

# 2019 Spring Conservation Tree, Shrub, and Fruit Fundraiser



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## Catalog

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### REFORESTATION CONIFERS

<u>Conifer Seedlings</u>	Seedling Size	Mature Height	Sunlight	Moisture	Environment/Characteristics
White Pine (2-0) or 4A plug	6-12"	80-100'	FS/PSH	Dry-Moist	Fast growth; long lived; drought sensitive.
Red Pine (2-0) or 4A plugs	6-12"	50-80'	FS	Dry-Mod	Mod-fast growth; pulp & timber; windbreaks; reforestation; drought tolerant.
Blue Spruce (3-0)	12-18"	30-60'	FS/PSH	Dry-Moist	Slow-med; dense pyramidal shape, wind-break; cover.
Norway Spruce (2-0)	12-18"	40-60'	FS/PSH	Dry-Mod	Med fast growth; windbreak; cover; dark gr needles.
White Spruce (3-0) or 4A plugs	6-12"	40-60'	FS/PSH	Dry-Moist	Med-slow; tolerates adverse conditions; med green.
Black Spruce (3-0)	12-18"	30-40'	FS/PSH	Wet	Slow growing; wildlife cover tree; thrives in swamps.
Balsam Fir (4A plugs)	8-10"	25-60'	FS/SH	Mod-Moist	Mod-fast growth; wildlife cover; Christmas tree.
Fraser Fir (4A plugs)	8-10"	30-40'	FS/PSH	Mod-Moist	Fast growth; silver-green needles; Christmas tree.
Tamarack (4A Plugs)	8-10"	40-80'	FS	Moist-Wet	Slow-med; deciduous conifer of swamps; rot resistant; wildlife.

**\*\*Bareroot seedlings:** 2-0 means 2 years in the seed bed and dug for sale. **Plugs** are grown in a greenhouse in containers trays for 1 year, removed with the soil/root ball intact; a 4A Plug has approx 1" x 4" root ball (4 cu in); a 77 Plug has a 10 cu in root ball.



### Trees, Shrubs, & Fruits



<u>Large Trees</u>	Seedling Size	Mature Height	Sunlight	Moisture	Environment/Characteristics
Bigtooth Aspen (1-0)	18-24"	50-70'	FS/Psh	Moist	Fast; yellow/gold FC; stump sprouts; high yield timber.
Paper Birch (White) (1-0)	12-18"	50-70'	FS	Mod-Moist	Fast; white peeling bark; shorelines and reforestation.
Butternut (White Walnut) (1-0)	18-24"	40-60'	FS	Moist	Slow; ridged and furrowed bark; nuts for baking & wildlife.
Black Cherry (2-0)	12-18"	50-60'	FS/PSH	Dry-Moist	Fast; wildlife habitat & food; stump sprouts; timber.
Shagbark Hickory (1-0)	12-18"	60-80'	S/SH	Dry-Moist	Slow growing; long lived; hard wood; taproot; cover & food.
Red Maple (2-0)	12-18"	40-60'	FS/Sh	Wet-Dry	Med-fast; grows almost anywhere; red fall color.
Sugar Maple (1-0)	12-18"	60-90'	PSH/Sh	Mod-Moist	Slow; long lived forest tree; syrup; timber.
Bur Oak (77 Plugs*)	8-10"	70-80'	FS/PSH	Dry-Moist	Slow growth; wildlife and timber; Oak Wilt resistant.
Red Oak (1-0 or 77 Plugs*)	10-18"	60-75'	FS/PSH	Dry-Mod	Med-fast growth; wildlife; timber; avoid pruning Apr-Jul.
Swamp White Oak (1-0)	12-18"	50-60'	FS/PSH	Moist	Slow-med growth; occasional flooding ok; wildlife.
White Oak (1-0)	12-18"	50-80'	FS/PSH	Dry-Mod	Slow-med growth; wildlife and timber; less Oak Wilt.
Black Walnut (2-0)	18-24"	50-75'	FS	Mod-Moist	Fast growth; wildlife; timber on good soils.

<u>Sm Trees &amp; Shrubs</u>	Seedling Size	Mature Height	Sunlight	Moisture	Environment/Characteristics
Red Cedar (Juniper) (3-0)	12-18"	30-40'	FS/PSH	Dry-Moist	Prickly conifer; windbreaks; bird food.
White Cedar (3-0)	12-24"	30-45'	FS/SH	Wet	Slow; winter deer food and cover; rot resistant wood.
Black Chokeberry (2-0)	18-24"	6-10'	FS/PSH	Dry-Moist	Adaptable; white flwr; tart black fruit; red FC; wildlife.
Roselow Crabapple (1-0)	12-18"	8'	FS	Mod-Dry	Large qty persistant fruit; dense; grouse favorite.
Redosier Dogwood (2-0)	12-24"	10'	FS/SH	Dry-Wet	Attractive red twigs; wetlands; erosion control; wildlife.
American Hazelnut (1-0)	12-18"	10-15'	FS/PSH	Mod	Med-fast; thickets; wildlife cover/food; deer resistant.
Winterberry Holly (1-0)	12-18"	5-10'	FS-PSH	Wet-Moist	Slow; colonizes; bright red fruit persists; wildlife food/cover.
Ninebark (1-0)	12-18"	6-8'	FS/PSH	Moist-Wet	Med-fast; attractive bark & FC; wildlife cover/food.
American Plum (2-0)	12-24"	15-25'	FS	Moist-Dry	Med-fast; hardy; forms thicket; wildlife cover/food.

<b>Allegheny Serviceberry (1-0)</b>	12-18"	6-20'	FS/PSH	Dry-Moist	Slow; small tree; white flwrs May; fruit June; wildlife or pies.
Amer. Cranberrybush Viburnum (2-0)	12-18"	8-12'	FS/PSH	Mod-Moist	Red berries persist for winter wildlife food; yellow-red FC.
<b>Arrowwood Viburnum (2-0)</b>	12-24"	6-10'	FS/PSH	Mod	Upright multi-stem shrub; good hedge; white flwrs; blue fruit; windbreak; birds & butterflies.
Common Witchhazel (1-0)	12-18"	8-10'	FS/SH	Moist	Frag yellow flwrs in Oct; multi-stem upright; wildlife food.
<b>Apple Seedlings for Wildlife (2 yr)</b>	36-48"	15-25'	FS	Mod	Seed grown & hardy-locally acclimated; bundle 5; deer.

<u>Edibles</u>	Bundle Size	Environment/Characteristics
Viking Asparagus KB3 (2 YR)	10	Very hardy; good yield; green spears; rust resistant; Zone 4.
<b>Darrow Blackberry (1 Yr, No 1)</b>	Each	<b>Vigorous; upright with thorns; lg sweet berry; rust res't; hardy; Zone 3.</b>
Northland Blueberry (12-18")	Each	Early season; low; spreading bush; med size firm fruit; Zone 3.
<b>Heritage Raspberry (1 Yr, No 1)</b>	5	<b>"Everbearing"-means two crops on same canes- ripens June and early Sept. Excellent red fruit; with sweet taste. High yielding. Very hardy. 2 yr; bareroot.</b>
September Raspberry (1Yr, No 1)	5	Everbearing; delicious red tart-sweet fruit; cold hardy; vigorous; Zone 3.
<b>Sparkle Strawberry (Bare root)</b>	25	<b>Midseason; med size; excellent flavor; Zone 3.</b>
Shiitake Mushroom Log (4')	Each	Grow your own! Logs inoculated with Shiitake spawn (meaty texture; woody flavor); will produce in first year; needs shade and regular watering.

<u>Fruit Trees</u>	Ripens	Environment/Characteristics
Chestnut Crabapple (Standard)	Mid	2" fruit- sweet nut-like flavor; wildlife; good pollinator; late Aug; stores; Zone 2.
<b>Whitney Crabapple (Standard)</b>	Mid	<b>Large red-orange fruit; fresh eating or sauce; late Aug; short storage; Zone 3.</b>
Connell Red Apple (Semi-dwarf)	Late	Lg; sweet apple; great eating apple; heavy bearer; ripens mid-Oct; Zone 4.
<b>Frostbite Apple (Semi-dwarf)</b>	Late	<b>Hardy; small intensely sweet-tangy apple; eating or cider; late Sept-mid Oct; Zone 3.</b>
Honeycrisp Apple (Semi-dwarf)	Late	Sweet; crisp; & juicy fruits are great eating; ripens late Sept; stores well; Zone 4.
<b>KinderKrisp Apple (Semi-dwarf)</b>	Early	<b>Small snack-sized yellow/red fruit; precocious; sweet &amp; crisp; eat fresh; Zone 4.</b>
Liberty Apple (Semi-dwarf)	Late	Prolific bearer; med tart red apples; disease resistant; ripens late Sept; Zone 4.
<b>McIntosh Apple (Standard)</b>	Late	<b>Sweet/tangy juicy red-green fruit; heavy bearer; eat or cook; late Sept; Zone 3-4.</b>
Norland Apple (Standard)	Early	Very hardy; prolific bearer; sweet/ red striped; natural dwarf; eat or cook; store 4 mos; Zone 2.
<b>Wolf River Apple (Standard)</b>	Late	<b>Lg hard apples; great for deer &amp; cooking; disease resistant; ripens Oct; Zone 3</b>
Ure Pear* (Standard)	Early	Hardy; 15' tall'; small Bartlett-like fruit with good flavor; Needs pollinator; Zone 2.
<b>Pollinator Pears* (Standard)</b>	Early	<b>Either 'Early Gold' or 'Golden Spice' Pear; depending on availability; Zone 3.</b>
Pipestone Plum* (Clingstone) (Std)	Early	Huge red fruit; sweet & juicy; vigorous; heavy bearer-Aug; Zone 3; Needs Toka.
<b>Toka Plum* (Clingstone) (Std)</b>	Mid	<b>Red-bronze fruit; bubblegum flavored; best pollinator; heavy bearer; Sept; Zone 3.</b>
Evans Bali Sour Cherry (Standard)	Early	Sweeter "sour" cherry; 1" dark red fruit-Aug; baking/ fresh; self-pollinates; Zone 3.
<b>Sweet Cherry Pie Sour Cherry (Std)</b>	Early	<b>Sweetest sour pie cherry; red fruit mid-July; self-pollinates; jams/pies; Zone 4.</b>

*\*Plum & Pear trees need a specific pollinator. Crabs and apples pollinate others in same bloom season. Standard trees approx. 18-25 ft. Semi-dwarf trees 12-15 ft and reach fruiting age sooner than std trees. Fruit trees need full sun. Lower Zone number is hardier.*

<u>Planting Supplies</u>	Description
Planting Bar	Speeds planting of seedlings; steel; 4" pointed forged blade and footstep; handled shaft.
<b>5' Tree Protectors</b>	<b>Vented; corrugated plastic; speeds height growth; protects against deer browse; Requires one 6' stake.</b>
Bamboo Stakes	6' H x 1/2" diam natural bamboo stakes for tree protectors.
<b>Tree Wrap (pkg of 5)</b>	<b>36" high vinyl spiral; protects fruit trees against winter rodent damage; remove before summer.</b>
Plantskyd Repellent (3 lb)	Deer repellent granules placed around base of plant; last up to 6 months.
<b>Root Gel (2 oz)</b>	<b>Helps trees store water; enhances survival in dry conditions; 2 oz. treats 1000 seedlings</b>