boysenberry we offer is not as extremely vigorous and productive as the original thorny version of Boysenberry but it will still benefit from trellising. Ripens over a 2 month period for extended fresh eating.



SELF-FERTILE | **ZONE 5/6** | **HARVEST: MID - LATE SUMMER**
205-0482 **2 yr old canes** **\$9.95 EACH**

• LOGANBERRY

Discovered in California in the late 1800's, it is believed to be a cross of wild blackberry and red raspberry. Large, tender, dark red, elongated berries have their own uniquely delectable taste that is considered by many people to be second to none. Loganberry juice is highly regarded for its health boosting properties. Other uses include baking, freezing, preserves and wine besides fresh eating. The fruit ripens over an extended time period. Give the trailing canes a trellis and winter protection.



SELF-FERTILE | **ZONE 5/6** | **HARVEST: MID - LATE SUMMER**
205-1682 **2 yr old canes** **\$9.95 EACH**

Superfruits

Research continues to reinforce the fact that fruits contain a multitude of beneficial nutrients and should be a prominent part of the human diet. Although practically all fruits are good for your health, we have singled out the real superstars for special recognition.

→ Elderberries (Sambucus species)

Here is a plant that is finally getting the attention it deserves. It was designated as 'Herb of the Year' for 2013, but has been used medicinally for hundreds of years! Because this single plant has so many uses, it has been referred to by herbalists as 'Nature's Medicine Chest' and the 'Countryman's Apothecary'. Numerous new scientific studies are now verifying the benefits that previous generations have observed. Not only is elderberry juice extremely high in antioxidants (14,500 on the ORAC scale, compared with blackberries at 5347 or sweet cherries at 3365) the particular antioxidants found in elderberries have a proven antiviral effect. If your space is limited, this is the one plant we don't want you to be without! Fortunately it is also the easiest one to grow organically.

Although the humble elderberry is generally not considered a fresh eating fruit, it has multiple medicinal uses (both the flowers and the fruit) as well as baking, preserving and processing.

Choose from the new releases out of the University of Missouri or from the best of the European commercial cultivars.

Elderberry Varieties

NEW (from the University of Missouri)
(Sambucus canadensis)

• BOB GORDON

Introducing the new star performer! The enormous fruiting clusters with berries up to 1/4" invert downwards more than other varieties protecting the berries from birds. Extremely productive, with yields nearly triple that of older varieties! Berries are sweeter than most which makes it perfect for pies, jelly and wine. Vigorous shrubs grow to 10 feet tall with all blooms at once so it ripens for two pickings.



SEMI-FERTILE* | **ZONE 3** | **HARVEST: EARLY FALL**
216-1081 **8cm (3 1/4") pot** **\$10.95 EACH**

Elderberries (Continued)

• WYLDEWOOD

The runner-up to Bob Gordon in yields, this reliable and vigorous producer has a longer range of blooming time (as well as ripening). One advantage is that a late spring frost will never wipe out the whole crop. It is slightly more acidic, or has more of a 'wild' flavour which makes it preferable for juice, etc.

Mature height 2-2.7 m (7-9 ft)

SEMI-FERTILE* | ZONE 3 | HARVEST: EARLY FALL

216-7581

8cm (3¼") pot

\$10.95 EACH



• RANCH

Although all elderberry plants are hardy and adaptable, this Missouri selection seems to be the best choice for harsh, unforgiving sites with poor or depleted soil. Ranch is not as bushy as most other varieties but is quite stocky and upright with fruit clusters hanging from the middle to the top of the stem. Mature height 1.5-1.8m (5-6ft).

SEMI-FERTILE* | ZONE 3 | HARVEST: EARLY FALL

216-5581

8cm (3¼") pot

\$10.95 EACH



TOP PICKS FROM EUROPE (Sambucus nigra)

• HASCHBERG NEW

The leading commercial variety in Germany and Austria, Haschberg effectively combines the flavour and medicinal qualities of the wild European black elder with larger fruit and high production. Large clusters of deep blue-black berries grow on vigorous bushes which can reach 3m (10ft) or so at maturity. Creamy, white flowers have anti-inflammatory properties and can be battered or fried and eaten as a vegetable.

PLANT WITH KORSOR | ZONE 4 | HARVEST: EARLY FALL

216-1982

2yr old plant

\$15.95 EACH

• KORSOR NEW

This top producing, commercial variety from Denmark is recognized for exceptional nutraceutical (medicinal) qualities and immune-boosting properties. Masses of juicy bluish black berries are processed for juice and wine as well as baking and preserves. At 2.5-3m (8-10ft) tall Korsor is one of the most compact European elders and also makes a fine ornamental shrub.

PLANT WITH HASCHBERG | ZONE 4 | HARVEST: EARLY FALL

216-2782

2yr old plant

\$15.95 EACH

SEMI FERTILE* – means it will bear fruit if planted alone. It will usually bear more (and possibly larger) fruit if you plant a second (different) variety for cross-pollination.

>Aronia Berries

(Aronia Melanocarpa)



Native to North America, the Aronia berry (Aronia melanocarpa) is a tough, disease resistant shrub that boasts masses of white flowers in the spring, spectacular red leaves in the fall and bunches of small black berries that hang well into the winter. The berries are packed with antioxidants making it one of the best 'super fruits' with 58% more antioxidant content than blueberries and 90% more than cranberries. The fruit can be used to make jam, juice, wine and tea Aronia berries are incredibly easy to grow in almost any condition.

If you're looking for a crop to grow commercially, this one warrants a second look. In fact, it gets our vote as 'most likely to succeed'. Do a bit of research and you will notice how demand is building up from ingredient companies for use in powerbars and other healthy snack foods.

• MCKENZIE

Vigorous, productive and long-lived (25+ years) McKenzie can reach up to 3 meters (10 feet) in height. It adapts well to both understory or open site plantings.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

201-5052

30-60cm (1-2') plant

\$19.95 EACH

• VIKING

Commercial growers favour Viking for its high yields and consistent berry size. The flavour packed berries tend to be nearly twice the size of regular Aronias. The bush grows to about 2.5 meters (8 feet) in height.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

201-8082

30-60cm (1-2') plant

\$19.95 EACH

• DWARF ARONIA BERRY

An attractive compact shrub, dwarf aronias grow to only about 1 meter (3 feet) in height, making them desirable for landscaping applications.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

201-1582

30-60cm (1-2') plant

\$19.95 EACH



Fact About Aronia Berries



From Iowa State University: **One acre of land** can support **700 Aronia plants**, with an average yield of **20 lbs per plant**, producing a total of **14,000 lbs of fruit per year** per acre. The current market value for Aronia berries is \$1.00 to \$1.45 per lb.

>Sea Buckthorn

(*Hippophae Rhamnoides*)



This dense shrub has beautiful silver leaves and thousands of bright orange berries that literally cover the branches. Loaded with nutrients, sea buckthorn is commonly used in Europe for health tonics, cosmetics, etc. but they do not get much recognition in North America. Sea buckthorn contains very high levels of anti-oxidants, much higher than any other berry including blueberries.

When choosing a site for these tough, drought resistant plants, the only requirement is good drainage. They are part of a unique family of plants known as 'nitrogen fixers' who actually improve soil fertility with their roots, which explains why they can thrive in poor sandy soils. Sea buckthorn has practically no pest or disease issues.

Extremely high in vitamin C content has given sea buckthorn a well-deserved title of 'Citrus of the North' (eight berries are enough to meet your daily vitamin C requirement!). The berries are also loaded with beta carotene and essential fatty acids (omega's 3, 6, 7 and 9) and hundreds of other nutrients.

A sea buckthorn hedge can be used as a natural bear fence for northern orchards. On seashores or roadsides where salt sprays damage other plants sea buckthorn is not bothered. Berries hang on the branches all winter which will delight the birds!

Mature plant size can range from 2.5 - 4.5 m (7 - 15 ft) depending on the site and variety. Space plants 2.5 m (7 ft) apart in the row for a commercial setting or (3 - 5 ft) for a tight hedge.

A male and female are required for pollination. Male pollen will spread a surprising distance so plants do not have to be next to each other.

• SEEDLING SEA BUCKTHORN

Unsexed seedlings are best used as a hedge where fruit is less important. If planting 10 or more you are almost certain to have both male and female plants. Makes an attractive yet virtually impenetrable hedge - a maintenance free fence to keep the deer out, or to keep the sheep in!

Sea buckthorn is also useful for preventing erosion on steep slopes or for soil remediation. In some areas of Quebec they have been planted along highways to absorb any heavy metals and pollutants before they get into waterways.

PLANT SEVERAL | ZONE 3 | HARVEST: EARLY-MID FALL
271-5053 60-90cm (2-3') plant \$14.95 EACH

Sea Buckthorn Varieties

This year we are also able to offer some beautiful 4 year old plants. These are ready to start producing in the first year.

• SUNNY (FEMALE)

Sunny is considered the best berry for juice with a sweet, lightly acidic flavour and smooth, less fibrous texture. The large, golden-yellow fruit of this popular Siberian variety, also known as Solnechnaya, ripen over a 2-3 week period in mid-August. The highly-productive bush is very resistant to infections, has few thorns, and grows to approx 1.9-2.3m (6-8ft) at maturity.

PLANT WITH LORD | ZONE 3 | HARVEST: LATE SUMMER

271-6182	2yr old plant	\$19.95 EACH
271-6184	4yr old plant	\$29.95 EACH



• TATIANA (FEMALE)

The most compact cultivar we offer. Narrow branches have very few thorns and produce dark orange berries that are acclaimed for their high Omega-7 and oil content. This makes it the preferred variety for cosmetic, skin care and healing ointment usage. In short-beneficial both internally and externally. Harvest period is quite early, usually the first 2 weeks of August. Mature height is 1.8-1.9m (5-6 ft)



PLANT WITH LORD | ZONE 3 | HARVEST: LATE SUMMER

271-7584	4yr old plant	\$29.95 EACH
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• ORANGE ENERGY® (FEMALE) NEW

This year we are able to offer Orange Energy®, a popular patented variety developed by H.J. Albrecht in Berlin. Also known as 'Habego' it is noted for eye-popping yields of bright orange, intensely flavoured, vitamin-rich berries. By September, when the fruit starts ripening, the whole plant appears to be orange and bowed down. Plant height at maturity is around 2.4m (8ft) tall.

PLANT WITH LORD | ZONE 3 | HARVEST: EARLY FALL

271-4982	2yr old plant	\$19.95 EACH
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• LORD (MALE)

An attractive ornamental shrub that is covered in striking large, golden brown flower buds in winter and spring. The male sea buckthorn is an important pollinizer for our female plants. One male can pollinate up to 8 female plants.

| ZONE 3 |

271-4582	2yr old plant	\$19.95 EACH
271-4584	4yr old plant	\$29.95 EACH

We also have limited quantities of **ALTAISKAYA (Altai)** and **CHUYSKAYA (Star of Altai)** Russian female plants. Check for availability.

→ Goji's (*Lycium Barbarum*)

Also known as Wolfberry or Matrimony Vine, Native to Tibet, this 'superfood' can grow in almost any soil type, even depleted soils as long as it is well drained. The oblong bright orange-red fruit is most commonly dried, tasting like tart raisins, but they can also be eaten raw or added to soups and stews. The young leaves and shoots are popular in Cantonese stir-fries. In China it is sometimes referred to as the 'plant of eternal life' and in all fairness it does have amazing medicinal properties. The berries are packed with essential amino acids, vitamins and minerals which makes a potent elixir highly regarded as an immune system booster. Other claims include: improved vision, increased white blood cell counts, better liver function and stronger muscles and bones. An attractive 1.2 - 1.8 meter (4 - 6 foot) tall shrub, gojis have small, light purple, bell-shaped flowers in spring. Later the arching branches are loaded with crimson-orange 2cm (3/4") berries.

• DYNAMITE

May take a year longer to get to full production, but then bears extremely heavy crops. It grows more upright with an arching form.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

220-2081

1yr old plant

\$11.95 EACH

220-2083

2 gallon pot **PICKUP ONLY**

\$24.95 EACH

• FIRECRACKER

Firecracker begins to bear at an early age. A heavy producer, the plant grows tall and wide with a mounding form.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

220-3083

2 gallon pot **PICKUP ONLY**

\$24.95 EACH

• PHOENIX TEARS **NEW**

A superior strain selected for hardiness, heavy production, and high nutritional value. Jelly bean shaped berries can remain hanging on the bush well after ripening.

SELF-FERTILE | ZONE 3 | HARVEST: MID-SEASON

220-5081

2" pot small plants

\$11.95 EACH

• GOJI (*Lycium chinense*) **NEW**

This particular strain of Goji is very similar to the *Lycium barbarum* cultivars in terms of plant vigor, hardiness and berry production. However both blooming and ripening times are significantly later.

SELF-FERTILE | ZONE 3 | HARVEST: LATE

220-3382

2yr old plant

\$16.95 EACH



→ Nitrogen Fixing Plants

Nitrogen is a vital nutrient for plant growth and although about 78% of the earth's atmosphere is nitrogen, most plants cannot utilise this. The majority of nitrogen is provided in the form of industrially produced fertilizers. Nitrogen fixing plants, on the other hand, are hugely beneficial in any ecosystem because they have the ability to transform nitrogen from the air into the soil.

When their leaves fall and their roots die, the excess nitrogen is released back into the soil where it is picked up by other plants in the area and utilized for their own growth. The plants are also capable of growing in poor soils and improving them through their nitrogen fixation.

In this way various trees and plants growing next to each other (including the nitrogen fixers playing their unique role), can thrive in harmony. This benefits the plants themselves, but also the soil, microbes, insects and animals, and last but not least- us humans. **PERMACULTURE** is a fairly new term applied to this really old concept.

Peashrubs (*Caragana*)

• SIBERIAN PEASHRUB (*Caragana arborescens*)

A multi-stemmed upright growing shrub covered with delicate yellow flowers in spring, followed by small edible seedpods which can be eaten as a vegetable. By late summer the dried seedpods snap open, dropping the seeds which are 36% protein and make good chicken feed. So it is sometimes planted in poultry yards. However, the main benefits this super tough and cold hardy plant provides are:



1. As a **nitrogen fixer**, adding nitrogen to the soil wherever its roots grow and its leaves decay, which can benefit neighboring plants.
2. As a **windbreak** or an impenetrable hedge (it is quite thorny). It is maintenance free and will tolerate poor soils, drought and salt as long as the site is reasonably well drained.

Mature size is approximately 4 - 6 meters (14 - 20 feet) high and is almost as wide.

| ZONE 2 |

274-8453

60-90cm (2-3') plant

\$12.95 EACH

• RUSSIAN PEASHRUB (*Caragana frutex* 'Globosa')

Russian Peashrub offers the same nitrogen fixing capability in a compact package. This globe shaped shrub matures at 0.9m (2-3 ft) tall and wide. It has dense, dark green foliage and is covered with dainty, yellow flowers in the spring. Russian Pea Shrub makes a tough, drought resistant hedge and also works well as an understory nitrogen fixer in permaculture projects.

| ZONE 2 |

274-7583

2 gallon pot **PICKUP ONLY**

\$19.95 EACH

Locust

• THORNLESS HONEYLOCUST **NEW** (*Gleditsia triacanthos* var. *inermis*)

Honeylocust has feathery, green, fern-like foliage and an open growing habit, allowing sunlight to filter through, making it good for 'two-storey' agriculture. It is one of the nitrogen fixing trees that Stefan Sobkowiak of Quebec, uses in his permaculture orchard (the renowned Miracle Farm). He also uses them for living trellis posts - planting grapes and kiwis beside the tree. Wondrously fragrant spring flowers attract bees and pollinator insects. Seed pods can be used for animal fodder. Fast growing and very hardy, honey locust will grow practically anywhere making it useful for erosion control, urban settings or remediation sites. Mature trees can reach 18m (60ft).

ZONE 4

168-5153 60-90cm (2-3') seedling **\$19.95 EACH**

• BLACK LOCUST (*Robinia pseudoacacia*)

This fast growing native North American legume tree has many uses. It is a nitrogen fixer and a good choice to plant with black walnut or chestnut in a shelter-belt or windbreak setting. Also ideal for hostile sites with poor or depleted soil, clay or gravel as it is very tough and drought resistant. The tree has fern-like foliage covering thorny branches and extremely fragrant strands of white flowers in the spring which bees find irresistible. Hard rot-resistant lumber makes long lasting fence posts and the highest BTU firewood. Mature trees can reach 18 meters (60 feet) in height and 9 meters (30 feet) in width.

ZONE 3

168-0153 60-90cm (2-3') seedling **\$14.95 EACH**
168-0154 1-2m (3-6') seedling **\$19.95 EACH**

Locust Varieties

For the same nitrogen fixing benefits in a tough, drought resistant tree with more elegance and refinement, consider the Frisia Gold or Purple Robe (grafted) locust.

• FRISIA GOLD LOCUST (*Robinia pseudoacacia* 'Frisia')

Bright, golden-yellow foliage throughout the entire season makes this tree stand out like a shimmering beacon. New growth is nearly orange, while new wood has reddish spines. Fragrant white flowers hang in long, dense clusters. The fast-growing oval shaped tree has a very open form and can reach 12 meters (40 feet) in height.

ZONE 4 |

168-1942 1.5-2m (5-6') grafted **\$39.95 EACH**



• PURPLE ROBE LOCUST (*Robinia pseudoacacia* 'Purple Robe')

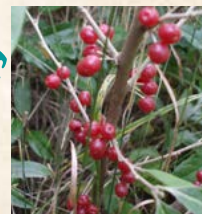
New foliage has a purple tinge, changing to an attractive bronze-green and finally to yellow in the fall. Purple Robe has a long blooming period with pendulous wisteria-like clusters of fragrant violet-purple blossoms. A tough fast growing tree with a compact, rounded form, it can reach 15 meters (50 feet) in height.

ZONE 4

168-2942 1.5-2m (5-6') grafted **\$39.95 EACH**



→ Autumn Olives (*Eleagnus umbellata*)



Autumn olive (*eleagnus umbellata*) also known as autumn silverberry, is a wide spreading shrub that can grow up to 5 meters (16 feet) tall. It is not related to the olive but has similar looking grey-green leaves.

The pea-sized red berries ripen in late September and are loaded with the antioxidant lycopene which is reported to help protect against prostate and other cancers. With lycopene levels 17 times higher than tomatoes, these berries make very healthy drinks or preserves.

Autumn olive bushes are somewhat related to Goumi bushes and boast the same nitrogen fixing abilities. They are hardy and vigorous and will thrive almost anywhere. In fact, they may be best suited to less fertile sites as they tend to prosper with such exuberance that they can crowd out less vigorous plants.

• RUBY™

A rounded shrub with attractive silvery foliage, it is especially enchanting when swathed in a pale cream-colored mist of spring blossoms which beckon the bees with their enticing aroma. By late summer a profusion of ruby-red berries cover the carefree bush. Ruby™ was selected for its larger and sweeter fruit. Mature height 3.2-4.5m (10-14 ft). Works well in hedge rows or windbreaks.

SEMI-FERTILE* | ZONE 3 | HARVEST: EARLY FALL

202-6082 60-90cm (2-3') plant **\$20.95 EACH**

• GARNET™ **NEW**

A large fruited, sweet tasting selection of Autumn Olive. Garnet™ is quite similar to Ruby™ except that both the reddish-bronze berries and the foliage are somewhat darker in colour.

SEMI-FERTILE* | ZONE 3 | HARVEST: EARLY FALL

202-2582 60-90cm (2-3') plant **\$20.95 EACH**

• AMBER™

An interesting variation on the Autumn Olive theme with similar-sized shrub and fruit. In the spring this unique Japanese variety is covered with fragrant, white blossoms, which are followed in late summer by large golden berries.

SEMI-FERTILE* | ZONE 3 | HARVEST: EARLY FALL

202-0182 60-90cm (2-3') plant **\$20.95 EACH**

Contact with nature affords a better tonic and nervine than the pharmacist can compound. A vacation in the country brings rest and recuperation to the businessperson and professional, but not everyone can take it. If one be so fortunate as to possess a garden it may afford them a vacation for an hour at any time. In such a garden bush-fruits may reach their highest perfection. Every plant and flower becomes a companion and friend. Flowers then acquire a tint and perfume and fruits a flavour and piquancy which no others can equal.

- from *Bush Fruits* by Fred W. Card, 1898

>Goumi (*Eleagnus Multiflora*)

The most compact, desirable and hard-to-find member of the nitrogen-fixing eleagnus family. Goumi bushes (also known as Gumi or cherry silverberry) are usually only 3m (6 ft) high and wide at maturity. The slender leaves are dark green on the upper side and silvery below which creates a shimmering effect when a light breeze stirs the foliage. In late spring the bush is covered in a fragrant haze of small yellow flowers followed by a glossy, cherry-red fruits flecked with silver. They contain a single hard seed and have a sprightly, refreshing flavour.

Although Goumi plants are not easy to propagate, they make a hardy, troublefree shrub that works well as an understory plant in permaculture settings or as a fruiting hedge. The following cultivars were selected at the Main Botanic Garden in Kiev, Ukraine.



• RED GEM™

In mid-summer, the bush is loaded with tasty scarlet jewels almost the size of a small pie cherry. The juicy sweet/tart berries are excellent for pies, jellies and sauces as well as for fresh eating. The bush tends to start bearing at 2-3 years old. Fruit ripens in August.

SEMI-FERTILE* | **ZONE 4/5** | **HARVEST: LATE SUMMER**
222-8282 30-60cm (1-2') plant \$22.95 EACH

• SWEET SCARLET™

Very productive shrub is similar in growth habits, appearance and fruit size to Red Gem™. Glossy, crimson berries are oval-shaped and considered slightly sweeter, endearing them to folks and feathered friends who eat them off the bush.

SEMI-FERTILE* | **ZONE 4/5** | **HARVEST: LATE SUMMER**
222-8682 30-60cm (1-2') plant \$22.95 EACH

>Orchard Companion Plants

The concept behind perennial companions is that it encourages natural processes that benefit the overall health and vitality of your fruit trees. It is essentially copying the forest's natural state. A colorful assortment of different species all contributing to reduced pest and disease problems, increased soil fertility, and increased fruit production. Reserve a spot for these all-star plants around the perimeter of your fruit tree. Each one plays their own unique supporting role.

• SUMMER PASTELS YARROW

(*Achillea millefolium* 'Summer Pastels')

As the **beneficial insect plant**, yarrow produces nectar sought by predatory insects such as syrphid flies, brachonid wasps and lacewings that feed on fruit tree pests. It blooms from June to September in attractive shades of assorted colours that are accented by its deep green, fern-like foliage. Grows to 45 cm (18") tall.

ZONE 3 |
274-3881 8cm (3¼") pot \$4.95 EACH



• BOCKING 4 COMFREY™

Acts as a **dynamic accumulator** with a deep tap root up to 3 metres long (10 ft) that draws minerals and nutrients from the subsoil into its leaves. Chop and drop the leaves three or four times in a growing season for an effective living mulch. Often planted around the base of a tree to suppress weeds.

Although most comfrey is considered invasive, this Russian type is not spread by seed. Disturbing the roots by digging up plants will instigate multiplication.

Bocking 4 is rust-resistant and is noted for having the highest protein content. It is also the recommended variety for fodder, especially for poultry and pigs. Grows up to 60-90 cm (24-36") tall.

ZONE 4 |
274-1861 8cm (3¼") pot \$4.95 EACH



• HYSSOP (*Hyssopus officinalis*)

Hyssop is a decorative plant with a refreshing aromatic scent. It acts as an **insect confuser** by distracting insect pests who are attracted by the aroma of ripening fruit. Showy, vivid blue flower spikes bloom all summer long, luring bees and pollinizers from far and wide. Thrives even in dry, difficult soil. Grows to 30-60 cm (12-24") tall.

ZONE 3 |
274-2881 8cm (3¼") pot \$4.95 EACH



• MINARETTE LUPINE (*Lupinus* 'Minarette')

This attractive plant rounds out the quartet as a compact but effective **nitrogen fixer** with the unique ability to transfer nitrogen from the air into the soil where it can be absorbed by the tree's roots. Colorful columns in shades of red, white, blue, pink, yellow and rose rise above the frondy green foliage. Grows to 60cm (24") tall.

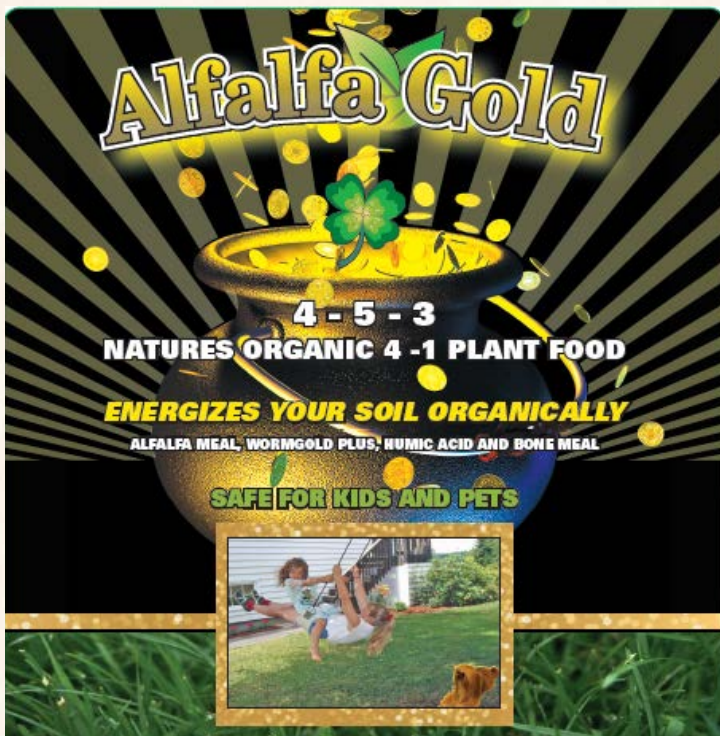
ZONE 3 |
274-3081 8cm (3¼") pot \$4.95 EACH



Note: Dynamic accumulators and nitrogen-fixing plants like comfrey and lupines often get planted at the base of the tree while the other companions can be spread around the perimeter of the patch.

As an added bonus- all of these companion plants are usually avoided by deer.

➤ Natural Fertilizer



UNLEASH YOUR TREES POTENTIAL THE GOLD STANDARD IN TREE PLANTING FERTILIZER

• ALFALFA GOLD

A specially formulated blend of **Alfalfa Meal**, **Humic Acid**, **Worm Gold Plus** and **Bone Meal**. This powerful package has four organic ingredients working in harmony, enhancing the soil structure while promoting strong root growth.

Bone meal - provides long lasting, slow release phosphates for healthier plants and higher yields.

Worm castings - will increase and replenish the soil's healthy bacteria. Also boosts a naturally occurring enzyme in the plant called chitinase, which is believed to aid in repelling harmful insects.

Humic acid - enriches the organic matter in the soil by adding natural carbon effectively increasing efficiency of the plants nutrient uptake. Also contributes to improved soil texture and water holding capacity.

Alfalfa meal - a natural nitrogen source, balanced with phosphorus making an excellent soil conditioner and promoting plant growth.

Alfalfa Gold is slowly broken down by soil bacteria which provides a gradual release of vital, natural nutrients throughout the growing season.

For all tree and shrub plantings:

Mix 1 cup **Alfalfa Gold** with the soil that you backfill around the roots (will not burn the roots) plus 1 cup top-dressed and lightly raked in before soaking with water.

Reduce rates for smaller plants.

707-0702	2 Kg container 4-5 trees or shrubs	\$13.95
707-0705	5 Kg bag 10-12 trees or shrubs	\$27.95
707-0710	10 Kg bag 20-24 trees or shrubs	\$45.95

Alfalfa Gold can also be used for flowers and vegetables, potting mixes and even for your lawn. Apply at 1kg per 2.25 sq metres (2 lbs per 25 sq ft) of garden.

Some gardeners have experienced impressive results by brewing **Alfalfa Gold** as a compost tea and using as a foliar spray.

• ORGANIC TURKEY TROT

In university tests, this has been rated as one of the best organic fertilizers you can use. It consists of composted, deodorized, granular turkey manure. A complete package containing both quick and slow release nitrogen, all primary, secondary and tertiary plant nutrients. Compared to commonly available inorganic fertilizers which only benefit the plants themselves, Turkey Trot will build up your soil, making it better each year, providing vital micro-nutrients to everything you grow. Use everywhere - orchards and berry patches, vegetables and flower beds.



For fruit trees - each spring broadcast 2 cups (500g) per 25mm (or 1lb per 1") tree diameter.

707-7710	10 kg bag	\$24.95
707-7720	20 kg bag	\$44.95

TURKEY TROT FOR LUSH HEALTHY LAWNS

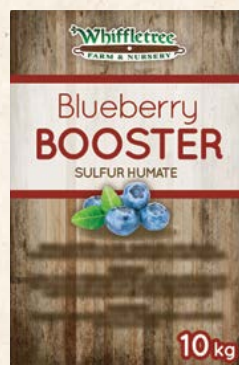
Broadcast	2.5 Kg per 100 sq meters in spring
	1 Kg per 100 sq meters in July
	1 Kg per 100 sq meters in September

Try doing a strip of your lawn this summer to see the results for yourself.

Local gardeners who have used Turkey Trot for the past two years on their flowers and vegetables are totally sold on it!

BENEFITS OF NATURAL ORGANIC TURKEY TROT

- Adds approximately 10% humates by volume
- Increases the nutrient and water holding capacity of the soil
- Pathogen and weed free, no blood or bone products
- Strengthens plants tolerance against hot, dry conditions
- Promotes greater root development
- Improves buffering against changes in soil pH
- Increases the soils ability to suppress plant pathogens
- Increases the soils porosity and stability for greater root development and water holding capacity



• BLUEBERRY BOOSTER

Many home gardeners would love to grow their own blueberries, but hesitate to try because of the plant's special needs. This product is really not a fertilizer, but an earth-friendly sulfur, which by lowering the soil pH, allows the blueberry plant to draw up the nutrients it needs. Simply scattering a handful around every plant each spring before topping up with a fresh coat of mulch goes a long way toward keeping your blueberry plants healthy and green. Blueberry Booster is 80% Bio-Sol90

(Elemental Sulfur) and 20% Earth Boost (Dry Humic Acid).

707-1702	2 kg bag	\$7.95 EACH
707-1710	10 kg bag	\$22.95 EACH

>Orchard Sprays

• ORGANIC ORCHARD SPRAY KIT

Whiffletree is delighted to introduce this convenient, totally organic spray kit for the home gardener. It is based on the Holistic Spray program developed by well-known orchardist Michael Phillips. The Kit contains all the key ingredients with complete mixing and spraying instructions as well as a schedule to guide you. It includes:

- 2L Organic Gem Liquid Fish (Fish Hydrolysate)
- 1L Pure Neem Oil
- 1L Effective Microbes
- 2L Liquid Ultra Kelp
- 2L Black Strap Molasses

These components work together to enhance your tree's immune system, aid fruit growth, and help ward off disease, specifically during the primary infection window in the spring. The secret to success with any program lies in applying several early-season sprays that are correctly timed. You will be spraying to prevent diseases rather than attempting to cure them after the damage is already done.

This Kit contains sufficient material to cover approx. 10-20 semi-dwarf trees and 10-20 berry bushes for 1 season. Complete instructions included. Spray recipe is developed for 15 litre backpack sprayer.

Note: All of these products can also be purchased individually here. See Michael Phillip's book 'The Holistic Orchard' for a more detailed discussion of the ingredients and how they work in harmony.

735-0199

Complete Kit

\$149.95 EACH



Organic Natural Insecticide

Use this simple recipe to get rid of aphids, leafrollers, and other leaf-eating insects. Repeat spray every couple of days until insects are gone. Be careful not to target bees, butterflies, lady bugs and other beneficial insects.

- 3 tablespoons 3% hydrogen peroxide
- 2 tablespoons sugar
- 500mL (2 cups) water
- 1 squirt of liquid dish soap



YOU CAN ALSO BUY THESE COMPONENTS SEPARATELY

• LIQUID ULTRA KELP

A foliar application of Kelp enhances photosynthesis and resistance to environmental stresses such as drought and extreme heat. Cold-processed liquid kelp contains important trace minerals which contribute to increased shelf life in fruit as well as cytokinins that increase the tree's resistance to pest and disease problems.

735-3402

2 Litre jug

\$39.95 EACH

• BLACK STRAP MOLASSES

The cheapest ingredient, but it plays an essential role by providing complex sugars as a rich carbon source that activates and greatly increases the biological action of the Effective Microbes in the mix. It stimulates the soil microorganisms for better residue breakdown. Molasses also boosts the Brix level in the fruit, making it more nutrient-dense which helps repel insect pests.

735-0402

2 Litre jug

\$9.95 EACH

• ORGANIC GEM LIQUID FISH (Fish Hydrolysate)

Hydrolysate is a nutrient-rich formulation of biological fish. It is a natural source of nitrogen, fatty acids, vitamins and enzymes that stimulate the soil and feed the arboreal food web.

735-2801

1 Litre jug

\$19.95 EACH

• PURE NEEM OIL

Raw, cold-pressed 100% neem oil from India. Michael Phillips stresses using the raw product rather than neem extracts. It contains trace amounts of nitrogen, phosphorus, potassium, zinc, copper, iron, magnesium and manganese as well as the fatty acid compounds that stimulate and strengthen the trees' immune system. The phytochemistry of pure neem oil supplies nutrients to the foliage.

735-2201

1 Litre jug

\$38.95 EACH

735-2202

2 Litre jug

\$68.95 EACH

• EFFECTIVE MICROBES

Effective Microbes provides beneficial bacteria and fungi in a stable form for nutrients, to feed them once they get into the environment. It acts as a probiotic inoculant, colonizing both fruit and branches with microbes to promote fruit growth and disease resistance.

735-0801

1 Litre jug

\$24.95 EACH

735-0802

2 Litre jug

\$44.95 EACH

I always think of my sins when I weed. They grow apace in the same way and are harder still to get rid of.

- Helena Rutherford Ely. *A Woman's Hardy Garden*, 1903

> Pollinator Bees

Bee Friendly

People are not only aware but incredibly concerned about the plight of our honeybees. How can we make a difference? Here is a fun and helpful way for everyone to get involved and do something. It makes a very safe and educational project for families with young children. We offer two native pollinators, known as the Blue Orchard Mason Bee and the Leafcutter Bee. They don't sting or produce honey, but they are considered the best species for pollinating tree fruit. Both types of bees nest in small holes and lay eggs that hatch out to pollinate your trees the next spring. They can do this year after year. Get started with a powerful permanent pollination force that can become the equivalent of a whole hive of honey bees! Available both as a kit and individually.

MASON BEES

Mason Bees are gentle and good-natured. They are amazing pollinators for spring fruit, nut, berries and blooming plants. It is estimated a single Mason Bee may visit approximately 2,000 blossoms per day. One Mason Bee can do the job of six honeybees. Unlike honeybees who transport pollen in small sacs on their hind legs, the Mason Bee carries the pollen in the fine fur that covers its body. They are the first bee to hatch in the spring and can fly at the cooler temperatures of 50°F (10°C) that would ground a honeybee. Their life cycle is approximately 6-8 weeks. The Mason Bee's name comes from its practise of using mud to seal the egg chambers within a nesting hole.



LEAFCUTTER BEES

The Leafcutter Bees are a useful friend to gardeners, as they provide valuable and efficient pollination for plants such as your summer vegetable gardens. They tend to hatch in July. Like Mason bees, these bees are cavity nesters and need ready-made nests such as soft rotting wood, hollow plant stems, or these man-made tubes. When it is time for the leafcutter to lay an egg, she will make a circular cut in a leaf, roll it up and stuff into one of the hatching reeds and lay her egg with a pollen ball inside. Leafcutters fly as late as October depending on the season and the weather.



If the bee disappeared off the surface of the globe, then man would have only four years of life left. -Albert Einstein

Out of 20,000 species of bees, only four make honey.

Bee Kits

Our all-in-one kits have all the supplies including bees to get pollinating in your yard from spring to summer. The custom-designed bee house, the Bee & Bee Villa, is handcrafted right here in Ontario. It provides a nesting home for both Mason bees and Leafcutter Bees. A hidden loft for the Leafcutter gives protection until they are ready to emerge. The nesting tunnels consist of handcut nesting reeds obtained from natural grass. After the second generation has hatched out the following spring, those reeds can be replaced with new ones.



• COMPLETE BEE KIT

Contains:

- 10 Mason Bee cocoons
- 25 Leafcutter Bee cocoons
- 25 hand cut nesting reeds
- 1 bee house "The Bee & Bee Villa"

703-0299

\$69.95 EACH

You can also buy these components separately:

• MASON BEE COCOONS

703-4210

Pack of 10

\$16.95 EACH

• LEAFCUTTER BEE COCOONS

703-5225

Pack of 25

\$22.50 EACH

• MASON/LEAFCUTTER BEE REEDS

703-6225

Pack of 25

\$9.95 EACH

NOTE: YOUR BEES WILL BE SHIPPED AS DORMANT COCOONS. WHEN YOU RECEIVE THEM YOU CAN STORE THE BEES IN THE CRISPER OF YOUR FRIDGE UNTIL THE FIRST BLOSSOMS APPEAR. DETAILED INSTRUCTIONS WILL BE INCLUDED WITH YOUR KIT ON THE PROPER CARE OF THE BEES. ONLY AVAILABLE UNTIL JUNE 1ST.

> Orchard Supplies

Whiffletree Farm & Nursery offers many supplies to get your orchard up and running, and to provide plants with vital protection, growth promotion, and health maintenance.

Sprayers

• VENUS SPRAYER

Built to outlast common sprayers, the Venus sprayers are small and handy to use in the home, or vegetable garden.



729-6201	1 Litre	\$33.95 EACH
729-6215	1.5 Litre	\$35.95 ea REDUCED \$24.95 EACH (While Quantities Last)
729-6202	2 Litre	\$39.95 EACH



• ORION SPRAYER

These reliable pressure sprayers are well built with highly durable and chemically resistant materials. Orion sprayers are best used in orchards, horticulture, greenhouses and plant nurseries.

729-6403	3 Litre	\$73.95 ea REDUCED \$49.95 EACH (While Quantities Last)
729-6406	6 Litre	\$79.95 EACH
729-6409	9 Litre	\$84.95 EACH
729-6412	12 Litre	\$88.95 ea REDUCED \$59.95 EACH (While Quantities Last)

• NEPTUNE 15 L SPRAYER

For a very precise spraying pattern, the Neptune holds a unique design with a pump unit hidden inside to create a constant pressure in the lance. This sprayer holds 15 litres of liquid, and is 100% leak proof. The lance is telescoping to adjust to your preferred length. Standard kits include a set of spare parts and a herbicide nozzle.

729-6615	15 Litre	\$149.95 EACH
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• NEPTUNE EL 15 L SPRAYER

A very quiet and efficient electric sprayer that sprays over 30 gallons on one charge. Worn as a backpack, and well built, it sprays a fine mist that is ideal for foliar feeding plants. Neptune sprayers are built to carry and apply a variety of liquid agents to protect plants from diseases, weeds, or pests.

729-6715	15 Litre EL	\$399.95 EACH
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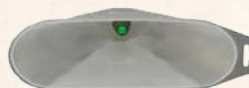


Attachments for Orion & Neptune

• HERBICIDE SHIELD

Attachment made of PVC designed for use in cultivations that require weeding. The shield restricts errant spray from damaging plants while spreading herbicides between rows. The shield is indispensable particularly during windy weather when spray drift can easily cause damage to plants.

729-7400	\$15.95 EACH
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• BANANA BOOM

This attachment has flexible arms so the user can arc the three nozzles thus providing 360° coverage around the target. It is also ideal for spraying row crops since the bendable lance allows complete encircling of each plant.

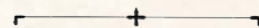
729-7500	\$35.95 EACH
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• 3 NOZZLE WIDE ATTACHMENT

The 50 cm (20") spacing between nozzles assures optimal coverage when spraying three crop rows at a time. Ideal for low growing row crops.

729-7600	\$35.95 EACH
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• 3 M (9 FT) TELESCOPIC LANCE

This lance is perfect for spraying trees and other high or far to reach areas. Its three stage length adjustment elongates to a full three meters yet collapses to less than a meter making it easy to transport and store.

729-7700	\$68.95 EACH
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Pruning Shears

• 1 M (30") BAHCO LOPPING SHEARS

Long-reach professional orchard bypass lopper, also recommended for landscaping. Long and light aluminum handles with long reach for overhead cutting. Specially designed cutting head and forged counter-blade to stand the stress of intensive use.

725-1430	\$89.95 EACH
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• FELCO #2 PROFESSIONAL HAND SHEARS

Strong, solid-forged aluminum-alloy handles have easy-to-grip covers and are nearly unbreakable. Holds sharp blades for long time.

725-2802	\$58.95 EACH
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• FREUND 2002 HAND SHEARS

Model 2002: Aluminium forged, replaceable blade and hook made of high quality carbon steel, wire cutter, serrated bolt, buffer, with toolholder.

725-2002	\$38.95 EACH
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• FELCO 600 FOLDING PULL-STROKE PRUNING SAW

Pull-stroke pruning saws guarantee rapid, clean and precise, large-diameter cutting. The blade teeth boast exceptional strength and durability thanks to the additional impulse treatment.

725-3600	\$41.95 EACH
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Tree Protection & Supports



• ARBORGARD+®

Guard trees from mower or trimmer damage. These heavy-duty 23 cm (9") tall tree trunk protectors will provide security on trunk calipers of up to 10 cm (4"). For more mature trees, two or more Protectors will attach with locking tabs.

733-1501	Qty of 1	\$3.45 EACH
733-1510	Qty of 10+	\$2.95 EACH



• GROW TUBE VINE SHELTER

These two-piece plastic sleeves get your grapes off to a great start. In fact, they have been shown to increase first year plant growth by 150%. It protects the young vines from drying, from structural damage caused by the wind and eliminates training the vine up to the wire. Bottom line - you get grapes sooner.

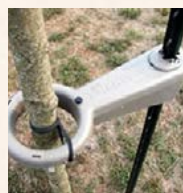
733-2301	Qty of 1	\$3.15 EACH
733-2310	Qty of 10+	\$2.85 EACH
733-2325	Qty of 25+	\$2.35 EACH
733-2312	Qty of 100+	\$1.95 EACH



• PLANTRA™ TREE SHELTERS

Ensure your seedlings survive against many threats that kill unprotected plants in their first seasons. Plantra Tree Shelters also act like a mini greenhouse to build and grow the whole plant from the roots to stem and shoots. Promotes straight tree growth. Highly recommended for heartnuts, pecans and paw paws.

733-4903	1m (36") tall	\$4.95 EACH
733-4905	1.5m (60") tall	\$7.45 EACH



• TREE-MATE-O™

The Tree-Mate-O Tree Support cradles and promotes a growing tree with a durable band that allows for natural swaying, encouraging proper development and stronger trees. It attaches to a single regular T bar stake. Great for yards or public settings such as parks or schools.

733-5501	Qty of 1	\$9.95 EACH
733-5505	Qty of 5+	\$8.95 EACH

• STEEL T STAKES

These heavy duty 7 ft steel stakes are ideal for using with both the Tree-Mate-O supports and the Blackberry trellis rings. PICKUP ONLY - they are too awkward to ship.

733-5901	Qty of 1	\$11.95 EACH
733-5905	Qty of 5+	\$10.45 EACH

• WHITE SPIRAL TREE GUARDS

Protect your plants and trees completely, quickly and inexpensively with plastic tree guards, a spiral tree and plant protector. 75 cm (30") tall.

733-6701	Qty of 1	\$2.15 EACH
733-6710	Qty of 10+	\$1.85 EACH
733-6725	Qty of 25+	\$1.55 EACH



• LAC BALSAM TREE WOUND DRESSING

Ice storm damage? Also known as artificial bark, Lac Balsam is the world's finest tree wound treatment. It provides protection against insect and disease organisms that are attracted to open wounds. Lac Balsam has saved thousands of trees girdled by mice and rabbits. 385 gram tube.

735-5038	\$21.95 EACH
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• WHIFF DEER DETERRENT SOAP BAR

Tie and hang this small soap bar onto young plants or trees to deter deer. Use 1-2 bars per tree, lasts one season. 1/2 oz. bars with ties. New formula made specifically for orchards.

Our Whiff bars are sold as follows:

735-8010	Qty of 10	\$5.95
735-8050	Qty of 50	\$19.95
735-8012	Qty of 100	\$29.95
735-8052	Qty of 500	\$129.95
735-8013	Qty of 1000	\$199.95

• BIO-GRAFT™ GRAFTING TAPE

With benchgrafting, the critical factor is maintaining maximum pressure on the graft union to ensure a successful bond. We have found this tape to be very effective. It keeps the graft rigid. Apply Bio-Graft™ tape with the adhesive side toward the plant. Approx. 50% stretch is recommended and a minimum of 4 to 5 layers must be applied to your newly grafted stock to produce good callous formation. Bio-Graft™ polyethylene tape will eventually unravel itself from the graft union after sufficient callousing has occurred.

709-3030	30mm x 100m roll	\$14.95 EACH
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• LIMB SPREADERS

Start forming your trees' 'character' in its early years. Branches encouraged to grow more horizontally will form a stronger framework for the tree as it matures. They will also bear earlier, be more fruitful and require less pruning in later years. Use these simple, convenient Limb Spreaders to achieve the desired effect. Clip them on in the springtime when flowing sap makes the wood tissue more pliable and remove in the fall - mission accomplished.



733-3110	Pkg of 10	\$9.95
733-3125	Pkg of 25	\$17.95
733-3112	Pkg of 100	\$54.95

• ORCHARD SOX

Are you tired of losing good fruit to apple maggots or coddling moths? Orchard Sox (also known as apple maggot barriers and fruit sox) have been shown to be incredibly effective at protecting growing fruit from insect damage. These little nylon sox are tied on to growing fruit when it's just about the size of a nickel. As the fruit grows, the sock expands and prevents insects from laying their eggs under the skin of growing fruit. The socks can be used for apples, pears, Asian pears and apricots.



733-4314	Pkg of 144	\$19.95
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• WHIFFLETREE ORCHARD MIX (Grass Seed)

A great low-maintenance orchard ground cover. Our custom mix contains:

- 25% Creeping Red Fescue
- 25% Perennial Ryegrass
- 25% Kentucky Bluegrass
- 25% No. 1 White Dutch Clover

Recommended by leading orchardists as the ideal permanent alley crop. Low growing and very dense, it recovers quickly from heavy traffic and cuts mowing to a minimum. It is also resilient enough for grazing. Seeding rate 2 kgs per 100 sq meters or 4 lbs per 1000 sq ft. A 25kg bag will do close to 1/2 acre.

718-0910	10kg bag	\$89.95
718-0925	25kg bag	\$189.95

Tree Protection & Supports Continued

• BLACKBERRY TRELLIS SYSTEM **NEW**

Better ripening and clean fruit are just a few of the advantages of this simple, effective support for your blackberry plants. It works equally well for tomatoes, peppers or black raspberries. In fact, any flowers, canes or vines which tend to droop over onto the ground can benefit. Two durable, molded plastic rings (one 11" and one 13" diameter) fit snugly over a single steel T stake (not included). The rings can easily be raised or lowered during the growing season and should last for many years.



733-5801
733-5805

1 set of two rings
Qty of 5+ sets of rings

\$19.95 EACH
\$17.45 EACH

• ROOTTRAPPERS®II CONTAINERS **NEW**

Are you planning to buy your own home in the next 2-5 years? Plant your mini-orchard now and move the trees with you! Container growing has expanded the gardening horizon for numerous people in various settings. Consider the possibilities!

We feel the RootMaker® product line, developed by Dr. Carl Whitcomb, is still the best on the market. The RootTrapper® container is a black, spun-bonded fabric, laminated with a white outer coating. The inner fabric stops circling roots and continues to stimulate root branching. The white outer coating greatly reduces container temperatures so roots do not die on the sunny side as with black plastic containers. The bottom two inches of the RootTrapper®II sidewall is not laminated. This improves drainage and aeration where the soil column needs it most, while not exposing the entire sidewall to excessive moisture loss.

The 10 gal and 20 gal size come with two fabric handles.

The 45 gal size is just slightly larger than a wooden half barrel planter.

736-1810
736-1820
736-1830
736-1846

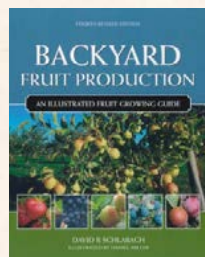
10 US gal 15" Deep x 14" Base
20 US gal 15" Deep x 20" Base
30 US gal 15" Deep x 24" Base
45 US gal 20" Deep x 26" Base

\$13.95 EACH
\$18.95 EACH
\$21.95 EACH
\$26.95 EACH



>Books

Whiffletree Farm and Nursery stocks many helpful and informative books. Here is a compiled list of our most recommended reads.

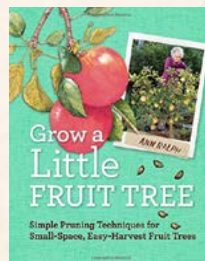


• BACKYARD FRUIT PRODUCTION

DAVID SCHLABACH

Charts, illustrations and easy-to-remember techniques make this a helpful reference. Schlabach's clear, concise style is perfect for those who want the facts without too much reading. The book covers both organic and conventional controls. Includes cultural care for specific fruits from apples and Asian pears to grapes and raspberries. If you appreciate simplicity and common sense, this one is for you!

802-1100 172 PAGES | 7.5" x 9" Soft Cover \$21.95

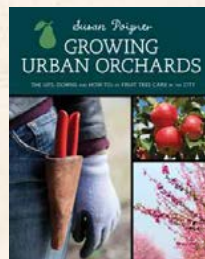


• GROW A LITTLE FRUIT TREE: SIMPLE PRUNING TECHNIQUES FOR SMALL SPACE, EARLY-HARVEST FRUIT TREES

ANN RALPH

With Ann Ralph's radical, yet simple pruning technique and easy maintenance plan, any full-size variety of fruit tree can be kept small while still producing full-sized fruit in abundance. The author is a fruit tree specialist with 20 years of nursery experience, who has taught pruning classes for many years. Of course, if you live in the short season of the north, tree size is not your main concern. However, most of you in zone 5, especially in protected urban settings, may well find this book to be your best \$20 investment. Follow Ann's clear and easy instructions, from the minute you plant your trees to keep them compact, manageable and productive.

807-6600 168 PAGES | 7" x 9" Soft Cover \$21.95

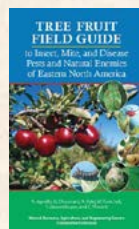


• GROWING URBAN ORCHARDS **NEW**

SUSAN POIZNER

Some people plant a new fruit tree, and learn how to care for it later on. But in this award-winning book, urban orchardist and educator Susan Poizner encourages new growers to start pruning, protecting and caring for their tree from the first day it's planted. In fact, as Poizner points out, the first three years are the most important when it comes to establishing a healthy tree. And by pruning correctly in the early years you will create a sturdy, fruit-bearing structure that will last a lifetime. The goal of "Growing Urban Orchards" is to help you build confidence in caring for your fruit tree where ever you live.

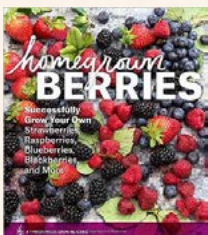
807-7400 111 PAGES | 7" x 8.5" Soft Cover \$19.95



• TREE FRUIT FIELD GUIDE

An extensive identification guide to fruit tree diseases, insects, mites and pests. This compact, but very complete, fully coloured reference book is designed to take along to the field or orchard. Conventional spray suggestions are provided, as well as organic management tips.

820-7000 238 PAGES | 5" x 8.5" Soft Cover \$33.95



• HOMEGROWN BERRIES

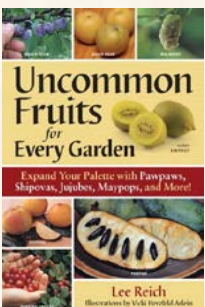
A TIMBERPRESS GROWING GUIDE

Any home gardener who grows berries (or is thinking of doing so) will thoroughly enjoy this new full colour guide book. Attractive enough for your coffee table, while providing everything you should know in a helpful and readable format. Includes information on site selection, soil preparation disease prevention, design and pruning.

Also gives you the details on numerous recommended varieties of blueberries, raspberries, blackberries, strawberries, elderberries and more.

808-8200 224 PAGES | 8" x 9" Soft Cover

\$24.95

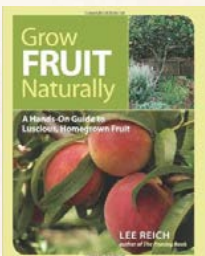


• UNCOMMON FRUITS FOR EVERY GARDEN LEE REICH

If you are interested in venturing beyond the standard orchard fare of apples, pears, prunes and plums, here is the book you have been looking for. Reich's research, anchored by his own experience, provides you with thorough descriptions and valuable instructions on growing all sorts of exotic plants. Kiwis, pawpaws, medlars, persimmons, gooseberries, and shipovs amongst many others are covered in 23 chapters of delightfully different fruits which add an adventurous flavour to your landscape.

821-8000 288 PAGES | 6" x 9" Soft Cover

\$22.95

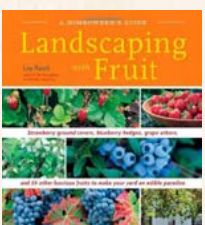


• GROWING FRUIT NATURALLY: A HANDS-ON GUIDE TO LUSCIOUS, HOMEGROWN FRUIT | LEE REICH

Buy one of Lee Reich's books and you'll find yourself itching to get more of his titles. From his fruit-related writings it is easy to tell he has been there and grown it - and thoroughly enjoyed it. This colourful, well-illustrated volume takes you through planning, planting, pruning, pest and disease control (naturally - see book title). The second half of the book covers most fruit categories with a variety of descriptions, opinions and lots of luscious photos.

807-6800 240 PAGES | 8.5" x 11" Soft Cover

\$28.95



• LANDSCAPING WITH FRUIT | LEE REICH

A complete guide to the luscious possibilities of landscaping with fruiting trees, shrubs, and vines. Includes advice on choosing the right site for your new plants, how to select varieties that are relatively carefree and bear delicious fruit while offering three-season visual appeal, as well as the complete layout plans for five different 'fruitscapes.' With the help of this book, you can integrate plants into your yard that will be a joy to both your eyes and your taste buds.

812-0100 192 PAGES | 9.5" x 10" Soft Cover

\$22.95

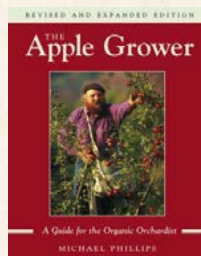


• THE PRUNING BOOK | LEE REICH

The best book on pruning we have come across, it has over 350 colour photos and detailed drawings covering every aspect of pruning you might think of. Dr. Reich's clean-cut instructions guiding you through the whole spectrum of trees, shrubs, vines - anything that benefits from pruning, makes this an indispensable reference for novice and experienced gardeners alike.

816-4700 234 PAGES | 8.5" x 11" Soft Cover

\$22.95



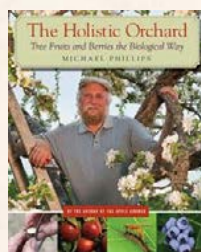
• THE APPLE GROWER

MICHAEL PHILLIPS

A comprehensive guide for the organic orchardist combining the forgotten wisdom of our greatgrandparents with the best research and techniques available today. This revised and expanded edition is the most complete manual available. Michael Phillips presents everything you need to know about growing apples organically in his warm, readable style. Loaded with diagrams, charts, and lots of colour photos.

801-0200 343 PAGES | 8" x 10" Soft Cover

\$29.95



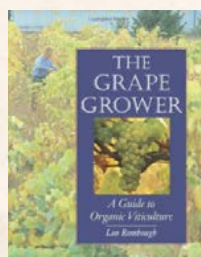
• THE HOLISTIC ORCHARD

MICHAEL PHILLIPS

In this best-selling, new book, Phillips continues on where he left off in The Apple Grower. This book provides all the information needed to create and maintain a thriving orchard with insights into design, choosing varieties, and a step by step instructional calendar for the entire orchard year. Safe, homegrown solutions are offered to pest and disease challenges for numerous pome fruits, stone fruits and berries. A book to inspire beginners as well as provide deeper answers for experienced fruit growers looking for field-tested organic approaches.

808-8100 432 PAGES | 8" x 10" Soft Cover

\$34.95



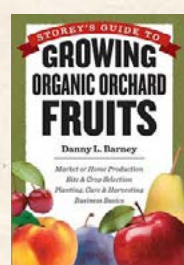
• THE GRAPE GROWER - A GUIDE TO ORGANIC VITICULTURE | LON ROMBOUGH

The most comprehensive and useful book to focus on table grapes for the home gardener or small-scale vineyardist. Whether you're just getting started, or already have a hundred vines, this book is an indispensable resource that can literally save you a 'bunch' of time, money, and frustration. With over 40 years of experience,

Rombough is the perfect guide to walk you through all aspects of variety evaluating, site preparation, as well as vine pruning and training. The primer and reference book to organic practices that works. Anyone with grapes will benefit.

807-6400 288 PAGES | 8" x 10" Soft Cover

\$34.95

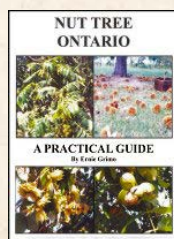


• STOREY'S GUIDE TO GROWING ORGANIC ORCHARD FRUITS | DANNY L. BARNEY

Everything farmers need to know to successfully grow and market organic fruits. Details designing, maintaining, pruning and harvesting an orchard and managing the business side of farming. A straight-forward reference for a thriving orchard business.

807-7100 544 PAGES | 6" x 9" Soft Cover

\$29.95



• NUT TREE ONTARIO: A PRACTICAL GUIDE | ERNIE GRIMO

Here you get the foremost nut growing expert in Ontario to guide you through the pros and cons of all the various possibilities. Contains chapters on the various species and varieties complete with historical background and covers all the practical aspects from tree planting to nut harvesting and processing. A one-of-a-kind book.

814-2000 127 PAGES | 8.5" x 11" Soft Cover

\$22.95

Windbreaks

Although the idea of a windbreak may seem simple, their uses are only limited by the creativity of the landowner. Here are some less obvious solutions:

FRUIT	MATURE HEIGHT	PAGE REF.
Hazelnut Seedlings	3 - 4.2 m (10 - 14')	30
Saskatoons	3 - 4.2 m (10 - 14')	41
Siberian Pea Shrub	4.5 - 6 m (15 - 20')	50
Autumn Olives	4.5 - 6 m (15 - 20')	51

Fruiting Hedges

Why plant a strictly ornamental hedge when you can have one that combines beauty with a bounty of berries? We have selected the following plants for their hardiness, ease of cultivation, attractive foliage, and of course - tasty fruits. Spacing can be determined by how tight you want the hedge to be. Sizes provided are general height and widths at maturity.

FRUIT	MATURE HEIGHT	PAGE REF.
Currants	1 - 1.5 m (3 - 5 ft)	39
Gooseberries	1 - 2 m (3 - 6 ft)	38
Haskaps	1.2 - 2 m (4 - 6 ft)	40
Rugosa Roses	1.2 - 2 m (4 - 6 ft)	33
Goumi	2 - 2.2 m (6 - 7 ft)	52
Aronia Berries	2 - 2.5 m (6 - 8 ft)	48
Shrub Cherries	2 - 2.5 m (6 - 8 ft)	24
Nanking Cherries	2 - 2.5 m (6 - 8 ft)	23
Chums	2 - 2.5 m (6 - 8 ft)	18
Sea Buckthorn	2 - 3.5 m (6 - 12 ft)	49
High Bush Cranberries	2.5 - 3.5 m (8 - 12 ft)	32
Elderberries	2.5 - 3.5 m (8 - 12 ft)	47



ZONES

The zone hardiness rating will aid you in determining whether a plant will be hardy enough for you. The average minimum temperature in your area determines your zone. Your own soil conditions, microclimate and topography will be equally important in determining the best varieties for you.

ZONE	TEMP (C)
1	-51.1 to -45.6
2	-45.6 to -40
3	-40 to -34.4
4	-34.4 to -28.9
5	-28.9 to -23.3
6	-23.3 to -17.8

Wildlife Tree Package

Occasionally we develop excess of certain varieties, or sometimes a tree is disfigured or not perfect enough for orchards. These make ideal candidates for wildlife areas or food forests. They will provide nourishment for deer and other wildlife, as well as for the one who planted them. These trees might come without name tags and we cannot guarantee names of any specific variety on these packages. If you would like a certain variety, you must order them from the main variety section.

• WILDLIFE APPLE PACK

199-0405	5 trees	\$74.95
199-0410	10 trees	\$124.95

• WILDLIFE PEAR PACK

199-3105	5 trees	\$74.95
199-3110	10 trees	\$124.95

• WILDLIFE PLUM PACK

199-4205	5 trees	\$74.95
199-4210	10 trees	\$124.95

• WILDLIFE MIXED PACK

199-5305	5 trees	\$74.95
199-5310	10 trees	\$124.95

Growing Tip

Everyone knows the importance of watering newly planted trees for the first summer (better yet, the first 2 or 3 summers). A drip irrigation system gets the most value out of every drop of water. Obviously this is impractical for 2 or 3 trees. Try this trick for the same effect:

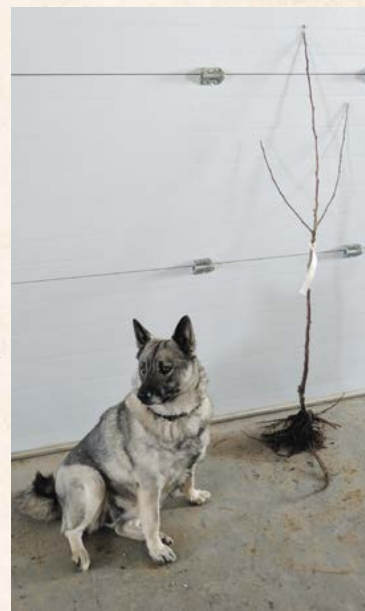
Drill one or two 1/8" holes in the bottom of a 20 litre pail. Set it next to your recently-planted tree, about 30cm from the trunk. Fill up with water and let it sit. Do this once a week, or twice a week in hot, dry spells. Alternate the bucket on different sides of the tree each week.

Bareroot Planting

Bareroot trees are dug out of the field when dormant- either late in the fall or early spring, and kept in cold storage with moist roots until planting time. Beside the obvious advantage in shipping and handling of dormant, bareroot trees, there is also less chance of transplant shock. However, timely planting is important.

We quote Micheal Phillips in 'The Holistic Orchard':

"I recommend the bareroot option hands down: young whips do not go through transplant shock like more sizeable trees that have been waiting, rootbound, in bundled soil for a year or more. People tempted by the bigger tree right there that very day, frequently end up making less-than stellar variety choice, transplanting a tree that's in full leaf (definitely not recommended), and then compromising future growth for years to come by not loosening up the roots so they can reach out beyond the matted disaster often found in the pot. Repeat after me: I will plan ahead and arrange bareroot stock to plant out at the right time." (Used by permission)



Planting Distances

These are only suggested guidelines for the home gardener and can be adjusted to fit your own situation. For example- for a fruiting hedge, you may want to decrease distance, but if you want a more spacious setting, plant farther apart.

PLANT	IN ROW	BETWEEN ROWS
APPLES (semi-dwarf)	3.5 - 4.5 m (12 - 15 ft)	5 - 5.5 m (16 - 18 ft)
APPLES (dwarf)	2 - 2.5 m (6 - 8 ft)	3.5 - 4 m (12 - 14 ft)
PEACHES, APRICOTS, PLUMS, PLUMCOTS, NECTARINES	3.5 - 4.5 m (12 - 15 ft)	5 - 5.5 m (16 - 18 ft)
PEARS (semi-dwarf)	3.5 - 4.5 m (12 - 15 ft)	5 - 5.5 m (16 - 18 ft)
PEARS (dwarf)	2.5 - 3 m (8 - 10 ft)	3.5 - 4 m (12 - 14 ft)
CHERRIES (standard)	6 - 7.5 m (20 - 25 ft)	6 - 7.5 m (20 - 24 ft)
CHERRIES (dwarf)	2.5 - 3.5 m (8 - 12 ft)	3.5 - 4 m (12 - 14 ft)
CHERRIES (shrub), Nanking Cherries	1.5 - 2.5 m (5 - 8 ft)	3 - 4 m (10 - 14 ft)
CHUMS	2.5 - 3.5 m (8 - 12 ft)	3.5 - 5 m (12 - 16 ft)
ARONIAS, CURRANTS, GOOSEBERRIES, JOSTABERRIES	1 - 1.2 m (3.5 - 4 ft)	3 - 3.5 m (10 - 12 ft)
BLACKBERRIES, LOGANBERRIES, BOYSENBERRIES	1.8 - 2.5 m (6 - 8 ft)	1.8 - 2.5 m (6 - 8 ft.)
TAYBERRIES	2 - 2.5 m (6 - 8 ft)	2.5 - 3 m (8 - 10 ft)
RASPBERRIES (black & purple)	0.6 - 0.9 m (2 - 3 ft)	1.8 - 2.5 m (6 - 8 ft)
RASPBERRIES (red & yellow)	0.5 - 0.7 m (1.5 - 2.5 ft)	2.5 - 3 m (8 - 10 ft)
ELDERBERRIES	2 - 2.5 m (6 - 8 ft)	3 - 3.5 m (10 - 12 ft)

PLANT	IN ROW	BETWEEN ROWS
BLUEBERRIES (highbush)	1 - 1.5 m (3 - 4 ft)	2 - 2.5 m (6 - 8 ft)
HASKAPS	1.5 - 2 m (5 - 6 ft)	2.5 - 3 m (8 - 10 ft)
GOUMI	2 - 2.3 m (5 - 6 ft)	2.5 - 3 m (8 - 10 ft)
GRAPES	2 - 2.5 m (6 - 8 ft)	3 m (10 ft)
GOJIS	0.9 - 1.2 m (3 - 4 ft)	2.5 - 3 m (8 - 10 ft)
KIWIS	2.5 - 3 m (8 - 10 ft)	A male can be planted up to (25 ft) from a female
MULBERRIES	3.5 - 5.5 m (12 - 18 ft)	5.4 - 6 m (18 - 20 ft)
PAW PAWS	3 - 3.5 m (10 - 12 ft)	4.2 - 5.4 m (14 - 18 ft)
PERSIMMON	4.2 - 4.8 m (14 - 16 ft)	5.4 - 6 m (18 - 20 ft)
QUINCE	3 - 3.5 m (10 - 12 ft)	3.5 - 4.8 m (12 - 16 ft)
SASKATOONS	2.5 - 3 m (8 - 10 ft)	3.5 - 4.8 m (12 - 16 ft)
SEABUCKTHORN	1.5 - 2.1 m (5 - 7 ft)	3.5 - 4 m (12 - 14 ft)
STRAWBERRIES	0.3 - 1 m (1 - 2 ft)	1m (3 ft)
HAZELNUTS	2.5 - 3 m (8 - 10 ft)	3.5 - 5 m (12 - 16 ft)
NUT TREES ORCHARD	7.5 - 9 m (25 - 30 ft)	7.5 - 9 m (25 - 30 ft)
NUT TREES FOREST	6 m (20 ft)	6 m (20 ft)

How to Order

Mail service is our primary and preferred method for you to place your order. Please fill out the order form and include your cheque or money order payment. If anything is incorrect, we will make the needed adjustments or refunds.

Call (519) 669-1349 for information or to inquire about availability.

You can order at any time during the year. In fact, we recommend ordering well in advance if you wish to reserve a certain variety or if you are ordering large quantities.

MAIL ORDERS

DORMANT TREE SHIPPING SEASONS

- mid April to end of May
- late October to mid November

BOOKS AND SUPPLIES

- all year round.

Your trees and plants will arrive packaged in a box, the roots carefully packed in damp shredded paper to ensure that they are kept moist. At times we must clip back the tops of tall trees to fit them into the box. This will not hurt your tree.

Planting instructions are included with the packing slip on the outside of the box.

Ontario orders are shipped by CanPar courier. They should arrive in 1-2 days. CanPar orders are shipped with 'NO SIGNATURE REQUIRED' stickers attached. You do not need to be home to receive it.

Most out-of-province orders are shipped by Canada Post. They can take up to 4-6 days to get to the farthest points.

Let us know when you estimate that you want to receive your order. We do our best to accommodate your preferred planting date.

Bareroot trees or plants can be stored for several weeks if you keep them in a cool, dark spot and moisten the roots every 2-3 days.

PICK UPS AT THE FARM

You are welcome to drop in between 9am and 5pm Tues-Sat. If you have preordered a significant amount of trees, we prefer that you call us several days in advance, so we can assemble your order.

We usually have some trees and some 2-gallon potted plants that are too large to ship.

End of season clearance - Sat. May 27 - Sat June 3

Some surplus bareroot trees and plants will be priced for clearout.



How to Calculate Freight

To calculate freight simply find the subtotal for your order in the left hand column. Your freight charge will be the amount found in the right hand column. For example, if the subtotal for our order is \$275.00 and you live in Ontario, the freight will be \$45.00.

YOUR ORDER SUBTOTAL	ONTARIO	QC/MB/SK	AB/BC MARITIMES
\$0 - \$49	\$20.00	\$26.00	\$28.00
\$50 - \$99	\$25.00	\$32.50	\$35.00
\$100 - \$149	\$30.00	\$39.00	\$42.00
\$150 - \$199	\$35.00	\$45.50	\$49.00
\$200 - \$249	\$40.00	\$52.00	\$56.00
\$250 - \$299	\$45.00	\$58.50	\$63.00
\$300 - \$349	\$50.00	\$65.00	\$70.00
\$350 - \$399	\$55.00	\$71.50	\$77.00
\$400 - \$449	\$60.00	\$78.00	\$84.00
\$450 - \$499	\$65.00	\$84.50	\$91.00
\$500 - \$549	\$70.00	\$91.00	\$98.00
\$550 - \$599	\$75.00	\$97.50	\$105.00
\$600 - \$649	\$80.00	\$104.00	\$112.00
\$650 - \$699	\$85.00	\$110.50	\$119.00
\$700 - \$749	\$90.00	\$117.00	\$126.00
\$750 - \$799	\$95.00	\$123.50	\$133.00
\$800 - \$849	\$100.00	\$130.00	\$140.00
\$850 - \$899	\$105.00	\$136.50	\$147.00
\$900 - \$949	\$110.00	\$143.00	\$154.00
\$950 - \$999	\$115.00	\$149.50	\$161.00
\$1000 - \$1099	\$92.00	\$119.60	\$128.80
\$1100 - \$1199	\$99.00	\$128.70	\$138.60
\$1200 - \$1299	\$106.00	\$137.80	\$148.40
\$1300 - \$1399	\$113.00	\$146.90	\$158.20
\$1400 - \$1499	\$120.00	\$156.00	\$168.00
\$1500 - \$1599	\$127.00	\$165.10	\$177.80
\$1600 - \$1699	\$135.00	\$175.50	\$189.00
\$1700 - \$1799	\$141.00	\$183.30	\$197.40
\$1800 - \$1899	\$141.00	\$183.30	\$197.40
\$1900 - \$1999	\$155.00	\$201.50	\$217.00

If your order exceeds \$2,000.00 please contact us for special rates.

These freight calculations are based on 1 to 2 year old bareroot whips.

Freight charges may change if plant is potted or more than two years old.

MONDAY OPEN BY APPOINTMENT ONLY

We are extremely busy packing orders for shipping.

We are also closed on:

Friday, April 14 - Good Friday

Thursday, May 25 - Ascension Day

ORDER FORM

ORDER FORM **SAMPLE**



2339571 ONTARIO LTD.
6987 8TH LINE WEST, R. R. 1
ELORA, ONTARIO, CANADA N0B 1S0
519.669.1349
HST: 803 240 704

DATE: _____

BILLING ADDRESS

COMPANY NAME: _____

NAME: *Bill Smith*

ADDRESS: *123 Circle Drive*

CITY: *Toronto*

PROVINCE: *ONTARIO* **POSTAL CODE:** *M6B 1D3*

DAYTIME PHONE: *(555) 555-1234*

ALTERNATIVE PHONE: *(555) 555-1235*

SHIPPING ADDRESS (if different than billing address)

COMPANY NAME: _____

NAME: _____

ADDRESS: _____

CITY: _____

PROVINCE: _____ **POSTAL CODE:** _____

DAYTIME PHONE: _____

ALTERNATIVE PHONE: _____

SHIP TO: *I will pick up my order* ☐
Same as billing address ☒

Preferred receiving date (your best guess!) _____

SKU #	ITEM	QTY	UNIT PRICE	TOTAL
<i>117-0110</i>	<i>Liberty Apple</i>	<i>5</i>	<i>33.95</i>	<i>169.75</i>
<i>112-2807</i>	<i>Freedom Apple</i>	<i>5</i>	<i>33.95</i>	<i>169.75</i>
<i>224-7641</i>	<i>Somerset Seedless Grape</i>	<i>11</i>	<i>10.95</i>	<i>120.45</i>
<i>154-6152</i>	<i>Empress Peach</i>	<i>5</i>	<i>59.95</i>	<i>299.75</i>

COMMENTS: <i>Please ship the first week of May, thank you!</i>	FOR OUT OF STOCK ITEMS PLEASE CHOOSE ONE OF THE FOLLOWING: <input type="checkbox"/> SEND COMPARABLE SUBSTITUTES <input type="checkbox"/> CANCEL AND SEND CREDIT <input checked="" type="checkbox"/> PLEASE CALL OR CONTACT ME	SUBTOTAL	<i>759.70</i>
		FREIGHT	<i>95.00</i>
		*APPLICABLE TAX	<i>111.11</i>
		TOTAL	<i>965.81</i>

*TAX RATES: BC: 5%, AB: 5%, SK: 5%, MB: 5%, ON: 13%, QC: 5%, NB: 15%, NS: 15%, PE: 15%, NL: 15%

ORDERS UNDER \$500 PLEASE INCLUDE CHEQUE OR MONEY ORDER FOR FULL AMOUNT. ORDERS OVER \$500 REQUIRE A 25% DEPOSIT WITH THE BALANCE DUE AT TIME OF SHIPPING OR PICKUP.

THANK YOU!

What's in a Name?

All of you who are not closely connected with the world of horses can certainly be excused for suspecting the word 'whiffletree' was borrowed from the enchanted fantasy world of 'Alice and Wonderland' or perhaps J. R. R. Tolkien's 'Lord of the Rings'. It begs for a definition!

Webster Dictionary defines a whiffletree as: the pivoted swinging bar to which the traces of a harness are fastened and by which a vehicle or implement is drawn.

As you now can see, whiffletree is actually firmly grounded in reality. Being unfamiliar does not make something impractical.

We see a parallel with our collection of plants and trees. At first glance growing Asian pears, paw paws, hardy kiwis and goji berries in our climate would seem to belong in the realm of wishful thinking. But after pausing to examine the evidence, it becomes apparent that these are just a few examples in the wonderful, but largely unknown territory of practical plants which can beautify your backyard while providing you with healthy, nutritious fruit. Wouldn't you find it gratifying if your landscape shrubs and trees actually rewarded you for the effort you expend in caring for them? The wisdom of growing some of our own food is rooted in our history, but the joy and deep satisfaction derived from doing it is being rediscovered by the present generation.

Returning to the name for a brief analogy - the whiffletree is a vital, but largely unnoticed component in any instance where a horse is hitched or fastened to a load to pull, be it a cart or a one horse open sleigh. It must be flexible enough to reduce stress by moving back and forth at the ends, yet sturdy and dependable enough at the center pivot point to draw the load.

Whether your project is for pleasure or profit, the Martin family looks forward to providing this vital role as a reliable and accommodating source of unique, high quality plants and products as well as helpful advice.

Gift Certificates

Other gifts come and go, but when you give a Whiffletree gift certificate you truly give the gift that keeps on giving.

Gift certificates can be purchased in any denomination and are perfect for any occasion! Please contact us for more information.





*Have questions?
Need help?*

Contact us

(519) 669.1349

HOURS Monday - Friday 8:00am - 6:00pm
Saturday 8:00am - 5:00pm

We are located at:

6987 8th Line West, R. R. 1
Elora, Ontario
N0B 1S0

Latitude 43.696155
Longitude -80.540030

