

OTSEGO CONSERVATION DISTRICT SEEDLING SALE FUNDRaiser

SPRING 2021 SEEDLING DESCRIPTION & PRICE LIST

Order early to ensure the species you want!
Orders are due by March 26, 2021.

**Friday & Saturday, April 30th & May 1st
8:30 a.m.- 5 p.m.**

Seedling Sale will be held at the
Otsego Conservation District
Education Center
459 Livingston Blvd., Gaylord
(Alpine Center)



**Production of this booklet has been
made possible by these businesses and
individuals committed to conservation.**

Melinda Study
Brand Land Surveying LLC
Community Financial Credit Union
Wagar Buick GMC
Gaylann Rowe-Brown & Robert Brown

*Please patronize the businesses that support the
important work of the Otsego Conservation District.*

The best time to plant a tree was 50 years ago.
The next best time is NOW.

CONIFERS

Balsam Fir

Height: 30-80'

Fragrant, soft needles make this an excellent Christmas tree. A slow growing tree that is adaptable to a variety of sites. Seedlings should be protected on sites that are heavily populated by deer and wind.

Abies balsamea

Shade; moist to wet soils

Jack Pine

Height: 40-60'

Very fast growing and grows in extremely dry conditions. Excellent for wildlife cover, windbreaks, and for timber production even on the poorest of sites. Extremely cold and salt tolerant.

Pinus banksiana

Full sun; very sandy soils

Concolor Fir

Height: 40-70'

An important Christmas and ornamental tree because of its graceful form and blue-gray foliage. Must be shaped if grown for Christmas tree production. Well adapted to dry sites and soil and water stress.

Abies concolor

Full sun to shade; sandy to moist soils

Red Pine

Height: 65-100'

Also known as Norway pine. Fast growing pine on sandy soils. Valuable for timber, reforestation, windbreak and wildlife cover. Plantations are first thinned at 30 years. Sheds lower branches as it matures. Long lived.

Pinus resinosa

Full sun; sandy to gravelly soils

White Spruce

Height: 50-80'

Native to Michigan. Slow growing, long lived species. Retains lower branches making it excellent for wildlife cover, windbreaks and visual screening. Limited timber value. Needles have a pungent odor when crushed. Salt tolerant.

Picea glauca

Partial shade; sandy to moist soils

Eastern White Pine

Height: 70-100'

Michigan's State Tree. Best if planted under/near taller trees. This will reduce the chance of white pine weevil infestation. Fast-growing tree. Used for timber, Christmas trees, and wildlife habitat.

Pinus strobus

Partial shade; wide range of soils

Norway Spruce

Height: 50-80'

Moderately fast-growing. Graceful, pendulant branches with large cones (used as a model for cuckoo clock manufacturing). Used for windbreaks, wildlife habitat, and as an ornamental.

Picea abies

Full sun to shade; wide variety of soils

Tamarack

Height: 40-80'

A deciduous conifer with delicate needles that turn bright golden in the fall prior to falling off.

Larix laricina

Full sun to partial shade; moist to well-drained soils

Colorado Blue Spruce

Height: 30-60'

Drought resistant once established. Beautiful ornamental and Christmas tree. Excellent for windbreaks, soil stabilization, and wildlife cover. Slow growing. Avoid planting with Douglas Fir. Salt tolerant.

Picea pungens

Full sun to shade; sandy to moist soils

Northern White Cedar

Height: 30-50'

Grows best in soils with a pH of 7.0 or higher. Very slow growing. Primary species of northern swamp conifer forest. Used as food by deer and elk. Wood is rot resistant.

Thuja occidentalis

Full sun to shade; moist to wet fertile soils

HARDWOODS

American Chestnut

Height: 30-40'

Large, fast-growing, nut-producing tree threatened with extinction by a chestnut blight. Sweet nuts eaten by humans and many wildlife species. Excellent for firewood usage. Rot resistant wood.

Castanea dentata

Full sun; well-drained soils

Sugar Maple

Height: 60-100'

Also referred to as "hard maple." Primary species of the northern hardwood forest. Used for quality lumber, veneer, and maple syrup production. Golden yellow foliage in autumn. Salt tolerant.

Acer saccharum

Shade; moist, fertile to sandy soils.

Black Walnut

Height: 60-90'

The nuts are excellent for wildlife and humans. Does not tolerate very wet or dry soils. Salt tolerant. Excellent timber.

Juglans nigra

Full sun; moist, fertile, well drained soils.

Red Oak

Height: 65-90'

Large, versatile tree. Fastest growing of the oaks. Wood is valued for timber and firewood. Produces abundant nuts eaten in late winter by deer, small mammals and turkeys. First seed crop at age 25. Acorns germinate in the spring.

Quercus rubra

Full to partial sun; wide range of soils.

Carolina Hybrid Poplar

Height: 30-50'

Very fast growing, often 6'+ per year. Once established, used for windbreaks, erosion control, and pulpwood. Excellent food source for wildlife.

Populus X canadensis

Full sun; wide range of soils.

White Oak

Height: 70-90'

Produces sweet nuts eaten in the fall by deer, small mammals and turkeys. Produces valuable lumber and excellent firewood. Oak Wilt resistant. Otsego County is lacking in this tree. First seed crop produced at age 20. Acorns germinate in the fall.

Quercus alba

Full to partial sun; wide range of soils.

White Birch

Height: 40-65'

Commonly known as paper or canoe birch. Fast-growing, short-lived tree with creamy-white bark. Beautiful yellow autumn foliage. Salt tolerant.

Betula papyrifera

Full sun; well to poorly-drained soils.

Red Maple

Height: 50-70'

Also referred to as "soft maple". Fast-growing tree. Wood used for pulp and low grade lumber. Bright red fall foliage.

Acer rubrum

Shade; wide range of soils

WILDLIFE SHRUBS

Butterfly Bush

Height: 5-10'

Fast-growing, upright shrub. Easy to maintain. Provides an excellent source of nectar for butterflies and hummingbirds.

Buddleia spp

Full sun; well drained soils

Lilac-Common

Height: 12-15'

Multiple-stemmed, root-sprouting shrub. Forms thickets for wildlife cover. Drought resistant. Showy, lavender color flowers with a strong fragrance

Syringa vulgaris

Full sun; wide variety of soils

Black Chokeberry

Height: 2-7'

This shrub's fruit ripens to glossy black. Well liked by birds, bear, and deer. If planted in direct sunlight, autumn colors become lighter and fruit production increased.

Aronia melanocarpa

Full to partial shade; dry to moist soils

Mountain Ash

Height: 12-25'

Slow-growing with beautiful white flowers. Orange-red fruit persistent in winter and eaten by many songbirds.

Sorbus americana

Partial shade to shade; wide range of soils

Highbush Cranberry

Height: 3-13'

Leaves turn a brilliant scarlet in autumn. Fruit persistent through winter making it a great food source for wildlife.

Viburnum trilobum

Full sun; moist to wet soils

Nannyberry

Height: 13-23'

A moderately fast-growing shrub with beautiful flowers (May/June). Abundant fruit eaten by birds and small mammals.

Viburnum lentago

Partial shade; moist to wet soils.

Elderberry

Height: 3-12'

A stout, strong-growing shrub with white flowers (July), followed by purple-black fruits. Safe for human and wildlife consumption.

Sambucus canadensis

Full to partial shade; rich, moist soils

Red-Osier Dogwood

Height: 6'

Grows on low, wet ground and stream banks. Fast growing and spreads. Beautiful deep red bark, good food and cover for wildlife such as deer, bear, birds, and small mammals.

Cornus stolonifera

Full to partial sun; moist to wet soils.

Gray Dogwood

Height: 3-12'

Reddish twigs turning gray with age. Pale green leaves that change to reddish-purple in the fall. This shrub adapts well to drier sites and is resistant to most diseases and pests.

Cornus racemosa

Full sun to shade; various soil types

Serviceberry

Height: 10-20'

This small tree is one of the first to flower in the spring. Its fruit is widely used by wildlife and is also edible by humans. Grows as tall as 20 ft. on the best soils.

Amelanchier laevis

Partial shade; moist, fertile to dry soils.

Hazelnut

Height: 6-12'

Multiple-stemmed bush. Produces abundant nuts within 3-4 years after planting. Eaten by grouse, turkey, deer, and small mammals.

Corylus americana

Partial to full shade; dry to moist soils

Winterberry Holly

Height: 5-10'

Densely branched shrub with waxy foliage and bright red berries make it a desirable native landscape plant. Wildlife such as bear and deer utilize this plant for food as well as cover. Also known as Michigan Holly.

Ilex verticillata

Full sun; moist soils

ADDITIONAL INFORMATION

Bareroot vs. Containerized Seedlings

Bareroot seedlings have no soil around the roots. They are larger than the containerized stock and require more care in handling and planting.

Cost of Bareroot vs. Container Seedlings: There is a cost difference between bareroot seedlings and container seedlings. Bareroot pine seedlings typically cost between 1/2 and 2/3 the price of container seedlings. Labor costs to plant bareroot seedlings can also be less than containerized seedlings. Some container costs can be offset if landowners plant fewer container seedlings per acre. Additionally, a greater percentage can be expected to survive

Containerized seedlings are grown in containers with a plug of soil surrounding the roots. They are suitable for very sandy sites where weed competition is minimal. Survival rates are high, as the containerized seedlings handle poor planting techniques, rough sites, and dry weather conditions better.



Containerized Seedling

Seedling Age Classification

1-0 = One year old from seed

2-0 = Two years old from seed

2-1 = Two years old from seed, one year in transplant bed

2-2 = Two years old from seed, two years in transplant bed

R.S. = Root Stock

Seedling Spacing

Reforestation, Timber	7'x8'	800 Trees per acre
Reforestation, Wildlife	10'x10'	435 Trees per acre
Christmas Trees	6'x6'	1210 Trees per acre
Shrubs, Wildlife	8'x10'	45 Clump
Windbreak	6'x6'x10'	

**WEED CONTROL IS ESSENTIAL FOR
SEEDLING SURVIVAL**

2021 PRICE LIST

CONIFERS-BAREROOT		(Please note: ✓ denotes this species is native to Michigan)						Number of Seedlings	
	SIZE	5	10	25	50	100	250	500	1000
✓ Jack Pine	4-9"	\$8	\$12	\$22	\$35	\$52	\$108	\$198	\$350
✓ Red Pine	4-9"	8	12	22	35	52	108	198	350
✓ Eastern White Pine	4-9"	8	12	22	35	52	108	198	350
✓ Eastern White Pine	12-18"	9	13	24	38	57	119	219	380
✓ Balsam Fir 2-1	8+"	32	50	89	142	213	444	817	1420
Concolor Fir 2-1	8+"	32	50	89	142	213	444	817	1420
Colorado Blue Spruce 2-1	12-18"	15	24	43	68	102	213	391	680
Norway Spruce 2-0	5-10"	8	12	22	35	52	108	198	350
Norway Spruce 2-1	16-24"	24	37	67	107	161	334	615	1070
✓ White Spruce 2-0	5-10"	8	12	22	35	52	108	198	350
✓ White Spruce 2-2	12-24"	26	40	72	115	173	359	661	1150
✓ Northern White Cedar 2-2	8-12"	33	51	91	146	219	456	840	1460

CONIFERS-CONTAINERIZED

	SIZE	25	50	100	250	500	1000
✓ Red Pine 45M	5-6"	\$29	\$47	\$71	\$147	\$270	\$470
✓ Tamarack 4A	12-18"	31	49	74	153	282	490
✓ White Pine 4A	6"+	29	47	71	147	270	470

HARDWOODS

	SIZE	5	10	25	50	100	250	500	1000
✓ American Chestnut	18-24"	\$33	\$54	\$122	\$217	\$326	na	na	na
✓ Black Walnut	6-12"	14	22	40	64	96	200	368	640
Hybrid Poplar	12-24"	16	25	44	70	105	219	403	700
✓ Red Maple	6-12"	14	22	40	64	96	200	368	640
✓ Red Oak	6-12"	14	22	39	62	93	194	357	620
✓ Sugar Maple	6-12"	17	27	48	77	116	241	443	770
✓ White Birch	12-18"	18	28	50	80	120	250	460	800
✓ White Oak	4-8"	11	18	31	50	75	156	288	500

WILDLIFE SHRUBS

	SIZE	5	10	25	50	100	250	500	1000
✓ Black Chokeberry	6-12"	\$17	\$27	\$48	\$77	\$116	\$241	\$443	\$770
Butterfly Bush	12-24"	18	29	51	82	123	256	472	820
✓ Elderberry	24-36"	38	58	104	167	251	522	960	1670
✓ Gray Dogwood	12-18"	19	30	53	85	128	266	489	850
✓ Hazelnut	6-12"	14	22	39	62	93	194	357	620
✓ Highbush Cranberry	12-18"	19	30	64	106	170	319	531	850
Lilac (Common)	12-18"	21	32	58	92	138	288	529	920
✓ Mt. Ash	12-24"	22	34	61	97	146	303	558	970
✓ Nannyberry	6-12"	19	30	53	85	128	266	489	850
✓ Red-Osier Dogwood	6-12"	12	19	34	55	83	172	316	550
✓ Serviceberry	6-12"	17	26	46	74	111	231	426	740
✓ Winterberry Holly	6-12"	22	34	61	97	146	303	558	970

Please call the district office at 989-732-4021 for information on species selection, site preparation, and purchasing species or quantities not listed here. Tabitha O'Dell, District Forester is also available to answer forest and wildlife questions and can provide information on local commercial tree planters, consulting foresters, loggers/producers and cost-share programs.

Bareroot Fruit Trees

APPLES

5-6' Trees

Enterprise, Liberty, Nova Spy

1 for \$30	Select a variety when ordering a single tree.
3 for \$86	1 of each variety
6 for \$165	2 of each variety
10 for \$260	3 of each variety plus 1



Enterprise was developed by Purdue University, this is a late-maturing, deep red apple with good keeping quality. Fruit is medium to large in size. Tree is vigorous and spreading, with good annual bearing habits. Enterprise is highly resistant to fire blight and cedar apple rust. Root stock is Bud 118.

Liberty is a medium-sized, yellow-flesh dessert apple with 90 percent red over yellow background color. The tree is vigorous, spreading and an annual bearer. Liberty is resistant to apple scab, cedar apple rust, fire blight and mildew. Rootstock is Bud 118.

Nova Spy was developed from Northern Spy and Golden Delicious. Introduced from Nova Scotia, Nova Spy starts bearing apples in just three years, while Northern Spy takes 10 years. The large fruits have a wonderful, tart-sweet, vanilla-like flavor and are excellent for fresh eating, pies and cider. Exhibits resistance to fire blight and scab. Matures in mid-October. Rootstock is Bud 118

PEARS

Harrow Sweet	5-6'	1 for \$30
Shenandoah	5-6'	1 for \$30
	2 for \$56	One of each

Harrow Sweet is blight-resistant release from Agriculture Canada. Ripens about 3 weeks after Bartlett; good storage till nearly Christmas, a true winter pear. Excellent flavor; sweet and juicy. Precocious and productive; usually requires heavy thinning

Shenandoah pear is not only sweet and juicy but it's the 3rd fire blight-resistant pear developed by Agricultural Research Service horticulturist, Richard Bell. This large, Bartlett type pear has a sub-acid pear flavor with excellent storage life. Shenandoah stores very well without breaking down for up to five months. Ripens in September. Root stock OHxF97

These pears are grouped together for pollination success. Select a variety when ordering a single tree.

Root stock OHxF97 is the superior root choice for standard-size pear trees. OHxF97 is resistant to fire blight and pear decline. This rootstock is hardy and provides good anchoring and high yield efficiency.

PLUM

Stanley	5-6'	1 for 30
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Stanley Prune is the gold standard for prunes. This variety produces abundant crops of oval-shaped fruit with deep purple skin and sweet golden flesh. Tastes great when picked fresh or when dried or canned. Perfect for gardeners in the Northeast. Developed in Geneva, New York in 1926. Ripens in early September. Self-pollinating. Freestone. A licensed variety of Cornell University.

All fruit tree varieties need full sun and protection from wildlife!

FRUIT TREE PLANTING GUIDE

Fruit Tree	Spacing Between Trees Rows		Bearing age (years)	Potential yield at maturity (bushels/plant)
Apple	15 ft.	15 ft.	4-5	4
Cherry, sweet	25 ft.	25 ft.	5-7	75 qt.
Cherry, tart	18 ft.	18 ft.	4	75 qt.
Crabapples	10 ft.	16 ft.	2-3	
Pears	20 ft.	20 ft.	4-5	3
Plum	15 ft.	20 ft.	2-3	2

FRUIT HEALTH INFORMATION AVAILABLE ONLINE:

- **Organic and Low-Spray Apple Production**
www.attra.ncat.org (download any of our technical materials for **FREE!** Click on [full list of publications.](#))
- **Disease Management in Home Fruit Plantings**
<http://www.oardc.ohio-state.edu/fruitpathology/organic/default%20organic.htm>
- **Integrated Pest Management Resources (Pocket Guides)**
http://shop.msu.edu/product_p/bulletin-e2720.html
- **2021 Fruit Management Guide**
http://shop.msu.edu/product_p/bulletin-e0154.htm
- **Pocket Guide Grape IPM Scouting of Grapes in North Central & Eastern U.S.** https://shop.msu.edu/product_p/bulletin-e2889.htm
- **Pocket Guide IPM Scouting in Stone Fruits**
https://shop.msu.edu/product_p/bulletin-e2840.htm

SMALL FRUITS

ASPARAGUS – PURPLE PASSION (2 YEAR)

10 ROOTS FOR \$19 25 ROOTS FOR \$45

Large-diameter spears have 20% more sugars and emerge later than green varieties, protecting them from early frost damage. Mild flavor and low fiber content with a creamy green, tender interior make Purple Passion a chef's favorite. Spears turn green when cooked. Cut before spear exceeds 5". Zones 3-9.

BLUEBERRIES - BLUE JAY, NORTH BLUE, NORTHLAND (12"-18")

3 PLANTS FOR \$30

Blue Jay is an early-mid season ripening Northern highbush, with light-blue berries that have a very sweet delicate taste and ripen over a long season. Fast growing plants can reach 6 to 7 feet tall, are very attractive year round and are hardy zones 4-8. North blue is a northern highbush/lowbush cultivar grows only 20 to 30 inches tall. Large, attractive, high quality, dark blue fruit. Vigorous plants are highly ornamental, very hardy and snow resistant. Zones 3-7. Northland is the most cold-hardy Highbush variety. It is easy to grow and adaptable to many different soil types. The berries are excellent for jams and baking because of their high sugar content. The bright yellow wood and compact shape makes Northland a good candidate for landscaping. Northern highbush blueberries require 800 to 1000 chill hours to set fruit.

CRANBERRY – PILGRIM

1 PLANT FOR \$6

Most of us think of the lowbush cranberry as being a plant just for bogs, but this cranberry has been growing on upland soil is prospering very well. Pilgrim is a very robust variety. It has thick, large, dark green leaves and forms a heavy mat. Fruit is medium large with glossy dark red color. Plant as you would blueberries. Plant 2 feet apart for a solid groundcover. Plant in full sun. Zones 2-7.

GRAPES – EDELWEISS (1 YR #1)

1 PLANT FOR \$13

The Edelweiss Grape is a juicy fruit that's high in sugar content and hangs well on a vine. The flavor will become strong if left on. This grape is great when used for fresh eating, desserts and wine. It is disease resistant, especially to Fungus. The color of the grape is a white, green and yellow combination. Harvest early in the season. Hardiness zone 3.

GRAPES – ITASCA (1 YR #1)

1 PLANT FOR \$15

A grower-friendly grape vine. Itasca is the latest cold-hardy grape to come from the University of Minnesota breeding program. Itasca produces a dry white wine that is light yellow to straw in color, and has aromas of pear, quince, violet, melon, minerals along with faint notes of honey. Because of its lower acidity and higher sugar levels, this is an excellent choice for a sweeter wine style. The fruit is a beautiful, glowing golden hue when ripe. High resistance to powdery and downy mildew as well as phylloxera, so it requires less spraying. Cold-hardy. Developed by the University of Minnesota and introduced in 2017. Ripens mid-to-late September. Self-pollinating.

GRAPES – KING OF THE NORTH (2 YR #1)

1 PLANT FOR \$10

A hardy blue grape excellent for juice, jelly and wine making. Vigorous, productive vines are resistant to common grape diseases and insects. Fruit is medium size, juicy, tart, born on tight clusters, and ripens early September. Zones 4-8. Full sun. Spacing 8' to 10' apart. Produces in third year.

KIWI – ARCTIC(MSU FEMALE, ARCTIC BEAUTY MALE)

1 PLANT FOR \$9 2 PLANTS FOR \$16

Arctic Kiwis require a sunny location, preferably with wind protection. The fruit is very high in Vitamin C. MSU also referred to as 'Michigan State', 'MSU' is a large-fruited variety found growing as a landscaping vine on the campus of Michigan State University. The variety produces large, oblong berries with good storability and decent flavor, mainly sweet with only some acidity. Arctic Beauty vines have high vigor and are very productive. Growing like a grape vine, the male beautifies walls, fences, or trellises with pink, white, and green variegated leaves by its third year. Hardy kiwis ripen mid to late September. Plant 10-20' apart. Zones 3-7.

LINGONBERRY (ERNTESTEGEN , RED SUNSET)

2 PLANTS FOR \$15

Lingonberry is a low growing evergreen shrub that expands through runners from the original plant. It produces a lovely small flower in the spring and again in summer. Yields medium sized, bright red, tart and lemony fruit. Likes acidic soil that is well drained and contains organic matter. They will grow in filtered or full sun and don't like a lot of fertilizer. Excellent for preserves, sauces and pastries. Grows to 8-12"with robust spread. Zones 2-7.

RED RASPBERRIES – NOVA (8-12")

5 PLANTS FOR \$23

This very winter hardy raspberry variety adapts to all climates and can be used as a summer bearer in the North or a fall bearer in the South. Nova is tolerant of heat and is an excellent choice for the upper Midwest and northern regions, where high yields and dependability are required. Berries are firm, bright-red, medium to large in size, ripen gradually over a long harvest season, and have good shelf life. Canes are vigorous, growing upright with light spines.

RHUBARB – CRIMSON RED

1 ROOT FOR \$15

Also known as Crimson Cherry and Crimson Wine, Crimson is reportedly the only variety of consequence in Oregon. It produces brightly colored red stalks with the unique characteristic of being red throughout. Spacing 3 feet, soil pH 6-8 , Zones 3, Full sun.

STRAWBERRIES – CAVENDISH

25 PLANTS FOR \$22 50 PLANTS FOR \$40 100 PLANTS FOR \$72

Cavendish strawberry, which originated in Nova Scotia, is the result of a cross between two varieties known for their winter hardiness and attractive, large fruit. It produces high yields that ripen over a long growing season. Excellent flavor and overall quality of the fruit makes this variety a good choice for commercial and home use. Cavendish is highly resistant to Red Stele and has some resistance to Verticillium Wilt.

WOODLAND WILDFLOWERS & FERNS



Bloodroot



Jack in the Pulpit



White Trillium



Wild Geranium

Wildflowers

Bloodroot	3 for \$16	5 for \$23
Jack in the Pulpit	3 for \$16	5 for \$23
White Trillium	3 for \$16	5 for \$23
Wild Geranium	3 for \$12	5 for \$18

Ferns

Christmas Fern	3 for \$13	5 for \$19
Cinnamon Fern	3 for \$14	5 for \$20
Leatherwood Fern	3 for \$13	5 for \$19



Christmas Fern



Cinnamon Fern



Leatherwood

WILDFLOWER SEED

Native Michigan Wildflower Seed Mix \$22 - 1 oz. \$80 - ¼ lb. \$145 - ½ lb. \$270 - 1 lb.
A blend of 16 different perennials and 5 grasses all native to Michigan. Species list and directions are included.

GROUNDCOVERS

Michigan Bearberry - This ground cover will trail over rocky and sandy hillsides and slopes. It prefers well drained and slightly acidic soils. Leaves are small and oval shaped. Bell shaped flowers are borne on two year growth. Round pea size fruit ripen in the autumn and are bright red making a spectacular show through the entire autumn and winter seasons. **1 PLANTS FOR \$9**

Michigan Low Bush Blueberries - *Vaccinium pensylvanicum* is the species. It is mainly used as an edible groundcover.

Blue Sunset plants were located in Baraga County, Upper Peninsula of Michigan. This was a clone of plants growing tight to the ground less than 4 inches. The bright blue fruits are tiny but full of flavor. The foliage in the fall is a bright orange and yellow with the colored foliage lasting into the winter. The plants have good hardiness and disease resistance. The plants are adaptable to drier sand soils. Hardiness Zones 3-7. **Tiny Blue** This new selection was chosen for tiny and narrow foliage. The flowers of the plants are also small and will cover every stem then 45 days later, small light blue fruits grow with sweet flavors. The foliage in the autumn is deep burgundy with reddish stems. variety for cross pollination.) **(Orders will consist of one of each) 2 PLANTS FOR \$20**

Creeping/Moss Phlox (Phlox subulata) Needle-like, semi-evergreen foliage forms a tough, durable groundcover. Flowers profusely; a cheerful harbinger of spring. Plants come in 1½" x 1½" x 2" plugs and are 4-6" tall. Zones 2-9. Sun to partial shade.

Purple Beauty Unique deep purple/blue blooms cover neatly mounded plants.

Red Wings Crimson-pink flowers with dark-red centers

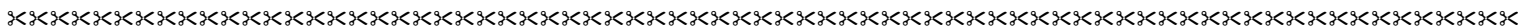
6 PLANTS FOR \$13 12 PLANTS FOR \$24

NATURE BOOKS, OTSEGO COUNTY PLAT BOOK

2019 Otsego County Land Atlas & Plat Book	\$28.30	Featuring aerial and township maps showing ownership, acreage, and natural features of Otsego County.
Animal Tracks of the Great Lakes	\$9.95	This pocket guide will help you identify tracks of all shapes and sizes from the Deer Mouse to the White-tailed deer.
Birds of Michigan Field Guide	\$12.95	This full color book contains 112 species of native Michigan birds.
Birds of Michigan	\$24.95	302 species are grouped and color coded for quick identification. Beautiful illustrations.
Butterflies of the Great Lakes Region	\$24.95	Concise, easy-to-understand descriptions provide valuable information for butterfly identification and discovery. With added detail on color and distinguishing marks, habitat, range and food sources. In addition, there is a section on gardening for attracting butterflies.
Field Guide to Mushrooms	\$24.95	National Audubon Society Field Guide to Mushrooms has 762 full-color photographs, plus 250 black-and-white illustrations. Photographs arranged with a thumb-tab reference system.
Landscaping with Native Plants	\$24.95	The first book in print to help identify Michigan's native plants; includes information on how to successfully grow them. Packed full of color photographs.
Michigan Trees	\$19.95	A guide to the Trees of Michigan and Great Lakes region. The natural history, distribution, insect and disease problems and landscape uses are included for each tree species.
Mushrooms of the Upper Midwest	\$16.95	Hundreds of full-color photos with easy-to-understand text. Includes nearly 400 common species, species organized by shape, then by color, and which are edible.
Pocket Guide for IPM Scouting in Michigan Apples	\$14.00	Designed for easy use in the orchard, this book provides information and color photos to identify pests, pest damage and beneficial.
Pocket Guide for Grape IPM Scouting in the North Central and Eastern United States	\$20.00	A reference guide for easy use in the vineyard, this book provides information and color photos on pests, diseases, weather-related and nutritional disorders and more.
The Complete Mushroom Hunter's	\$24.99	A completely illustrated guide to the common wild edible mushrooms and their poisonous look-alikes: where to find them, how to identify them, and more. Plus, dozens of colorful photos for identification. New section on growing and off-season collecting.
Wild Berries and Fruits Field Guide	\$14.95	Identify 165 wild berries and fruits of Michigan, Minnesota and Wisconsin.
Wildflowers of Michigan Field Guide	\$16.95	A colorful guide to 200 of Michigan's wildflowers, with excellent descriptions.

SILVICULTURAL AIDS

Bamboo Stakes - 3'	1-50 35¢/ea.	51+ 30¢/ea.	Bamboo is strong and weathers well. Use for staking or marking plants and seedlings.
Bat House		\$27.00	Attract bats by providing shelter. Place 15' from the ground by attaching to a pole, tree or building out of wind. Under normal conditions, bats can eat 600-1,000 mosquitoes per hour! Locally made!
Bird House		\$22.00	Bring Eastern Bluebirds to your property by putting up a bluebird house. Locally made!
Fertilizer Tablets	50 - \$12.00	250 - \$50.00	Use one tablet per seedling at time of planting or put tablets in at the drip edge of existing trees.
Flags	Pack of 10	\$2.50	Flags are bright orange. (2½"x3"). Good for marking small trees.
Garlic Sticks	5 - \$3.50	10 - \$6.50	These unique sticks contain garlic oil and chili pepper to keep animals from browsing on plants.
Spiral Fruit Tree Guards	3'	\$2.00	Easy to install and adjust. Helps prevent sun scorch, mower and trimmer damage, rodent girdling and split bark caused by early frosts. Top quality polyethylene.
Mesh Tree Guards - 3'	1-50 \$1ea.	51+ 95¢/ea.	These yellow rigid plastic mesh tubes protect seedlings from rodent and deer damage.
Tree Mats	3'x3'	\$2.25	Woven poly mats block 99% of light to keep weeds out for up to 5 years & encourages faster growth. Lets air and water through. Easy to install. Includes 5 large staples to hold in place.
Soil Moist Root Moisturizer (Similar to Terra Sorb)		\$2.00	Granular powder mixes with water to create a gel that adheres to roots to absorb and retain water like a sponge. Reduces shock and stress. Increases aeration. Helps reduce soil compaction. Lasts 1 year in soil. Treats approximately 1,250 seedlings. Recommended for sandy soil.
Planting Bars	For Sale For Rent	\$65.00 \$60.00 deposit+\$5	Planting bars increase the speed and convenience of planting seedlings. Insert blade with foot pressure to move aside soil and provide a hole for the seedling. Not intended for transplants.
Plantskydd Ready-To-Use Deer Repellant Spray		\$25.00	Safe, organic protection of plants from deer, elk, rabbits, squirrels, voles and more! Rain-resistant. 1 application lasts 3-4 months during growing season or 6 months over winter. Built-in fertilizer.
Signs "Trees Planted"		\$2.00	11.25"x7.5" Black and yellow metal signs that say "Trees Planted, Keep Off".



TREE SALE ORDER FORM

Name _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____
 Email _____

Make checks payable and send to:
Otsego Conservation District
 800 Livingston Blvd. Suite 4A
 Gaylord, MI 49735
 (989) 732-4021 / Fax (989) 731-7480

DESCRIPTION	SIZE	QUANTITY	DEPOSIT*	AMOUNT
			Deposit Total*	

*Deposits are for tree bar rentals only.

There is a limited supply of some species. Order early!

Donations to O.C.D are tax deductible.

ORDERS MUST BE RECEIVED BY March 26, 2021

Use blank paper or copies of order forms if additional lines are needed.
Thank you for your order!

Subtotal

Add 6% tax

Donation

TOTAL

PAYMENT METHOD: Check enclosed, Visa, Master Card, Discover



CVV Code (on back)

Card Account Number

Name _____ Expiration Date _____
 (Name as it appears on the credit card. Please print.)

Signature _____ Billing Zip Code _____