

Monroe Conservation District Spring 2022 Conservation Plants Catalog

Nursery Inspection Number NCI 006803



MONROE
CONSERVATION
DISTRICT

Order Deadline - March 18, 2022

Pickup: Friday, April 15, 9:00 a.m. - 6:00 p.m.

Saturday, April 16, 9:00 a.m. - 11:30 a.m.

Monroe County Fairgrounds, M-50



1137 South Telegraph Road, Monroe, Michigan 48161

Phone: 734.241.8540 Ext 5

www.monroecd.org

It is unlawful for these trees, shrubs, and other plants to be resold with the roots attached, in accordance with the Insect Pest and Plant Disease Act, P.A. 189 of 1931, as amended.

CONIFERS

Black Spruce *Picea mariana*: 30 to 50' tall, with moderate spread. Narrow, conical spier-like with descending branches. Lower limbs sweep the ground. Twig needles & seeds are good wildlife food. Prefers full sun in acidic soil. Moist, well drained soil to wet. Shallow root system.

Norway Spruce *Picea abies*: 60 to 90' tall with pyramid-shaped crown. Stiff short needles. Fast growing in well drained to somewhat poorly drained clay to loam soil. Full sun, can tolerate some shade.

White Cedar *Thuja occidentalis*: Moderately fast growing to 50' tall with 10' spread full sun, average well drained soil. Takes well to pruning.

White Pine *Pinus strobes*: 75 to 100' tall in well drained sandy to clay soils. Less tolerant of shade with age. Long needles, fast growth rate.

White Spruce *Picea glauca*: 75 to 100' tall. A dense pyramidal tree widely used in hedges & windbreaks. Fast growing in well drained to somewhat poorly drained clay to loam soil. Full sun, will tolerate some shade.

SHRUBS

Alder, Speckled *Alnus rugosa*: Native shrub/small tree 15 to 25' high. Thrives along stream banks & poor soil. Full sun or partial shade, moist to wet soils. Wildlife uses; browsing, songbirds. Spring blossoms, berries in the fall.

American Plum *Prunus americana*: Large deciduous shrub/small tree with a broad crown, reaching heights up to 15'. Fruits are almost globular edible plums about 1" in diameter. The plant's numerous stems are grayish & become scaly with age; branches are more or less spiny with sharp-tipped twigs. Shallow roots spread, widely, & sprout readily. These features are highly important for wildlife cover & food. Winter-hardy, but intolerant of shade & drought. Preferred browse for whitetail deer.

Butterfly Bush *Buddleia davidii*: 4 to 10' high with equal spread in well drained average soils, full sun, to partial shade. Light purple long spike flowers. Should be cut back in late fall or early spring. Enjoyed by butterflies & hummingbirds. Deadheading will encourage new flowers.

Cranberry, Highbush *Viburnum trilobum*: 8 to 12' tall with equal spread. Medium to dark green leaves changing to yellow to red-purple in fall. Flowers mid to late May. Fruits fall-winter. Berries used for preserves & jellies. Excellent plant for screening & informal hedging. Medium growth in well drained, moist soil, sun or partial shade. Good for winter fruit & cover for wildlife.

Elderberry, American *Sambucus Canadensis*: Fast growing 5 to 15' tall, shrub on moist, well drained soil in full sun to partial shade. Small white dense flat-topped flowers. Purple-black fruit in August. Makes excellent wine & jam, desired food for wildlife. Kept tidy by pruning.

Hazelnut *Corylus americana*: Multi-stemmed shrub/small tree 10-15' spread approximately 2/3 the height. Moderate to fast growth in well drained, loamy silt; full sun or light shade; prune anytime; tends to sucker from the roots & must often be thinned out to maintain a respectable appearance.

Lilac, Late *Syringa vulgaris*: 8 to 15' high with 6 to 12' spread. Medium to fast growth rate in most well drained, silty clay or loamy soils. Drought resistant, intolerant of wet soils. Full sun.

Serviceberry, Saskatoon *Amelanchier arboea*: Multistemmed medium sized shrub of many small branches. 5 to 18 ft in height with a variable spread. Fruits that ripen in July are juicy & edible, relished by songbirds. It tolerates harsh climates & alkaline soils.

ASPARAGUS

Easy to grown heirloom variety with excellent flavor and quality. This vigorous, rust resistant, winter hardy variety produces large, rich green stalks. Perfect for home gardeners and local market growers.

Mary Washinton:**DECIDUOUS**

Dawn Redwood *Metasequoia glyptostroboides*: **Larger stock only** Fast growing tree that can reach heights of 70' tall, 25' spread. Prefers acidic soils, tolerates dry & wet sites, but prefers plenty of sunlight. Buttressed lower trunk with rough, reddish-brown bark that peels into long strips. Fern-like feathery foliage emerges light green in spring, changing to dark green in summer & russet-brown in autumn before losing it's needles.

Hybrid Poplar *Populus*: 40 to 90' high narrow crown. Rapid growth in well drained to moderately well drained, loamy sand to clay loam soil. Shade intolerant. Plant at least 100' from drain tiles. Short lived

Paw Paw *Asimina trilobal*: 10 to 20' tall with equal spread. Multi-stemmed shrub or small tree with short trunk & spreading branches forming a dense pyramidal or round top. Tends to sucker & forms loose colonies in the wild. Medium growth rate in moist, fertile, deep, slightly acid soils; prefers full sun, will tolerate shade but will alter the shape of the tree.

Pin Oak *Quercus palustris*: Pyramid in shape, 60 to 70' high with 25 to 40' spread. A faster growing oak with a very distinctive growth habit. Natural habitat is on wet clay flats where water may stand for several weeks. Full sun. Widely used native oak for landscaping.

Red Maple *Acer rubrum*: Rounded crown 40 to 70' with equal spread. Grows medium to fast in fertile moist, well drained soil. Full sun to light shade. Classic maple-shaped leaves known for their beautiful fall foliage.

Red Oak *Quercus rubra*: 60 to 75' with equal spread. Fast growing in fertile moist well drained acidic soil. Full sun, partial shade. Shallow roots are sensitive to changes in grade.

Sugar Maple *Acer saccharum*: 60 to 75' in well-drained, moderately moist fertile soil. Slow growing, shade intolerant. This shade trees dark foliage turns shades of red & yellow in fall. Root system is shallow & spreading.

Sycamore (American Plane) *Platanus occidentalis*: This native is a fast growing tree with a massive trunk, grayish bark that exfoliates to expose the inner creamy white bark. Wide open spreading crown of crooked branches. Prefers the deep rich soil of river and stream banks and bottom lands.

Tulip Poplar *Liriodendron tulipifera*: (Magnolia family) **Larger stock only.** Fast growing 70 to 90' with 35 to 40' spread in slightly acid soil, full sun. The greenish yellow flowers resemble tulips. Needs adequate space to grow. Prune awkward growth & deadwood in winter.

White Flowering Dogwood *Cornus florida*: **Larger stock only.** White blossoms in May / early June, red berries in the fall. Mature height 10 to 12'. Slow to medium growth, preferring shade & well drained soils. Used for ornamental, understory & wildlife.

White Oak *Quercus alba*: 60 to 80' tall, equal or greater spread. Slow to medium growth. Full sun, deep, moist, well drained soils. Use as a shade tree for a large area.

ROOTSTOCKS

EMLA 111 - Semi-dwarf tree, adaptable to a variety of soil conditions tolerating drought conditions. **EMLA 7** - About half the size of a standard tree with exceptional winter hardiness & fairly well anchored. Performs best on deep, fertile, well-drained soils that retain constant moisture. **OHXF 97** Superior root choice for standard size pear trees. More precocious than seedling rootstocks. Resistant to fire blight & pear decline. Hardy & provides good anchoring & high yield efficiency. **MAZZARD** - Good choice for wet & heavy soils. Produces what is considered a "full size tree" 18 to 20 feet tall. **MAHALEB** - Performs well in deep soils with good drainage. Very cold hardy & precocious. Deep rooted. Produces a tree roughly 70% the size of Mazzard. Not recommended for heavy soils or areas with poor drainage or high water tables.

Spring 2022 Conservation Plants Fundraiser Catalog

Monroe Conservation District

1137 South Telegraph Road, Monroe, Michigan 48161

Phone: (734) 241-8540 Ext. 5

Web site: www.monroecd.org

Order Deadline: March 12, 2022

CONIFERS seedlings	Size	5 trees	10 trees	25 trees	50 trees	100 trees	Quantity	Cost
Black Spruce	10-18"	\$10.00	\$14.00	\$18.00	\$26.00	\$45.00		
Norway Spruce	12-18"	\$10.00	\$14.00	\$18.00	\$26.00	\$45.00		
White Cedar native	7-12"	\$10.00	\$14.00	\$20.00	\$28.00	\$48.00		
White Pine native	8-12"	\$12.00	\$16.00	\$28.00	\$42.00	\$80.00		
White Spruce	10-18"	\$10.00	\$14.00	\$18.00	\$26.00	\$45.00		

TRANSPLANTS	Size	1-9 trees	10 plus trees	Cost
Norway Spruce	18-24"	\$4.50 x	\$4.00 x	
White Cedar native	18-24"	\$4.50 x	\$4.00 x	
White Pine native	24-36"	\$5.00 x	\$4.50 x	
White Spruce	12-18"	\$4.50 x	\$4.00 x	

SHRUBS	Size	5 trees	10 trees	25 trees	50 trees	100 trees	Quantity	Cost
Alder, Speckled	12-18"	\$16.00	\$20.00	\$30.00	\$55.00	X		
American Plum	18-24"	\$16.00	\$20.00	\$30.00	\$50.00	X		
Cranberry, highbush	12-18"	\$16.00	\$20.00	\$30.00	\$45.00	X		
Elderberry, American	12-18"	\$16.00	\$20.00	\$30.00	\$55.00	X		
Hazelnut	18-24"	\$16.00	\$20.00	\$30.00	\$55.00	X		
Lilac, Late	18-24"	\$16.00	\$20.00	\$30.00	\$52.00	X		
Serviceberry, Saskatoon	12-18"	\$16.00	\$20.00	\$30.00	\$55.00	X		

DECIDUOUS	(Hardwoods)	X INDICATES NO FURTHER PRICE BREAK						
Hybrid Poplar w/roots	18-24"	\$16.00	\$20.00	\$25.00	\$40.00	\$65.00		
Paw Paw native	12-18"	\$16.00	\$20.00	\$35.00	\$65.00	X		
Pin Oak native	12-18"	\$16.00	\$20.00	\$30.00	\$42.00	\$70.00		
Red Maple	12-18"	\$16.00	\$20.00	\$35.00	\$55.00	X		
Red Oak native	12-18"	\$16.00	\$20.00	\$30.00	\$45.00	\$70.00		
Sugar Maple native	12-18"	\$16.00	\$20.00	\$32.00	\$55.00	X		
Sycamore	18-24"	\$16.00	\$20.00	\$36.00	\$70.00	X		
White Oak native	12-18"	\$16.00	\$20.00	\$30.00	\$45.00	\$65.00		

LARGER STOCK	Size	Quantity	Cost
Butterfly Bush (4" pots)		x \$3.00	
Dawn Redwood	24-36"	x \$4.50	
Tulip Poplar	24-36"	x \$4.50	
White Flowering Dogwood	24-36"	x \$4.50	

BERRY PLANTS	Price	Quantity	Cost
Blackberry , Sweet Ark, early season bearing	5/23.50 10/45.00		
Yellow Raspberry , Double Gold late season bearing	5/23.50 10/45.00		
Red Raspberry , Caroline ever bearing	5/\$16.00 10/\$30.00		
Red Raspberry , Polana early season bearing	5/\$16.00 10/\$30.00		
Red Raspberry , Prelude early season bearing	5/\$16.00 10/\$30.00		
Asparagus , Mary Washington	25/\$30.00 50/\$45.00		

FRUIT TREES AND STRAWBERRIES	Descriptions on pages 5	Quantity	Cost
Apple , Macoun needs pollinator		\$22.00	
Apple , Royal Empire needs pollinator		\$22.00	
Apple , Royal RedHoneyCrisp needs pollinator		\$22.00	
Cherry , Montmorency TART self-pollinating		\$22.00	
Cherry , Gold SWEET needs pollinator		\$22.00	
Cherry , Hedelfingen need pollinator		\$22.00	
Peach , GaLa self-pollinating		\$22.00	
Peach , Redhaven self-pollinating		\$22.00	
Pear , Bartlett Red Sensation needs pollinator		\$22.00	
Pear , King Russet needs pollinator		\$22.00	
Strawberry , Brunswick early-mid season		10/\$10.00	
Strawberry , Cabot mid-late season		10/\$10.00	
Strawberry Flavorfest mid season		10/\$10.00	

See website for additional information on tree pollination

Native Deer food, Nut, Pollinator, & Wildlife packets see next page

Carry totals to page 6

Photos available at
 Www.monroecd.org

NOTE: Any discrepancies in order must be reported within 48 hours

** TREE PACKETS **	Descriptions on pages 2 & 5	Price	Quantity	Cost
Deer Food Pkt 12-18"	2 each: American Hazelnut, Chinkapin Oak, Persimmon, Domestic Apple, Coralberry (Buckbrush)	\$23.00		
Nut Packet 12-18"	2 Black Walnut, 3 Butternut, 3 Hazelnut, 2 Northern pecan	\$25.00		
Pollinator Packet 12-18"	2 each: American Plum, Chokecherry, Meadowsweet, Pasture Rose, Red Osier Dogwood	\$23.00		
Wildlife Packet 6-12"	2 each: American Plum, Hazelnut, Ninebark, Red Osier Dogwood, Swamp White Oak	\$18.00		

HYBRID DAYLILIES LOCALLY GROWN \$5.00 EACH

Name	Quantity	Cost
Houston Eighty eight - 6" blooms, 18" tall, lavender w/yellow eye. Mid Late Season. Reblooms. Fragrant		
Ice Carnival - 6" blooms, 28" tall, white w/ cream colored eye. Blooms mid - season. Fragrant		
Isle of Dreams - 6" blooms, 22" tall, white double halo. Blooms early mid-season. Reblooms		
Lazy Summer Days - 5 1/2" blooms, 33" bright yellow, orange tinge at edges. Blooms early - season		
Night Dreams - 3 1/2" blooms, 17" tall, burgundy, darker eye with yellow. Blooms mid- season. Reblooms		
Ruffled Valentine - 4 1/2" blooms, 32" tall, rust with yellow eye. Blooms early- season		
Spacecoast Starburst - 6" blooms, 25" tall, peach ruffled. Blooms early, mid-season		
Wild Mustang - 5 1/2" blooms, 23" tall, Peach with double halo. Blooms mid-late season		

HOSTAS \$5.25 EACH plants are in gallon pots

Name	Quantity	Cost
Brim Cup - 12" tall x 15" wide. Leaves are 7x5" with wide irregular margins. A cupped leaf with green center		
Fire & Ice - 8-10" tall Leaves have dark green edging with a white center that gently twist. Part to full shade preferred		
Guacamole - 22" tall x 28" wide. Shiny round leaves w/ gold center & wide green edge, rapid grower, sun tolerant		
Olive Bailey Langdon - 12-18" tall x 24-30" wide. Ovate leaves w/ dark green centers, crisp white streaked margins		
Paul's Glory - Medium 25" tall x 40" wide. Chartreuse heart shaped leaves changing to bright gold to white with narrow irregular blue green margins		
Whirlwind - 16" tall x 34" wide. Upright pointed leaves are twisted and folded, creamy yellow to white centers w/ very dark green margins, very heavy substance, pest resistant margins, deep veins and wavy edges, a vigorous grower tolerates morning sun		

THIS AND THAT

Item	Price each	Detailed descriptions on page 7	Quantity	Cost
Bat house single chamber	\$50.00	Made from weather resistant cedar.		
Bat house triple chamber	\$60.00	Made from weather resistant cedar		
Fertilizer tablets	\$0.20	10-gram, nutrient rich starter tablets		
Flags	N/A	10 flags for \$2.50 / 25 flags for \$5.50 / 50 flags for \$10.00 / 100 flags for \$18.00		
"No Trespassing" signs	\$2.50	7 1/2" x 11" heavy aluminum, black print on bright yellow		
Plant markers	\$0.60	Galvanized wire 10" tall w/ zinc labels.		
Plantskydd animal repellent	\$25.00	1 pound soluble powder		
Plantskydd animal repellent	\$22.00	1 quart liquid spray bottle		
Plantskydd animal repellent	\$40.00	1.32 gallons		
Rain Barrel	\$ 75.00	55 gallons		
Root Dip	\$2.00	2 oz. bag		
Tree Protectors	5 / \$28.50	60 inches tall, stakes needed		
Tree Guards	5 / \$8.00	36 inches tall		
"Trees Planted" signs	\$2.50	7 1/2" x 11" heavy aluminum, black print on bright yellow		
Tree Shelters	\$2.85	see description on page 7		
Weed fabric squares	N/A	3x3' squares/ anchoring pins 5 / \$10 - 10/ \$17.00		

FRUIT TREES and BERRY BUSHES

Apple, Royal Red HoneyCrisp:® A new blush-type selection of Honeycrisp with the same crisp, juicy flavor and flesh texture as its popular parent but with better color and storage characteristics. As with the Honeycrisp the tree is low vigor and care should be taken not to crop it too soon. Ripens mid-September. *EMLA 26 rootstock.* **Apple, Royal Empire:** Sweet, flavorful fruit that colors to deeper red with white flesh. The tree is vigorous, upright, and has good crotch angles. Matures late September early October. Needs pollinator. *EMLA 7 rootstock.*

Apple, Macoun: An excellent dessert apple with a deep red skin. The flesh is juicy and flavorful and is similar in appearance to Red McIntosh. Macoun is good for home use, farmers markets, and fruit stands. Matures the end of September. Needs pollinator. *EMLA 7 rootstock.* **All of these apples will pollinate each other.**

SWEET Cherries

Gold: A very productive clear yellow cherry, which is extremely hardy. Excellent pollinator. Small, firm-fleshed fruit. *MAZZARD rootstock.*

Hedelfingen: Glossy, black sweet cherry of good quality. Hardy and consistent cropper. Fruit resists cracking. Grower friendly tree structure with wide-angle crotches. *MAZZARD rootstock.*

TART Cherry Montmorency: considered the best tart cherry for the market. The fruit is bright red & medium in size with a clear, juicy flesh. Self-pollinating, winter hardy & very productive. Self-fertile. *MAHALEB.*

Peach, GaLa: A large, freestone peach with a melting texture. It has good flavor and colors nicely to a deep red over a yellow background. Matures late July early August. The trees crop annually and are somewhat resistant to bacterial spot. Self-fertile. *Seed.* **Peach, Red Haven:** One of the easiest peaches to grow. Hardy & very productive. Large, juicy & sweet freestone fruit. Good for pies, canning, cooking or baking. Ripens in June to July. Height: 12-15 feet, moderate to rapid growth rate. Loam, sand, full sun. Self pollinating. *Lovell.* **Pear, Bartlett-Red Sensation:** A red sport of the Bartlett variety with quality equal to its parent. Its red color and fine dessert qualities make it a top seller at fresh markets. Limbs will occasionally revert back to regular Bartlett and must be cut out periodically. Will pollinate all other pears except Seckel. *OHXF 87 rootstock.* **Pear, King Russet:** The fruit on this vigorous tree type is long and uniform in shape. Flavor is similar to a traditional Bosc, but harvests slightly earlier. *OHXF 87 rootstock.*

ROOTSTOCK information on page 2**RASPBERRIES**

Caroline: red-Most productive ever bearing raspberry. Caroline has a larger berry than Heritage & is more productive, with a rich, full & intense flavor. It is a very vigorous variety, with more tolerance for root rot. The farther south you grow it, the earlier it will ripen. Will not tolerate high heat or drought.

Polana: red- Fruit: velvety, flavorful and sweet berries. Early August bearing. Fruit is medium-large, glossy, & cohesive with good flavor. This variety has shorter canes that are vigorous.

Prelude:red- Earliest ripening in mid-June. Also fall bearing, but produces the biggest portion in spring. Winter hardy & vigorous. Berries are round, cohesive, with very good flavor.

Double gold: gold- berries have a deep blush, golden-champagne color, medium size and conical shape. Excellent, very sweet flavor, mid season. Grows vigorously, suckers freely, show tolerance to disease.

Soil pH level of 6.5 - 6.8 is recommend for all raspberries.

BLACKBERRY, Sweet Ark (Ponca): One of the sweetest & most flavorful blackberry varieties. Good for home gardeners & market growers, matures early-to mid August.

Brunswick: Ripens early-mid season with outstanding flavor and berry size. Plants show very reliable vigor and disease resistance.

Cabot: late-mid season recommended for home gardeners & direct marketing growers. Cabot is known for its huge berries, excellent flavor, winter hardiness & disease resistance. It is by far the best tasting big berry.

Flavorfest: mid season fruits are bright red with exceptional flavor. Large berries hold their size through the season. For optimum flavor avoid growing on light, sandy soils. Its vigor makes it a good option for organic growers. Applications of nitrogen will need to be managed to avoid excessive growth.

NATIVE TREE PACKETS

Deer Food Packet: two each variety: American Hazelnut, Chinkapin Oak, Persimmon, Domestic Apple, Coralberry (buckbrush)

American Hazelnut: description on page 2. **Chinkapin Oak:** 50 to 80' tall, rounded crown. Medium growth rate. Prefers rich bottomlands to dry limestone outcrops. Produces acorns relished by birds & mammals.

Coralberry: 2 to 5' tall, 4 to 8' spread developing into an arching shrub. Flowers in June / July in dense short clusters. Purplish red fruit matures in October persisting late into winter. **Domestic Apple:** 12 to 20' tall with equal spread. Moderate growth rate in clay, loamy or sandy soils. Excellent wildlife value; spring apple blossoms attract butterflies & bees for nectar & pollen. Fall/winter; deer and other mammals appreciate apples.

Persimmon: 35 to 60' tall with 20 to 35' spread with a slender oval rounded crown. Slow to medium growth rate. Small flowers May-June. Edible berries ripens after frost. Prefers moist, well-drained, sandy soils. Full sun, if pruning is desired prune in winter.

Nut Packet: 2 Black Walnut, 3 Butternut, 3 American Hazelnut, 2 Northern Pecan - Black Walnut: 70 to 90' tall with an open crown, prefers well-drained soils, loam to clay loam, full sun, shade tolerant. Produces nuts in Sept/Oct. Fast growing, Valuable for timber. (contains phytotoxin juglone which can cause stunting, death or wilting in many plants when they are planted under or nearby. (Not all plants are affected). **Butternut:** A tree with a short trunk & broad open crown, 50 to 70' at maturity. Moderate to fast growth rate. Most soils, full sun, intolerant of shade. Produces nuts late August - October. **American Hazelnut:** description on page 2. **Northern Pecan:** 70 to 100' high, 40 to 75' spread. Medium growth rate. Prefers full sun & will do well in most soils. Begins to bear nuts in 6 to 10 years after planting. Needs to be planted in multiples for pollination.

Pollinator Packet two of each variety: American Plum: description on page 2. **Choke Cherry:** 20 to 30' high with 18 to 25' spread. A small suckering tree or large shrub with crooked branches and slender twigs forming an oval rounded crown. White flowers appear late April-May. Fruit can be used for jams, jellies and wine. **Meadowsweet:** An upright shrub 4' tall, 1 to 3' spread. Full to partial sun in wet to medium wet soil moisture. White flowers June - August, deadhead to promote longer bloom time. Flowers look similar to Butterfly bush & attract butterflies.

Pasture Rose: 1 to 3' tall, 5' spread. prefers average, medium to wet, well-drained soil in full sun. Spreads by suckers to form colonies of thickets in the wild. Showy fragrant pink flowers appear in May, rosehips in late summer. Attracts birds & butterflies. **Red Osier Dogwood:** 10 to 12' high shrub, equal spread. White flowers in June, fruit August - Sept. This dogwood is common throughout Michigan in open wetter places; shade intolerant easily transplanted.

Wildlife Packet two of each variety American Plum, Hazelnut, Ninebark: 5 to 9' tall, 6 to 12' upright spread. Well drained to moist sites; sun to partial shade. Flowers early spring. Provides good cover for wildlife and informal hedging. Medium to fast growth rate. **Red Osier Dogwood:** see above. **Swamp White Oak:** 50 to 60' high with equal or greater spread. Forms a broad, open round-topped crown on a short trunk. Found in low lying and more or less swampy situations such as bottom lands and banks of streams. Requires acid soil. Wood is used for

A \$5.00 service charge will be added for orders picked up later than designated times or orders may be considered cancelled and money forfeited.

As a reminder, a postcard will be mailed two weeks prior to pickup. Please bring postcard to pickup.
April 15, 9:00 am - 6:00 pm, April 16, 9:00 am - 11:30 am
Monroe County Fairgrounds, M-50

A deposit of at least 25% must accompany this order
Make checks payable to Monroe Conservation District
Credit cards are **NOT** accepted

CHECKS GLADLY ACCEPTED - should your check be returned for insufficient funds, you expressly authorize your account to be electronically debited or bank drafted for the amount of the check plus any applicable fees. The use of a check is your acknowledgment and acceptance of this policy and its terms and conditions.

Total Page 3 _____

Total Page 4 _____

Subtotal _____

6% Sales Tax _____

If purchasing Native plants,
put total here _____

Donation To District _____

Grand Total _____

Deposit _____

Balance Due _____

Please tell us how you would prefer to receive future Conservation Plants catalog. Circle one.
Email *Regular mail*

Refunds less than \$1.00 will be considered a donation to the District

Name _____ Daytime Phone _____

Address _____ City _____ State _____ Zip _____

E-Mail address if active _____

Drivers license number if paying by check _____

◇ Check here if there has been an address change

Ordering Deadline - March 18, 2022

- ❖ Any discrepancies in order must be reported within 48 hours.
- ❖ There is no guarantee of survival, and District liability for trees ends after pickup.
- ❖ The District reserves the right to cancel orders and refund payment due to reasons beyond our control.
 - ❖ Orders will be filled on a first-come, first-served basis.

For Office Use Only

Receipt # _____ Date Received _____ Check # _____ / Amount\$ _____ Cash \$ _____

All programs and services of the Monroe Conservation District are offered on a non-discriminatory basis without regard to race, color, national origin, religion, sex, age, marital status or handicap.

THIS AND THAT DESCRIPTIONS

Photos may be seen at www.MonroeCD.org

Bat house - Single chamber holds approximately 100 bats, triple chamber approximately 300 bats. Weather resistant cedar.

Fertilizer tablets - 10-gram, nutrient rich starter tablets supply all the nitrogen, phosphorus and potash needed by seedlings for 2 years. More nutrients released during growing season when bacterial activity is greatest. Use 1 tablet per seedling or transplant.

Flags - 4x5" fluorescent orange plastic on a 36" wire.

Plant markers - Galvanized steel wire 10" tall with zinc labels. Labeling area 1" x 2 1/2" is firmly attached to the wires.

Plantskydd repellent - This 100% natural repellent lasts 6 month in winter, 3-4 months in summer. Animals associate the odor with predator activity. A soluble powder or ready to use liquid. One-quart liquid spray protects 80 to 100 one foot high plants; five-quart liquid jug treats 400 to 600 one foot high plants; 1 lb. soluble powder treats 300 to 400 one foot high plants, applied as a spray with a pressurized hand-held or backpack type sprayer. Use for deer or rabbits.

Rain Barrel - 55 gallon barrels for collecting rain water for outdoor watering. Colors & additional information may be found on our website.

Root dip - (TerraSorb) A powder developed specifically for moisture retention. When mixed with water creates a gel that clings to a plant's roots. A 2-ounce bag will treat about 2,000 seedlings; fewer transplants or plants with larger root masses.

Signs; TREES PLANTED and NO TRESPASSING- 7 1/2" x 11" heavy aluminum, black print on yellow or orange.

Tree Protectors - Protects seedlings, grown vegetables and flowers from heavy wind, frost and snow. Helps stimulate plant growth by allowing light to pass through freely with plenty of ventilation while retaining needed warmth. Open top allows for easy watering access and better ventilation. 60 inches in height, translucent white in color, flexible and easy to install. Stakes NOT included.

Tree Guards - Tough vinyl built for durability. Protect young trees from winter rodents and sunscald. Remove and reinstall annually to avoid girdling 1-1/2 inch diameter, 36 inches tall.

Tree shelters - Three straight wires (legs) push into the ground for stability, center over the seedling, embedding the edge into the soil.

Weed fabric squares - A porous polypropylene fabric allows air, water & nutrients to pass through while controlling weed growth. Five staples are included to anchor mat to soil.

FERTILIZING AND WATERING

During the first year, the seedlings should not be fertilized with standard fertilizer because it can dehydrate the plants and will fertilize the weeds. However a slow-release type of fertilizer can be beneficial, as it will release nutrients slowly over time, thus eliminating the concern of "fertilizer burn". Slow-release fertilizer, such as that found in the fertilizer tablets sold by the district, are most beneficial on sites with a low natural soil nutrients, such as coarse sandy soils. A soil test is the best way to determine if fertilizing is required. During the second and third year you can use 2 oz. (1/4 cup) of 12-12-12 fertilizer per tree; if you have weeds under control. The fertilizer pellets should be spread evenly around the plant on the outside of the drip line, with no direct contact on the plant. If no rain falls and water is available, the trees can be watered once a week with one inch of water. In drier soils, it may be beneficial to water more often, and in moist soils watering should be less frequent. Discontinue watering hardwoods in late August to encourage hardening off for winter.

PLANTING INSTRUCTIONS

Site preparation and good weed control is a must. Kill or remove all existing vegetation prior to planting. Plant trees as soon as possible after pick-up. Plant one tree at a time, keeping roots covered so they do not dry out. Dig a hole using a planting bar, shovel or spade wide enough to permit tree roots to spread out in a natural uncurled position. Roots can be pruned to 8"-12", depending on size of trees, to accommodate this. Firmly pack soil around roots to eliminate air pockets. Small seedlings can also be planted in a nursery bed, 12" apart, until they increase in size and can be transplanted. Stay 20' away from primary power and property lines.

GROWTH RATE

Slow growing: Less than 1 foot per year
 Moderately slow: 1 to 2 feet per year
 Moderately fast: 2 to 3 feet per year
 Fast: Greater than 3 feet per year

LONGEVITY

Short lived: less than 100 years
 Moderately short lived: 100 to 150 years
 Moderately long lived: 150 to 250 years
 Long lived: over 250 years

TREE PLANTING SPACING				
<i>PLANTING PURPOSE</i>	<i>CONIFERS</i>		<i>DECIDUOUS</i>	
	Spacing	Trees per acre	Spacing	Trees per acre
REFORESTATION: Good Management (thinning & weed control)	8' x 10'	545	12' x 12'	303
No Management Planned (Let trees grow to maturity)	10 x 10	435	12' x 12'	303
EROSION CONTROL:	5' x 5' - 7' x 7'	1,742-889		
WINDBREAKS: <u>3 rows recommended:</u> 2 rows of conifers 1 row of shrubs	<i>CONIFERS</i>		<i>DECIDUOUS</i>	
	8' - 10' between trees		10' - 12' between trees	
	10' - 12' between rows		12' - 15' between rows	
NUT TREES:			Spacing	Trees per acre
REFORESTATION			10' x 10'	435
NUT PRODUCTION			25' x 25'	70
when crowns touch, thin to:			50' x 50'	18
NOTE: Plant individual trees no more than 200 feet from each other to ensure cross-pollination for nut production.				



Monroe Conservation District
1137 South Telegraph Road
Monroe, Michigan 48161

Or Current Resident

Monroe Conservation District - Spring 2022 Conservation Plants Catalog
(734) 241-8540 ext. 5

ANNUAL MEETING

Formerly held in January, now being moved to April 28th for 2022. It will remain on the fourth Thursday in April moving forward.

The event includes dinner, director elections, and a short program.

We encourage residents of the county to attend and learn about what the conservation district does. Residents of Monroe County are always encouraged to vote in our election of directors. Individuals who have an interest in advancing habitat restoration efforts, agricultural conservation practices, water quality improvement and related educational programming within the community and would like to get more involved should also consider joining the board as an associate director.

TREE SALE VOLUNTEERS NEEDED

Tuesday - Saturday, April 12-16, 2022

Tuesday thru Thursday, 9:00 am – 4:00 pm (unless we finish early).
Filling Hosta and lily orders
Packing and wrapping small tree bundles
Sorting and packaging berry bushes
Friday and Saturday customer order pickup, and selling extra stock
Friday is from 9:00 - 6:30 and Saturday 9:00 until noon.
Some of these duties will require standing for long periods.
There is no obligation to volunteer full days.

For more information or to sign up call 734.241-8540 ext 5 or email Catherine.acerboni@mi.nacdnet.net.

Thank you

Follow us on Facebook

<https://www.facebook.com/monroemid>

Thank You For Your Order!

District tree sales are the major source of funding for the conservation projects in our county. We want to take this opportunity to thank you for supporting our programs and improving the environment by planting trees.

Donations are accepted, appreciated, and tax-deductible.