



## GRIMO NUT NURSERY

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# 2017 NURSERY CATALOG SAMPLER

**PRICE: Three letter mail Canadian stamps or \$2.**

**PLEASE NOTE: CHECK THE WEB SITE FOR UP-TO-DATE AVAILABILITY. OUR WEB CATALOG IS UPDATED ALMOST DAILY. Questions? Try our frequently asked questions too.**

Thank you for requesting our catalog. Our aim is to provide you with the best, most hardy nut trees and minor fruits for Canadian conditions. Shipping season begins in April and ends mid May. **2017 catalog will be available in December.** With a 25% deposit, reserve orders may be placed in the off season.

**Seedling and Grafted Trees** ~ In this catalog, seedling trees are defined as trees grown from seed that have not been grafted or cloned in any way. Usually the seed has been obtained from superior selections or strains. Grafted trees are biological "twins" of superior trees. By grafting, budding or layering, one superior tree can be reproduced endlessly. In this way whole orchards can produce nuts of superior quality. Grafts are usually listed in our order of preference from the top of the list. Though many nut cultivars are partially self pollinizing, best production comes from matching early with late pollinizers in grafted trees. Late pollinizers are usually identified.

A selection of potted trees are available throughout the growing season, for pick-up customers. Call for availability.

Demand for some varieties has been so great, that we have been taking orders up to one year in advance. If there are cultivars in this catalog that you would like to put on reserve for 2018 delivery, please fill out a separate order for them and we will confirm and ask for payment payable in January of the year of delivery.

### HEARTNUT (*Juglans ailantifolia* var. *cordiformis*)

The heartnut is a seed sport of the Japanese walnut. Rather than the normal egg-shaped Japanese walnut shell, the heartnut is a flattened heart-shaped nut that readily splits in two halves. When rapped on the edge, it opens like a locket, easily releasing the kernel. All of our selections have rated highly for cracking quality, nut quality and productiveness.

The heart shape with the good cracking quality may not come true in the seedlings as it does in the grafted trees. Heartnuts are generally hardier than Persian walnuts and have great commercial potential in the Great Lakes fruit growing region, a climate similar to its native Japan. In our test plots, our super selections have produced the equivalent of 1700 lb/acre at 10 years old. One young tree at 21 years of age produced 260 pounds. We estimate that at maturity, these trees are capable of producing an average of one to three tons per acre, equivalent to California walnut production. They are a low cost management crop, readily machine harvested and husked.

It is best to match late pollinizers with early ones for best production. Late pollinizers are identified in the graft section.

Winter protect the grafted area of the tree for the first 2-3 years in the colder zones of 5b-6a.

Send address & 2 Cdn stamps or \$1 for more information on commercial heartnuts. Also see [www.SONGonline.ca](http://www.SONGonline.ca).

Suited for late spring frost protected zones 5-6a, commercially best in 6b-7.

Heartnut Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
Select Heartnut Sdlg..	\$10.00	\$13.00	\$16.00	-from improved parents
Ten Seedling Special..	90.00	115.00	140.00	-ask about lots of 100
Grafted Heartnuts (G)	1-2 ft	2-3 ft	3-6 ft	
Prices when available	\$27.00	\$33.00	\$38.00	
Imshu (G).....	27.00			-medium nut, cracks out whole, late pollinizer
Campbell CW1 (G)...	SOLD OUT			-medium nut, top performer, late pollinizer
Campbell CW3 (G)	SOLD OUT			-medium nut, top performer
Simcoe 8-2 (G).....	SOLD OUT			-large, good cracker, on trial
Stealth (G) .....	SOLD OUT			-medium, 'new', easy cracker
Locket (G) .....	SOLD OUT			-medium, 'new', on trial
Adelphia (G).....	SOLD OUT			-large, good cracking, new selection, on trial



### BUARTNUT (*J. cinerea* x *J. ailantifolia*)

As the name suggests, the buartnut is a hybrid cross of the heartnut and the butternut. These trees exhibit hybrid vigor, disease resistance, heavy bearing, superior hardiness and often very unusual nuts. Zones 4 to 7. Zones mild 5 to 7 for grafted trees. Winter protect grafted area of the tree in zone 5 for 2-3 years.

Buartnut Size	1-2 ft	2-3 ft	3-6 ft	Comments
Buartnut Seedlings ...	\$12.00	\$15.00	\$18.00	-Mitchell parent, vigorous
Ten Seedling Special..	99.00			
Grafted Buartnuts (G)	1-2 ft	2-3 ft	3-6 ft	
Mitchell Buartnut (G)		\$35.00	\$40.00	-heartnut shape, hardy, early pollen, a pollen match with butternut



## BUTTERNUT (*Juglans cinerea*)

The butternut is the hardiest member of the walnut family. Trees have been selected for production, flavour and cracking quality where unbound kernels is desired. Cracking quality gives them commercial potential. They crack best end to end in the **Duke Nut Cracker**. Hardy from zone 3, grafts zone 5b up. Winter protect graft area in zone 5. Due to an introduced canker fungus, they are on the endangered list.

Butternut Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
Select Butternut Sdlg	\$10.00	\$13.00	\$16.00	-from improved parents
Ten Seedling Special	90.00			-from our best cracking selections
Grafted Butternuts (G)	1-2 ft	2-3 ft	3-6 ft	
Beckwith (G).....	SOLD OUT			-medium, most prolific bearer
Bear Creek (G).....	SOLD OUT			-medium, healthy, productive, late pollen
Kenworthy (G) .....			\$38.00	-large, from MN, late pollen
Chamberlin (G).....	SOLD OUT			-medium, from northern NY
Iroquois CA (G).....	SOLD OUT			-canker resistant, from Ottawa, ON



## PERSIAN WALNUT (*Juglans regia*)

The Persian walnut, named for the place of origin, is known by several names, including Carpathian, English and California walnut. The Polish Carpathian Mountain strain is hardier than most other European strains and has been successful in zone 6 from Lake Erie to Georgian Bay in Ontario. Thus *Carpathian* walnut has come to include all hardy Persians to distinguish them from the tender California types. We continue to evaluate selections for hardiness, productiveness, drought tolerance and walnut blight disease resistance. The trees listed below are our best for these qualities. For grafted trees, match late pollen producers with the early ones for best production. Suitable for zones 6a to 8. Grafts are suited to zone 6b-8. Winter protect graft area in zone 6a for 2-3 years.

Persian Walnut Seedling	1-2 ft	2-3 ft	3-6 ft	Comments
Select Persian Seedling	\$13.00	\$16.00	\$22.00	-from our best parents
Persian/black Seedling.	14.00	17.00		-rare hybrid, thin shell parent, Dooley 69-E
Ten Seedling Special...	115.00	140.00	199.00	-add \$5 for the Persian/black seedlings -ask about our special for 100 trees
Grafted Persians (G)	1-2 ft	2-3 ft	3-6 ft	
Prices where available	\$30.00	\$34.00	38.00	
Ames, aka 73-H-24 (G)		34.00		-large nut, very hardy, Ames, IA, productive
Combe (G) .....	SOLD OUT			-medium nut, best blight resistance, productive
Young's B1 (G).....	SOLD OUT			-large nut, well-filled, productive, hardy
Broadview (G) .....	\$30.00	34.00		-large, old variety, very hardy, productive, late pollen
Sejnovno (G).....	SOLD OUT			-large nut, productive, late pollen
Lake (G) .....	SOLD OUT			-large nut, oval, hardy, productive
Coble #2 (G) .....	30.00	34.00	38.00	-very large nut, good fill, sweet & flavorful
Bauer 2 (G).....	SOLD OUT			-large, productive, hardy, from Stratford, ON
Sigler (G).....	SOLD OUT			-large, oval, productive, hardy
Dooley 69-E Hybrid	SOLD OUT			-medium nut, very productive, rare Persian/black cross



## BLACK WALNUT (*Juglans nigra*)

The black walnut is a native tree, prized for its timber as well as the rich flavoured kernels. Selections are made for cracking and filling quality as well as hardiness. Suitable for zone 5 to 7, protected in 4.

Black Walnut Sdlg	1-2 ft	2-3 ft	3-6 ft	Comments
Black Walnut Sdlg...	\$10.00	\$13.00		- best parents, timber & nuts
Potsdam Sdlg.....	10.00			-zone 4 parent source, hardy
Minnesota Sdlg.....	10.00	13.00	\$16.00	-Very hardy, early ripening, zone 3
Morden Sdlg.....	10.00			-Manitoba source, early, zone 3
Ten Seedling Special	90.00			-Buy ten and save
Grafted Black Walnut (G)	1-2 ft	2-3 ft	3-6 ft	
Emma K (G).....		SOLD OUT		-large, very productive, excels
Thomas (G).....		\$32.00	\$37.00	-very large nut, excellent quality
Grimo 108H (G).....		32.00	37.00	-large, well filled, productive
Bicentennial (G).....		32.00	37.00	-hardy, well filled, productive
Weschcke (G).....		32.00	37.00	-very hardy, well filled, early Sept. ripening
Sparks 147 (G).....	\$27.00	32.00	37.00	-new! Iowa hardy, very productive



## PINE NUTS (*Pinus species*)

The Korean pine (*P. koraiensis*) and Swiss stone pine (*P. Cembra*) are the largest seeded of the northern hardy edible pine nuts, having a large pistachio-shaped gourmet nut. Suited for zones 4-7.

Price includes special packing to ship pots.

Plant with a shovel of soil from under an old pine tree to inoculate roots.

Pines (potted trees)	5-10"	10-18"	Comments
Swiss Stone Pine Sdlg...	SOLD OUT		-attractive, very hardy, ornamental
1 Korean pine seedling..	\$14.00		-attractive, ornamental, nuts are in the cones
2 Korean Pine Seedling.	28.00		
4 Korean Pine Sdlg.....	55.00		



## HAZELNUT HYBRIDS (*Corylus species*)

During the 20th century, efforts were made to breed hazelnuts suited to eastern North American conditions. Breeding projects were aimed at producing northern hardy trees, large nuts, bud mite and eastern filbert blight resistance. Pioneering efforts were made by J.U. Gellatly of British Columbia, George Slate of Geneva NY Experiment Station and Cecil Farris of Michigan. The breeders crossed European bush and tree hazels with native hazels creating northern hardy selections, but with variable blight resistance. Oregon State University at Corvallis, has recently produced blight resistant selections. Thomas Molnar from Rutgers University is breeding new commercial selections that will be available in the future. We use our orchards to screen cultivars and seedlings from these breeders along with our own for disease resistance. Our seedlings come from these selections now. We expect 70% of the seedlings to carry the blight resistance genes. We also have some blight immune varieties as layered selections. The recent formation of the Ontario Hazelnut Association spurred on by the Ferrero Roche Candy Company has caused an explosion of new hazelnut plantings in Ontario. These growers will provide Ferrero with nuts from our Oregon selections for their products. Other selections will be used as pollinizers.

Hazelnut Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
NY Hazel Sdlg.....	\$10.00	\$12.00	\$14.00	-NY 398 and NY 616, best NY selections, large nut
Grimo Hazel Sdlg.....	10.00	12.00	14.00	-Faroka sdlg, disease resistant parents, large nut
Turkish Tree Hazel .....		14.00	16.00	-ornamental tree form, easy care trees, small-med. nut
Ten Seedling Special...	90.00	110.00	125.00	-choose from above. Turkish not available.
Layered (L) Hazels	1-2 ft	2-3 ft	3-6 ft	
Slate™ (L).....	SOLD OUT			-large nut, medium tree, blight immune, very productive, zone 6
Gene™ (L)(formerly Geneva)	SOLD OUT			-large nut, blight immune, very productive, major pollinizer, zone 6
Cheryl (L) .....	SOLD OUT			-Large nut, blight immune, very productive, major pollinizer, zone 6
Linda (L) .....	SOLD OUT			-large nut, blight immune, very productive, like Gene, zone 6
Carmela(L)(formerly 208P)	SOLD OUT			-extra large nut, high blight resistance, pollinator, zone 6
Alex (L)(formerly 186M)....	SOLD OUT			-large nut, Faroka sdlg, bud mite & blight resistant, zone 6
Matt (L)(formerly 208D)...	SOLD OUT			-large nut, Faroka sdlg, bud mite & blight resistant, zone 6
Jefferson (L).....	\$15.00	\$18.00		-large nut, replacement for Barcelona in OR, on trial, zone 6b
Yamhill (L).....	15.00	18.00	\$21.00	-medium nut, favored selection for Ferrero, on trial, zone 6b
Tonda Di Gifoni (L).....	15.00			-medium nut, favored selection for Ferrero, on trial, zone 7
Gamma (L).....	SOLD OUT			-medium round nut, Oregon pollinator, on trial, zone 7
Farris G17 (L).....	SOLD OUT			-new introduction, Michigan selection, on trial, zone 6
Red leaf hazel (L).....	15.00			-medium nut, red leaves, moderate blight resistance, zone 6



## NORTHERN HAZEL HYBRIDS (*Corylus species*)

Much of North America is unable to grow the standard hybrids and the European hazels. We have located sources of hybrids from colder regions and identified 4 sources that we are offering here. *C. heterophylla* from Asia hybridized in Quebec is our 1<sup>st</sup> source, the University of Saskatchewan has produced our 2<sup>nd</sup> source, Carl Weschcke's work taken up by Phil Rutter in Wisconsin is the 3<sup>rd</sup> source and our native American hazel is our 4<sup>th</sup>. These sources have been grown in our mixed orchard producing some outstanding selections which we are offering as seedling and layered trees for the colder zones of 3b-8.

Northern Hazel Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
Asian/Quebec Seedlings.	\$10.00	\$12.00	\$14.00	-hardy for zone 3b-8, small to medium size nut, well filled
Saskatchewan Seedlings.	10.00	12.00	14.00	-hardy for zone 3b-8, small to medium size nut, well filled
Wisconsin Source Sdls..	10.00	12.00	14.00	-hardy for zones 3b-8 small to medium size nut, small tree
American Hazel Sdls....		12.00		-hardy for zone 3a-8, small to medium size nut, small tree
Ten Seedling Special.....	90.00	110.00	125.00	-only Asian/Qc and Saskatchewan sources are available here
Layered (L) Hazels	1-2 ft	2-3 ft	3-6 ft	
Aldara (L)(formerly Het3).	\$15.00	\$18.00		-medium nut, Asian/Qc hybrid, blight resistant, productive, mid season pollinizer, zone 3b-8
Andrew (L)(formerly Het1)	15.00			-medium nut, Asian/Qc hybrid, blight resistant, possible pollinizer, productive zone 3b-8
Northern Blais (L) .....	15.00	18.00		-medium nut, Asian/Qc hybrid, blight resistant, productive, proven hardiness 3b-8
Marion (L) .....	SOLD OUT			-medium nut, Saskatchewan hybrid, blight resistant, possible pollinizer, zone 3b-8
Frank (L) .....	SOLD OUT			-medium nut, Saskatchewan hybrid, blight resistant, possible pollinizer, zone 3b-8
Joanne (L) .....	15.00			-medium nut, Saskatchewan hybrid, blight resistant, possible pollinizer, zone 3b-8
Julia (L) .....	15.00			-large nut, Saskatchewan hybrid, moderate blight resistance, possible pollinizer, zone 3b-8
Crimson (L) .....	15.00	18.00		-red leaf ornamental, nut husks maintain the redness offering a floral look 3b-8
Skinner (L).....	15.00			-large nut, Manitoba hybrid, moderate blight resistance, productive, zone 4a-8



## SWEET CHESTNUT HYBRIDS (*Castanea species*)

The native stands of American chestnuts have been almost wiped out by the chestnut blight, a fungus disease. Work is being done to re-introduce this species with introduced blight resistance. In the meantime it is important to maintain the germ plasm by planting this species. Mud packing can be used to kill blight infections. Check with us on this simple procedure. The Chinese chestnut and its hybrids are largely blight resistant and are being planted in the interim. The Chinese/American hybrids have the greater hardiness and timber form of the native. Earl Douglass of New York produced some of the best American hybrids for blight resistance, tree form & nut quality. Chestnut gall wasp, introduced by accident from China was found locally. To avoid spreading this pest, we are instructing customers to monitor the trees to remove and burn any forming galls to eliminate pest establishment. Galls are pictured at the right time for removal in May and very early June. Sorry, no chestnut trees to BC and to the USA due to restrictions by Agriculture Canada and USDA.

Chestnut Size	1-2 ft	2-3 ft	3-6 ft	6-8 ft*pick up only.	Comments
Chinese Seedlings..	\$12.00	\$14.00	\$18.00	\$24.00	-hardy Chinese, highly blight resistant parents, zone 6
Chinese/Amer.Sdls	SOLD OUT				-American x Chinese hybrids, superior hardiness, zone 5
American Seedlings...	14.00	16.00	20.00		- small nut, native tree, blight susceptible
European hybrid Sdlg	14.00	16.00	20.00		-hardy for zone 6b-9, generally late ripening
Japanese/American Sdlg	14.00	16.00	20.00		-'Lockwood' parent, better than pure Japanese, 6b-8
Ten seedling special	110.00	120.00	160.00		-select from above unless sold out.
Grafted Chestnuts	1-2 ft	2-3 ft	3-6 ft		<b>-Grafts are only recommended for zone 6b-8</b>
Grimo 150Y (G).....		\$35.00	\$40.00	\$45.00	-large nut, Manchurian, hardy, moderate blight resistance
Gideon (G).....		35.00	40.00		-'new' large nut, Chinese chestnut, blight resistant, from Ohio
Benton Harbor (G)...		35.00	40.00		-'new, large nut, Chinese, from Michigan, blight resistant
Lockwood (G).....		35.00	40.00		-very large nut, moderate blight resistance, productive
Bouche de Bertizac (G)			40.00		-large nut, French/Japanese, very productive



## BEECH (*Fagus species*)

The European beech is hardy over a wide region from Nova Scotia to Southern Ontario in the west and can grow to 100 or more feet tall (30 m). It is not as hardy as our American beech but it transplants easier and bears sooner. The edible fruit is a small, sharply-angled nut, borne in pairs in a soft-spined, four-lobed husk. The nuts are an important wildlife food. Zones 5 to 9.

Beech Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
American beech sdlg		\$20.00		-attractive light bark, 2 are needed for nuts
European beech sdlg	\$14.00	\$18.00		-attractive green European, 2 are needed for nuts
Purple Beech Sdlg...	15.00	20.00		-European beech, attractive purple leaf, zone 5-9
Ten Beech Special...	124.00	160.00		-buy 10 and save, purple & American not included



## SHAGBARK HICKORY ©. *ovata*) & HICAN ©. *ovata* x *C. ill.*)

The hickory has a slow beginning, producing a long tap root first. After it is established it grows quickly. It is selected for cracking ease and nut size. Its rich buttery flavour is king. Leafhoppers are a problem in first 2 years. Spray late June and again in July for best survival. Of the hicans, 'Burton' is the best we have tried in Niagara. Zones 5-8. Grafts need winter protection for 2-3 years.

Hickory Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
Shagbark Hickory Sdlg	\$14.00	\$18.00		-selected named parents, hardy
Shellbark Hickory Sdlg	14.00	18.00		-selected named parents for earliness
Hican seedlings.....	14.00	18.00		-'Burton' is the parent of these trees
Ten Seedling Special...	124.00	160.00		-buy 10 and save, select from above
<b>Shagbark Hickory Grafts</b>	<b>1-2 ft</b>	<b>2-3 ft</b>	<b>3-6ft</b>	<b>-all pot grown 2-3 years to promote strong roots</b>
Grainger (G).....	\$33.00	\$37.00		-large nut, best cracking, good bearing, pollinator
Weschcke (G).....	33.00	37.00		-small nut, best cracking, annual bearing, pollen sterile
Neilson (G).....	33.00	37.00		-large nut, good cracking, annual bearing, pollen sterile
Yoder #1 (G).....	33.00	37.00	\$40.00	-medium nut, best cracking, good bearing, pollinator
Porter (G).....	33.00	37.00	40.00	-medium nut, good cracking, good bearing, pollinator
<b>Shellbark Hickory Grafts</b>	<b>1-2 ft</b>	<b>2-3 ft</b>	<b>3-6 ft</b>	<b>-all pot grown 2-3 years to promote strong roots</b>
Henry (G).....	\$33.00	\$37.00	\$40.00	-large nut, best cracking, annual bearing, late October ripening
Fayette (G).....		37.00	40.00	-large nut, best cracking, annual bearing, late October ripening
Keystone (G).....	33.00	37.00	40.00	-large oval nut, thinnest shelled of the shellbarks, good bearing
Doghouse (G).....	33.00	37.00	40.00	-large nut, rare shagbark x shellbark hickory, good cracking, new
<b>Hican Grafts</b>				<b>-all pot grown 2-3 years to promote strong roots</b>
Burton (G).....	\$33.00	\$37.00		-medium nut, good cracking, annual bearing. October ripening



## ULTRA NORTHERN PECAN (*Carya illinoensis*)

Recent discoveries have made the growing of pecans possible in Southern Ontario. Until now, the trees have been hardy but only rarely have matured nuts. Our seedlings come from Iowa & Missouri in the most northern native pecan areas. Our grafts have proven to ripen regularly here. Suited for zones 5 to 7. Grafted trees zones 6-7.

Pecan Size	1-2 ft	2-3 ft	3-6 ft	6-8 ft	Comments
Select Pecan Sdlg.....	\$14.00	\$18.00	\$24.00	\$28.00	-early ripening selections, hardy
Ten Seedling Special...	125.00	160.00	199.00		-ask about lots of 100
<b>Pot Grown Pecan Grafts</b>	<b>1-2 ft</b>	<b>2-3 ft</b>	<b>3-6 ft</b>		<b>-all pot grown for 2-3 years to promote strong roots</b>
Snaps (G).....		\$37.00	\$40.00		-small nut, very early ripening, reliable, hardy
Carlson #3 (G).....	\$33.00	37.00	40.00		-small nut, very early ripening, reliable, hardy
Lucas (G).....	33.00	37.00	40.00		-medium nut, early ripening, reliable, hardy
Deerstand (G).....	33.00	37.00	40.00		-medium nut, early ripening, hardy, a best choice
Fisher (G).....		37.00	40.00		-medium nut, mid season ripening, good bearing
Campbell NC 4 (G).....	33.00	37.00	40.00		-med. nut, Colby sdlg, earlier than parent, hardy
Warren 346 (G).....	33.00	37.00	40.00		-medium nut, northern Missouri selection



## GINKGO (*Ginkgo biloba*)

Described as a "living fossil", the ginkgo tree dates back 150 million years. This slow growing nut tree is not only ornamental, but a pollution fighter as well. The roasted nuts are considered a delicacy in its native China. The leaves are also used as a health aid. Male and female trees occur separately in seedlings. Sex cannot be determined until they flower. By grafting a female tree on a seedling, we can produce a female tree. Male tree is not required to produce nuts. Nuts will be sterile. Zone 5-8.

Ginkgo Seedlings	1-2 ft	2-3 ft	3-6 ft	Comments
Ginkgo seedlings.....	\$14.00	\$18.00		-females will produce sterile edible nuts
<b>Grafted Ginkgos</b>	<b>1-2 ft</b>	<b>2-3 ft</b>	<b>3-6 ft</b>	
Caesar (G) Male.....			35.00	-no nuts, pollinator & ornamental, pyramidal form



## OAKS (*Quercus species*)

The oaks are among our most hardy nut trees. A few of the oak species are known to produce low tannin acorns, and some of these have sweet, tasty nuts with none of the bitterness. The species that are most likely to produce large edible acorns are the *Swamp white oak* and the *bur oak*. They are very adaptable and grow over a wide area.

Oak Seedling Size	1-2 ft	2-3 ft	3-6 ft	Comments
Swamp White Oak Sdlg	\$12.00	\$15.00		-attractive ornamental, productive, zones 5-9
Bur Oak Seedlings.....	12.00	15.00	\$20.00	-tolerant of soils & climates, prefers rich bottoms, zone 4-9.
Ten bur oak special .....	105.00	129.00	185.00	-buy 10 and save. Bur oak only.



**MULBERRY (*Morus*)**

An abundance of fruit is produced by these vigorous carefree trees. No need to spray. Grows in a wide variety of soils. Suited for zones 5b to 7.

Mulberry Grafts	2-3 ft	3-6 ft	Comments
Illinois Everbearing (G)	\$25.00	\$30.00	-black fruit, delicious, all summer, our hardiest
Capsrum (G).....		30.00	-black fruit, large sweet fruit, long season
Carman (G).....		30.00	-large white sweet fruit, short season, very productive
Ivory (G) .....		30.00	-large white sweet fruit, short season, very productive
Italian (G).....		30.00	-large black, delicious, long season, zone 7-10
Kukosa (G).....		30.00	-large purple, delicious, 3 week season

**PERSIMMON (*Diospyros virginiana*)**

A delicious unusual fruit. Astringent until very soft. Zones 6 to 8. Seedlings can be male or female. Sometimes male trees have fruit too. No need to spray. Grafts are all female trees. Protect grafts in zone 6.

Persimmon Sdlg Size	1-2 ft	2-3 ft	3-6 ft	Comments
Persimmon Sdlg.....	\$11.00	\$15.00	\$20.00	-sexes cannot be determined
3 Persimmon Special...	29.00	41.00	53.00	-buy 3 and save, a surer way of getting both sexes
10 Persimmon Special	95.00	130.00		-save even more with 10 trees
<u>Grafted Persimmons (G)</u>	<u>1-2 ft</u>	<u>2-3 ft</u>	<u>3-6 ft</u>	<u>More Potted grafts will be ready late June</u>
Campbell NC10 (G)....	SOLD OUT			-medium size, oval fruit, good producer, sweet
Gordon (G).....	\$30.00	\$35.00	\$40.00	-medium size, oval, good producer, a favorite
Peiper (G).....	SOLD OUT			-modest size, sweet, early ripening, prolific
Szukis (G).....	SOLD OUT			-medium size fruit, female fruit but may sport male limbs
Yates (G).....	30.00	35.00		-medium size, sweet fruit, hardy, sweet, late ripening
John Rick (G).....	30.00	35.00		-medium size, hardy, needs a long season

**PAWPAW (*Asimina triloba*)**

This unusual small native tree is not only strikingly ornamental with its delicate purple blooms in the spring and its drooping leaves, but it produces clusters of custard-like oval fruits that ripen in the fall. The trees are insect and disease resistant. The leaves and twigs have anti-oxidant properties as well as insecticidal uses. Zones 5 to 9 in well-drained soil. Protect from grass competition and strong winds in the first 2 years. Smaller trees (1-2 foot and 2-3 foot) will grow faster and better from the use of a 3 foot tree shelter available in the Nut Grower Essentials section.

Pawpaw Seedling Size	1-2 ft	2-3 ft	3-6 ft	Comments
Pawpaw Seedlings.....	\$24.00	\$28.00	\$32.00	-from our own orchard of improved selections
3 Seedling Special.....	65.00	76.00	86.00	-special price for three, great for pollination
Ten seedling Special..	204.00	239.00	272.00	-a better special for ten. Great for fresh market sales

**FIG (*Ficus carica*)**

Often two crops per year of delicious fruit are produced by these productive trees. Pest and disease free, they require no spraying. Hardy to -10°C (12°F), they must be bent to the ground and covered for winter in zones 6-8. For all areas they may be large pot or tub grown and brought into a cold above freezing place for winter like a. Our potted trees are shipped bare root.

Fig size	1-2 ft	2-3 ft	3-6 ft	Comments
Natalina Fig (L).....	\$22.00	\$26.00	\$30.00	-abundant 1" very sweet purple fruit, a favorite of ours
Hardy Chicago (L)....		26.00	30.00	-very similar to Natalina, a wonderful fig
Brown Turkey Fig (L).	22.00	26.00		-good producer of 1" sweet purple fruit
Bifara Fig (L).....	22.00	26.00	30.00	-large 2" purple fruit, sweet, late ripening
Ficazzana (L).....	22.00	26.00	30.00	-med./large green skin & flesh, productive, sweet
Lattarula (L).....	22.00	26.00	30.00	-med. green skin & flesh, productive, rich and sweet
White Barol (L).....	22.00			-large green skin & flesh, productive, sweet
3 fig special (L) .....	59.00	67.00	77.00	-buy 3 and have variety, select from available sizes & list on form

**Quince (*Cydonia oblonga*)**

Quince fruit is used fresh, stewed, preserved or made into jams and jellies. The tree is adapted to a wide range of soils and is best suited to zone 6-8 climates where apples and tender fruit are common. They are self pollinating. Sorry, no quince trees to the USA or British Columbia. Plant in a sheltered spot for zones 6-8.

Grafted Quince (G)	3-6 ft	Comments
Giant of Zagreb (G).....	\$33.00	-very large fruit, heavy bearing, ripens late Sept.



## NUT TREATS TO TICKLE YOUR FANCY

In this section, we feature Ontario grown fresh nuts & nut meats. For eating out of hand, roasting, candy-making or baking, our nuts can't be beat. The fresh taste comes through. Buy them for yourself or as a gift for that special person. We have the following available as long as supplies last. Check the website for up-to-date offerings. [www.grimonut.com](http://www.grimonut.com)

**In-shell nuts per pound;** Heartnuts (sold out); Persian walnuts \$5.00; local black walnuts \$4.25.

**Nut meats per pound;** rich tasting black walnut pieces \$15; pecan halves and large pieces \$14; Persian walnut halves & large pieces, \$13.

**For shipping, please add:** ON/QC \$15, Maritimes & Prairies \$17, BC \$18; No additional postage is needed for multiple amounts as this is included in the price of the nuts. The stated mailing price is the cost added regardless of the number of pounds. For example, if 5 pounds are ordered for Ontario delivery, simply add \$15 to the total of the nut order and appropriate provincial/federal tax on the shipping only (13% for Ontario or \$1.95 and 5% for provinces with GST only). Sorry, no nuts or nut meats to the United States due to FDA bio-terrorism regulations.



## NUT GROWER ESSENTIALS

**PLANTRA™ TREE SHELTERS...**We recommend our 2 foot tall "C" style tree tubes for our grafted and seedling trees in the 1-2 foot size, and 3 foot tall "O" style for the 2-3 foot size trees. 5 foot vented "O" style deer tubes are recommended for larger trees and where deer are a problem, Cable ties are included but not the stake. All tubes will help the trees to grow straight, suppress low branches, maintain a central leader and act as a mini greenhouse. Support the 2 foot with a 3 foot bamboo stake. 4 & 5 foot stakes are suggested for the 3 & 5 foot size shelters. **Minimum order 20 at 2 foot or 10 with other shelters unless ordered with trees.** Inquire about special pricing for full pallet orders of 5400 of 2 ft, 3600 of 3 foot & 1200 of 5 ft.

2 ft Plantra™ shelters: Single price... \$2. Packs of twenty 2 ft shelters...\$32. Packs of 100...2 ft shelters...\$130.

3 foot stakes for 2 foot shelters: Single \$0.75. Bundles of 20...\$14. Bundles of 100... \$60.

3 ft Plantra™ shelters: Single price..\$3. Packs of ten 3 ft shelters...\$27. Packs of fifty 3 ft shelters...\$125.

4 foot stakes for 3 foot shelters: Single \$1. Bundles of 10...\$9. Bundles of 50... \$35.

5 ft Plantra™ shelters: Single price... \$4.50 ea. Packs of ten 5 ft shelters...\$42. Packs of fifty 5 ft shelters...\$175.

5 ft stakes for 5 foot shelters: Single \$1.20. Bundles of ten for \$11; fifty for \$50.

Extra shipping charges may apply. Contact us for shipping quote. Add GST or HST as appropriate.

**LITTLE DAVEY...**Picks up medium to large sized nuts easily. Spring steel tines adjustable for various sizes. **Price: \$30.** Shipping: ON/QC \$20, Prairies & Maritimes \$24, BC \$26 for 1 or 2 units in the same box + GST/HST. US orders, **\$30** each, add \$25 for surface mailing of 1 or 2 units. No tax.



**THE NUT WIZARD...**The football shape wire cage rolls on the ground and nuts magically slip inside.

The 17" model that picks up golf ball size to black walnut size nuts is **\$65.**

The 14" at **\$60** picks up golf ball down to large acorn size.

The 12" at **\$55** picks up acorn and hazelnut sizes.

Shipping: ON/QC \$30, Prairies & Maritimes \$45, BC \$50,+ GST/HST & US \$65 for 1 to 4 units in one box.



**THE KENKEL NUT CRACKER...**Simple in design, this nutcracker adjusts for all nut sizes with a simple top screw. Lever action with a 21" handle cracks hard shelled nuts. Base not included. Mount to a wall stud or 2 x 8 lumber. Price:**\$60** Shipping: ON/QC \$18, Prairies & Maritimes \$22, BC \$25,+GST/HST. US orders, **\$60** plus \$15 for surface mail. No tax.



**THE DUKE BLACK WALNUT CRACKER...**Cracks the hardest nuts including black walnut and butternut, easily releasing large kernel pieces. Base included. **Price \$84.** Shipping for ON/QC \$20, Prairies & Maritimes \$22, BC \$25,+GST/HST. US orders, **\$84** plus \$15 for surface mail. No tax.



**TREE TANGLEFOOT KIT...**Great for figs and mulberries. Prevents ants & crawling insects from damaging fruit. 3 feet of material. Priced at **\$12.** Shipping: ON/QC \$10, Prairies & Maritimes 13, BC \$15 plus GST/HST for Canada. US orders, add \$11 for shipping. No tax.



## NUT GROWER CLUBS

**Northern Nut Growers Association.** [www.nutgrowing.org](http://www.nutgrowing.org) for membership, etc. c/o William Sachs, Treasurer, NNGA, PO Box 6216, Hamden, CT 06517-0216.

**Society of Ontario Nut Growers (SONG) and Eastern Chapter (ECSONG),** \$17 per calendar year or \$45 CDN, \$50 USD for 3 years. c/o Bernice Grimo, Treasurer, 979 Lakeshore Rd, R.R.3, Niagara-on-the-Lake, ON L0S 1J0. [www.songonline.ca](http://www.songonline.ca)

**The Quebec Nut Growers** - Contact: [info@noixduquebec.org](mailto:info@noixduquebec.org)

**The Maritime Nut Growers** - Contact the secretary Fran Smith [maritimenuts@gmail.com](mailto:maritimenuts@gmail.com) .

## BOOKS

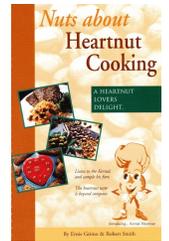
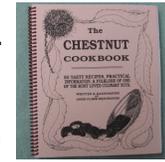
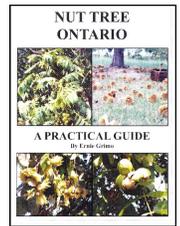
**Nut Tree Ontario-A Practical Guide**, (2011) with 129 full color pages is **free** with a **new** 3 year, \$45 SONG (\$50 US) membership. Make memberships payable to SONG, send to Bernice Grimo, Treasurer, above.

**OR:** Book alone is \$20 picked up or **\$26 CAD, \$32 USD**, postage included. Payable to Grimo Nut Nursery. Canadians add 5% GST.

**The Chestnut Cook Book** (123 pages) has approximately 95 recipes for this versatile nut. The book includes folklore and practical information as well. \$18 Canadian + GST & \$22 USD, postage included.

**Nuts About Heartnut Cooking - A Heartnut Lovers Delight** (100 pages, some in color) has approximately 100 recipes for this highly nutritious nut. This cookbook is the first ever published that features the heartnut exclusively. Of course, the recipes can be used for other nuts as well. \$18 Canadian + GST and \$22 USD, postage included.

**Grow Figs where You Think You Can't** - A delightfully written 60 page full colour book telling all about fig growing in Ontario by Steven Biggs of Toronto. \$24 Canadian +GST, and \$27 US, postage included.



## GUARANTEE

All trees are freshly spring dug and carefully inspected before shipping. We guarantee that our stock will grow. If any of our trees fail to leaf out and grow, there is up to 100% replacement allowance on such trees, provided they have been properly handled, planted, and have not been damaged by late frost, a poor planting site, or insects, etc. We reserve the right to limit the replacement amount. A picture &/or a detailed written description concerning the death of the tree or grafted portion must be received by September 1, but not before June 20 to qualify. We may ask for the return of the grafted portion, or photos as proof of loss. Replacements to be shipped must also include minimum shipping charges unless it is included with a new order. All replacements are shipped in the following spring.

## PAYMENT

For advance **mail orders and pick up orders over \$1000**, we require a minimum of 25% deposit with the order and payment in full **by cheque, e-transfer, money order or cash before March 31**. Customers who confirm can pay balance at pickup by cheque. We reserve the right to charge 3% additional to cover credit card fees on large orders. For mail orders under \$1000, payment in full is required on ordering. An exception is made for orders placed before January of the shipping year. Payment on these will be processed in January to confirm the order.

We encourage payment to be made in Canadian or US personal or business cheque, Canadian and International money order, e-transfer, cash, Visa, or MasterCard. We accept payment in Canadian & US funds at par.

Orders placed in (April-May) for mailing must be paid by money order, e-transfer or credit card only. (A 3% card fee may be charged.)

We encourage customers to place their order on our shopping cart at [www.grimonut.com](http://www.grimonut.com) .

## SHIPPING

**Canadian tree orders:** for packing and shipping under \$200, ON and QC please **add \$30 minimum**. For NL, NS, NB, PE, MB, AB & BC where order is under \$200 please **add \$35 minimum**.

**American tree orders:** under \$200 will be assessed a flat fee of **\$30** to cover the added costs of phytosanitary certificate, customs, brokerage and delivery fees.

Orders over \$200 minimums above add 15% of the order total.

Orders over \$1000 add 10% of the total order.

Orders over \$3000 add 9% of the total order.

American customers please check with your postal service for the correct postage to Canada. It is higher than the usual US rate. Please use the correct postage to avoid having your letter to us returned to you undelivered. American orders received after mid-April will have added costs since they will need to be shipped individually by air mail and won't benefit from our bulk shipping prices reflected here and online.

Shipping season begins in April & ends about May 10. We ship by Canpar in most of Ontario and Quebec, by Expedited Parcel Post to other provinces in Canada and box numbers. We use surface courier service in the US. Our last US shipping date is usually the last week in April and orders must be placed a week prior to arrange for inspections.

Canadian orders outside of ON & QC (under \$200) with large size trees (3-6 foot) may wish to pay the Canada Post oversize surcharge which includes a larger size box, costing an extra \$10.00. Please indicate this on the order form. Maximum standard size is one metre long. Our next box size is 1.2 metres, so the \$10.00 applies for this size and larger. This size allows for larger trees, but our normal shipping charge does not. Our normal procedure is to cut the trees back, or with hazels to bend the trees around in the box. Neither option does any real harm to the subsequent growth or vigor of the trees.

To reduce correspondence costs, confirmation of most orders will be your cancelled cheque or your credit card transaction. If you receive a reply from us, it is to inform you of necessary changes to your order. However, we do send a confirmation reply with all website orders. Please keep a copy of your order for your reference. If you require a marked paid invoice, we would be happy to comply.

### **DISCOUNTS (available to customers who pay by cheque)**

Tree orders over \$1000 CAD or US get a 5% discount.

Tree orders over \$2000 CAD or US get 10% discount.

Tree orders over \$3000 CAD or US get 11% discount.

Extensive consulting that is already covered in our written information, or added paper work, and time consuming emails negate or reduce discounts at our discretion.

### **MISCELLANEOUS**

A charge of \$1 or two letter rate Canadian stamps (\$2 US) covers the cost of producing and mailing our annual catalog. All customers who wish to receive a paper copy will receive one the following year if requested on the order form, otherwise please sign up for an email catalog on our home page. Our website stock is updated almost daily.

Mid to late April is generally the best planting time, so pick-up customers should plan around this. Please call or email in advance so we can prepare your trees.

HST/GST must be included by all Canadian customers. 13% HST applies to all out of province pick-up customers.

Word of mouth is our best advertising. If you are satisfied with our stock, please pass the word about us. Better yet, share your catalog or our site **www.grimonut.com** with them.

### **WHY NUT TREES?**

Nut trees are among the best multi-purpose trees. They not only make fine shade and ornamental trees, but also provide timber and a crop of valuable nuts.

Careful thought should be given in choosing between grafted or seedling trees. If one or two trees is being planted, consider the grafted tree. Grafted trees are duplicates of the selections that have the best flavor, production, cracking quality, and filling of the kernel. Grafted trees come into bearing at an early age, sometimes within two or three years. In nut most species, it is just as important to plant grafted nut trees as it is to plant grafted fruit trees. Seedling trees have variable characteristics and may start to bear later. In some nut species, seedling trees are quite acceptable. This would be mentioned in our catalog information. For example, our walnut seedlings are grown from our best grafted selections and so most seedlings are acceptable trees.

### **CULTURAL REQUIREMENTS**

Planting and cultural requirements are similar to practices followed for other fruit and ornamental trees. **Plant in a well-drained site with the root collar just below the surface.** The graft should be above the ground. Trees planted too deeply may die. Use good topsoil and tamp it firmly but gently around the roots. Protect the roots from drying sun and wind while preparing the hole. Water well after planting. Prune the top or side branches for a total of about one-fifth of the surface area to balance the loss of roots and to promote vigor. **Control of weeds and other competition in a one metre (yard) circle is very important** for at least the first three years. A mulch or bi-weekly cultivation will aerate the soil and cause superior growth in the critical first 2 years. We do not recommend fall planting for most nut trees & so do not dig and ship orders until spring. All orders are held until then.

Generally two or more different cultivars are needed for cross pollinizing. This means that two grafted Gideon chestnuts will not cross pollinize since they are identical twins. For cross pollinizing, two seedling trees, a seedling and a grafted tree or two different cultivars will be needed.

Spacing requirements vary with the type and age of tree. Persian walnut, butternut, hickory, heartnut and chestnut should be planted about 12 m (40 ft) apart; black walnut, and pecan 15 m (50 ft) apart; hazels 5 x 3 m (18 x 9 ft) or (18 x 18 ft) apart. Plant at double spacing to get early production, then thin trees when crowded. See our book or at our website for more information on spacing.

Nut trees should be planted in good well-drained soil. Drainage is more critical than soil type, though, chestnuts prefer a sandy loam. Tile drains should be installed to improve the drainage. It allows for earlier use of the land and improves soil conditions at harvest. Irrigation is also important during drought periods especially. Drip irrigation is most efficient.

Chestnuts do best with a soil pH of 4.5 to 6.5; black walnuts, heartnuts, hazels, butternuts, hickories and Persian walnuts, 6 to 7. Agricultural lime added to the soil will raise the pH and agricultural sulphur will lower it.

Fertilize with a cup of bonemeal mixed in the soil at planting time. Do not use granular fertilizer in the first year. You may use a concentrated water soluble 20-20-20 solution in 3 applications 2 weeks apart to June 30. In the second year, use 2-3 cups of 20-10-10 granular fertilizer, one in each of mid-April, May and June. Increase the amount annually, continuing with the three applications. A soil test will give specific recommendations, but if a bearing tree is making less than 10 cm (4") of growth after the first year, or the leaves are pale, increase the rate. Do not feed after June 30th, as the trees may not harden properly for winter. Planted in small numbers, nut trees would require little spraying. By pruning infections out and keeping infected nuts and debris picked up, disease can be minimized. If a serious problem occurs, contact your local agriculture agent for information and suitable controls.

