

# MONTMORENCY CONSERVATION DISTRICT

## SPRING 2017



### SEEDLING DESCRIPTIONS AND PRICE LIST

**ORDER DEADLINE: March 31, 2017**

***There will be two tree pick-up days this year:***

**Friday, April 21<sup>st</sup> from 9 am to 5 pm** at the Alpena CD Warehouse located at the Alpena Airport

**Saturday, April 22<sup>nd</sup> from 9 am to 2 pm** at the Montmorency County Fairgrounds in Atlanta

For any questions on pick up arrangements or locations please contact the Conservation District office at (989) 785-4083 or email at [aprille.williamson@macd.org](mailto:aprille.williamson@macd.org)

**Drinking water well screening** for private wells will be available at the Alpena Warehouse on Friday, April 21<sup>st</sup> from 9am – 5pm. Check out our website for details on the screening procedure.

### **TREE PLANTING for landscape, reforestation, windbreaks and more**

Wednesday, March 8<sup>th</sup> from 5:30-7:30 at the Alpena Community College

Expand your knowledge of tree suitability and planting do's and don'ts

Contact ACC Community Education to register: (989) 358-7271

### **Home Orchard Care Demonstration**

Saturday, March 25th at 2:00 pm - 9085 South Leer Road, Alpena MI 49707

Fruit tree care and maintenance with John Christopherson, a previous commercial orchard grower.

RSVP requested: call (989) 356-3596 x 3

### **Attention Landowners!**

Are you interested in generating extra income from your property while supporting local hunting traditions? The MDNR is now leasing private land in the Northern Lower Peninsula to expand hunting opportunities for the public. Parcels must be at least 40 acres to be eligible. Annual payments of up to \$25 per acre are available, you can

determine what type of hunting is allowed, AND you are free from liability! Contact us or visit our website if you are interested in learning more. *Properties will be evaluated through July so they can be enrolled by August.*



***Thank you for your support!***

**The best time to plant a tree was 50 years ago – the next best time is now!**

The Montmorency Conservation District is an equal opportunity employer and will not discriminate in employment, promotions, or compensation on the basis of race, ethnicity, religion, gender, age, national origin, marital status, sexual orientation, disability, or any other extraneous considerations, not directly and substantially related to effective performance.

# SEEDLINGS

**Jack Pine** A very short needled pine, highly adaptable to poor soil conditions, and fast growing. Native to Michigan.

**Red Pine** A fast growing tree to 75 feet. Needles are 4 to 6 inches long, flexible, in clumps of two. Prefers well-drained sandy to sandy loam soils and likes full sun. Native to Michigan.

**White Pine** Fast growing, needles in clusters of five and tolerates a wide variety of soil types, prefers moist to well-drained sandy soil. This is an excellent tree for wildlife and windbreaks. Native to Michigan.

**Black Spruce** Moderately shade tolerant, prefers poorly drained soils, natural habitat includes swamps and bogs. Native to Michigan.

**Blue Spruce** Widely used as an ornamental and Christmas tree. Very susceptible to needle cast fungi and can require fungicide treatments annually. Does best in moist well drained soil, is moderately shade tolerant and grows to 90'. Don't plant next to Douglas fir.

**Norway Spruce** Medium growth to 150 feet. Thrives well in sandy soil, prefers moist clay to loam soils. They maintain lower branches that droop gracefully as the tree matures and is excellent for windbreaks.

**White Spruce** This tree can grow to 90 feet, found on a variety of sites, prefers well-drained clay to clay loam soils, and is excellent for wildlife cover and windbreaks. Native to Michigan.

**Concolor Fir** An excellent Christmas tree. This early-budding true fir has soft powder blue needles; grows well in sunny, well drained areas.

**Douglas Fir** Fast growing. Short, soft, blue-green needles make this an excellent Christmas tree, and does best in well-drained soil. Avoid planting in frost pockets and next to Blue Spruce.

**American Chestnut** This tree has yellowish green flowers in June-July. Full sun, tolerates droughty soils, fast growing and produces nuts in autumn. Does best in slightly acidic soils. Native to Michigan. Deer browse risk.

**American Hazelnut** A bushy shrub, flowers in March-April produces nuts August – September. Enjoys open sites in dry or moist areas in full sun. Native to Michigan. Deer browse risk.

**American Mountain Ash** White flowers change to orange-red fruit that persist in winter and are eaten by many birds. Moderately shade tolerant does best in moist locations, thriving fairly well in drier areas and on thinner soils. Not susceptible to emerald ash borer. Native to Michigan. Deer browse risk.

**American Plum** A large shrub 15 feet high, with clusters of red edible 1 inch fruit, winter hardy, grows better in sunny, moist, well drained soils. Native to Michigan. Deer browse risk.

**Black Elderberry** A thicket-forming shrub with large flat-topped clusters of small, fragrant white flowers in July. Big clusters of edible dark purple to black, berry-like fruits follow in late summer to fall. It prefers moist soil, full sun or light shade. Native to Michigan. Deer browse risk.

**Black Walnut** It is prized for its wood and edible nuts, does best in fertile, loamy soils that are well drained, may grow to 80'-100'. Native to Michigan. Deer browse risk.

**Highbush Cranberry** A tall shrub for lowland area. Berries persist through winter. Excellent for wildlife. Native to Michigan. Deer browse risk.

**Hybrid Poplar** Extremely fast growing tree to 80 feet. It will grow 5' to 10' per year after it is established. It is excellent for windbreaks and shade. It does best in full sun on well-drained soil.

**Hybrid Poplar Poles** This is a bare pole roughly 6 feet in length. Push into the ground 18-24 inches. With good weed control they will grow 1 foot the first year and then 3-6 feet per year after that. Plant in full sun and loamy or sandy loam soils are preferred. These trees do not like very wet or very dry sites. Life expectancy is 30-40 years.

**Indian Current** (Coral Berry/Buck Brush) Adapts to partial sun, moist to dry conditions and a loamy or rocky soil. Berries persist into winter and are eaten by birds. It's a favorite food plant of the white tailed deer and is often heavily browsed. Native to Michigan.

**Lilac** A small dense shrub with beautiful flowers and captivating fragrance. Tolerates a wide variety of soil types and needs full sunlight. Dense form provides protection for birds and wildlife.

**Red Maple** This tree has a rounded crown with upward reaching branches. Adaptable to many soils, tolerates moisture and alkalinity. Relatively fast growing and shade tolerant and can reach 40' to 60' in height. Native to Michigan. Deer browse risk.

**Red Oak** Produces high-quality timber. Fast growing, adaptable to most soil types and has a good salt and pollution tolerance. Native to Michigan. Deer browse risk.

**Rose of Sharon** An upright shrub that is vigorous, multi-stemmed and typically grows 5-6' tall. It bears multi-colored white, lavender and pink flowers from late summer until mid-fall and grows in a wide variety of soil types.

#### **Saskatoon Service Berry**

A flowering shrub that will grow to 20 feet tall or can be kept pruned for fruit production. They produce a fruit that looks like a blueberry and is edible. Taste is described as sweet yet nutty. Plant in well drained somewhat sandy soils in full to partial sun. Native to Michigan. Deer browse risk.

**Siberian Crabapple** A small tree 25' in height, red fruit a favorite food of ruffed grouse, pheasant and countless other birds and wildlife. It enjoys sunny locations on a wide variety of soils. Deer browse risk.

**Silver Maple** Similar to red maple, grows near swamps and river banks. Native to Michigan

**Sugar Maple** Grows best in loamy soils, used for maple syrup and high quality timber. Native to Michigan.

**Washington Hawthorn** Great for birds and wildlife, holds berries in the winter. Grows in upland forests.

**White Birch** Needs full sunlight, fast growing but shorter life cycle. Native to Michigan

**White Cedar** Shade tolerant, slow growing and lives long. Harder to get established, grows near moving underground water and swamp areas. Heavily browsed by deer. Native to Michigan.

**White Oak** The White Oak is fairly tolerant of a variety of habitats, and may be found on ridges, in valleys, and in well drained sandy loam to clay loam soils. Native to Michigan. Deer browse risk.

## **CONTAINERIZED SEEDLINGS**

Container grown seedlings are becoming more common as a choice for tree planting stock. These seedlings are of excellent quality. They are easily hand planted. Research shows that containerized seedlings have a much better survival rate. The seedlings have a plug of soil surrounding the roots. They were removed from the container, graded, and wrapped in cellophane. There are no containers to return. We have Jack Pine, Red Pine, White Pine, Norway Spruce and White Spruce available in bundles of 25.

## **PACKETS, BERRIES & OTHER STUFF**

**Butterfly Bush Packet (5 Bushes)** This shrub attracts butterflies with fragrant flower spikes that are in bloom from summer to fall. Plants grow 4 to 6 feet tall if planted in full sun on moist to well-drained soil.

**Butterfly and Hummingbird Wildflower Mix** This mix of native wildflowers and grasses is designed to attract nectar-loving pollinators such as native bees, insects and hummingbirds. Covers 250 sq. ft.

**Blazing Star Bulbs** Lavender to pink flower heads on a 2 to 4' spike covered with fine fuzz and many leaves.

**Fountain Grass** This is an excellent butterfly resting area. They have fuzzy, spike-like flowers that look like narrow bottlebrushes. Flowering occurs in July through fall. Flower color changes from whitish purple to coppery purple and persists well into the winter. Fall foliage is yellow-gold. It grows well in any fertile, moist, wet or well-drained soil and prefers full sun to very light shade.

**Black Berry-Cheyenne** Prefers upland soils, likes full sun and is eaten by a wide variety of birds and animals. Thick tangles provide shelter for birds and wildlife.

**Blue Berry-Blue Crop/Blue Ray** Blue berries require a loose, acid soil (pH of 5.0 or less) and prefer open sites. They are enjoyed by a wide variety of birds and wildlife. Fruit ripens in July/August.

**Raspberry-Red Latham** Raspberries prefer upland soil in open areas. Enjoyed by a wide variety of wildlife and are very productive.

## **WILDLIFE TREE PACKETS**

**Apple – 4 trees:** Packet contains a Honey Crisp, Cortland, Northern Spy & Liberty apple.

**Apple – 2 trees:** Contains a Honey crisp and Cortland.

**Crabapple – 2 trees:** Contains a Manchurian and Indian Summer crabapple.

**Cherry – 2 trees:** Contains a Van Sweet & Bing cherry.

**Peach – 2 trees:** Contains an All Star and Red Haven peach.

**Pear – 2 trees:** Contains an Anjou and Bartlett pear.

## **OTHER STUFF**

**Planting Bars** Used by professional tree planters; will last a lifetime. Spud has a 3"x 11" blade wedge shaped in cross section; and has footstep and handle. It weighs approximately 7 pounds.

**Containerized Seedling Planting Bar** Used to plant containerized seedlings or to take soil cores for sampling. Removes a 1" by 6" core of soil for placing the seedling and it is locally manufactured.

**Root Dip** This absorbent retains water and gives it back to the plant during dry periods reducing plant stress. Mix with water in large bucket and dip roots into mixture. A 1 ounce package plants 1000 seedlings.

**Garlic Repellent Sticks** Designed by a professional forest researcher. These unique sticks are clipped to trees and shrubs where they emit a powerful garlic odor. The plastic cover protects the ingredients from the weather. They last up to 6 months. Place four to six feet apart to create a barrier around your plants.

**Tree Tubes** Made of plastic, the tree shelters are 5 feet tall. They protect seedlings from deer, rabbits, herbicides, mowers, weed trimmers and severe weather. They encourage faster seedling growth in a greenhouse environment.

**Flags** They are an excellent way to identify where you have planted tree seedlings. The flags are fluorescent color on a 36" wire.

**Signs** High grade aluminum signs, long lasting, warning "Trees Planted - Keep Off". Sign measures 7.5" x 11", black print on high visibility orange/yellow background.

# Montmorency Conservation District

## Spring 2017 Tree Sale



PO Box 795  
 Atlanta, MI 49709  
 989.785.4083  
[www.montmorencyd.org](http://www.montmorencyd.org)

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

Bare Root	AGE	SIZE	10	25	50	100	500	1000	Quantity	Cost	
Jack Pine	2-0	6-12"	\$13	\$19	\$24	\$31	\$108	\$194			
Red Pine	2-0	4-8"	\$13	\$19	\$24	\$31	\$108	\$194			
White Pine	2-0	4-8"	\$14	\$22	\$26	\$34	\$119	\$213			
Black Spruce	2-0	5-10"	\$14	\$22	\$27	\$35					
Blue Spruce	2-0	5-10"	\$14	\$21	\$25	\$33	\$116	\$207			
Norway Spruce	2-0	5-10"	\$14	\$21	\$25	\$33	\$116	\$207			
White Spruce	2-0	5-10'	\$14	\$21	\$25	\$33	\$116	\$207			
Concolor Fir	2-0	5-10'	\$17	\$27	\$32	\$42	\$147	\$262			
Douglas Fir	2-0	6-12"	\$14	\$22	\$27	\$35	\$123	\$219			
American Chestnut	1-0	1-2'	2 trees for \$15								
American Hazelnut	1-0	1-2'	\$25								
American Mountain Ash	2-0	2-3'	2 trees for \$12								
American Plum	1-0	1-2'	\$34								
Black Elderberry	1-0	1-2'	\$24	\$51							
Black Walnut	1-0	1-2'	\$25	\$41	\$77	\$113					
Highbush Cranberry	1-0	1-2'	\$13	\$20	\$35	\$63					
Hybrid Poplar	1-0	2-3'	\$13	\$20	\$35	\$63					
Hybrid Poplar Poles		7-9'	\$23	\$48	\$75						
Indian Current	1-0	1-2'	\$33	\$73							
Lilac	1-0	5-10"	\$10	\$16	\$29	\$52					
Red Maple	1-0	1-2'	\$13	\$20	\$35	\$63					
Red Oak	1-0	1-2'	\$13	\$20	\$35	\$63					
Rose of Sharon	1-0	1-2'	\$10	\$16	\$29	\$52					
Saskatoon Service Berry	1-0	1-2'	\$27	\$56							
Siberian Crabapple	1-0	1-2'	\$23	\$38	\$73	\$107					
Silver Maple	1-0	1-2'	\$27	\$56							
Sugar Maple	1-0	1-2'	\$33	\$73							
Washington Hawthorn	1-0	1-2'	\$23	\$38	\$73	\$107					
White Birch	1-0	1-2'	\$23	\$38	\$73	\$107					
White Cedar	1-0	1-2'	\$23	\$38	\$73	\$107					
White Oak	1-0	1-2'	\$23	\$38	\$73	\$107					
CONTAINERIZED SEEDLINGS			25	100	500	1000				Quantity	Cost
Jack Pine	\$22	\$42	\$180	\$320	25 per bundle						
Red Pine	\$22	\$42	\$180	\$320							
Norway Spruce	\$22	\$42	\$180	\$320							
White Pine	\$22	\$42	\$180	\$320							
White Spruce	\$22	\$42	\$180	\$320							
<b>A Totals</b>											

<b>PACKETS, BERRIES &amp; OTHER STUFF</b>	<b>EACH</b>	<b>Quantity</b>	<b>Cost</b>
Butterfly Bush Packet (5)	\$10		
Wildlife Apple Tree Packet (4)	\$70		
Wildlife Apple Tree Packet (2)	\$35		
Wildlife Crabapple Packet (2)	\$35		
Wildlife Cherry Packet (2)	\$35		
Wildlife Peach Packet (2)	\$35		
Wildlife Pear Packet (2)	\$35		
Wildflower Packet - Butterfly and Hummingbird Garden Mix	\$6		
Fountain Grass	\$1		
Blazing Star Bulb (Liatris Spicata) packet of 5	\$2.50		
Black Berry - 1 each	\$6.00		
Blue Berry - 1 each	\$6.00		
Raspberry - 1 each	\$6.00		
Planting Bar	\$48		
Containerized Planting Bar	\$55		
Root Dip - 1 oz	\$1.50		
Garlic Repellent Sticks	\$1		
Tree Tubes	\$3.50		
Tree Marking Flags	\$0.25		
Trees Planted Sign	\$3		
<b>B Totals</b>			

- We do not guarantee survival. Our liability ceases when seedlings are delivered to buyer or custom planter.
- It is unlawful for trees and shrubs purchased from the District to be re-sold with roots attached (P.A. 189 or 1931).
- The District reserves the right to cancel orders and refund payment due to circumstances beyond our control.
- There will be two pickup dates for trees: Friday, April 21<sup>st</sup> at the Alpena CD Warehouse located at the Alpena Airport and Saturday, April 22<sup>nd</sup> at the Montmorency County Fairgrounds.
- Please have orders to District Office by March 31, 2017
- Mail Order with payment to Montmorency Conservation District PO Box 795 Atlanta, MI 49709

**Checks must accompany orders and be made payable to: Montmorency Conservation District**

<b>Subtotal A+B</b>	<b>\$</b>
<b>10% Tax &amp; Fees</b>	<b>\$</b>
<b>Tax Deductible Donation</b>	<b>\$</b>
<b>Grand Total</b>	<b>\$</b>

<b>Office Use Only</b>	
<b>Customer Name:</b>	_____
<b>Order #</b>	_____

## CARE OF YOUR SEEDLINGS

Seedlings need to be kept moist and cool. The trees should be planted as soon as possible. Do not leave the seedlings in a car trunk or inside a hot car. Car trunks have little ventilation and get very warm. The most important thing to remember when planting trees is to make sure the roots do not dry out during storage and when planting. Keep them in a bag or pail when planting by hand. If machine planting, keep the roots covered. Wet burlap works well for this.

**CONTAINERIZED SEEDLINGS:** These seedlings are grown in containers in greenhouses and moved outside to shade houses to become acclimated to outdoor conditions. The most important thing to remember is to make sure that the top of the root plug is covered by approximately 1/2” of native soil.

**BAREROOT SEEDLINGS:** Bare root stock should be planted at the same depth at which they were grown in the nursery, with plenty of room for the roots. Partially fill the hole, firming the soil around the lower roots. Shovel in the remaining soil. It should be firmly but not tightly packed. Construct a water-holding basin around the tree. Give the tree plenty of water.

## CONSERVATION DISTRICT PROGRAMS

**Conservation Technical Assistance Initiative (CTAI):** Kenneth Parsons is our CTAI specialist covering Alpena, Alcona, Cheboygan, Montmorency and Presque Isle counties. The purpose of this program is to help citizens better understand, plan, manage, protect and utilize their natural resources. He works directly with United State Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS) to implement conservation practices funded through the Farm Bills.

**Cost Share Dollars:** The USDA Natural Resource Conservation Service may have cost share dollars available for tree planting practices under the Environmental Quality Incentive Program (EQIP). Please contact the NRCS office for details at (989) 356-3596 to see if you qualify prior to purchasing trees or shrubs.

**Bovine TB Program:** Emily Sewell is our Technician for the Bovine TB Program. The purpose of this program is to establish and implement the Wildlife Risk Mitigation Program and deliver the Wildlife Risk\**A*\*Syst for the Bovine TB Project Assessment Tool. She coordinates educational/outreach services and provides technical assistance to livestock producers.

**Michigan Agriculture Environmental Assurance Program (MAEAP):** Randy Mellberg is our MAEAP



technician covering Alpena, Alcona, Montmorency and Presque Isle counties. The purpose of this program is to deliver on farm technical assistance, using farm specific risk assessments, education and conservation plan development to implement practices and coordinate local, state and federal agency resources to help reduce identified environmental risks, and make progress toward MAEAP verifications.

**Forestry Assistance Program (FAP):** Brook Alloway is our forester covering Montmorency and Alpena counties. The program provides funds to hire a professional forester for the Conservation District to provide information, education and technical assistance to private forest landowners, local governments, and other citizens on forestry issues including timber production, habitat management, and forest health.





**Montmorency  
Conservation District**  
PO Box 795  
Atlanta, Michigan 49709  
[www.montmorencyd.org](http://www.montmorencyd.org)

OR CURRENT OCCUPANT

**Other important information:**

- ✓ Site preparation is very important for the success of tree and shrub plantings. It is important to get rid of the grass, weeds, and other vegetation so they do not compete with the seedlings for sunlight, moisture, and nutrients. This can be done mechanically, with herbicides or several other methods. Mowing is not considered weed control because it stimulates weed root growth.
- ✓ If you need help with selection of species and where they grow best or would like a species that is not offered in the catalog stop by the office at 12265 M-32 or call us at (989)785-4083.
- ✓ Donations to Montmorency Conservation District are tax deductible.
- ✓ We do not guarantee stock once it leaves the premises or is left beyond pickup date. We took care in getting the trees to the customer(s), however once the trees leave us it is the responsibility of the customer/landowner to make sure that they are planted properly and watered. We reserve the right to refund purchase price if seedlings cannot be provided due to circumstances beyond our control. We reserve the right to limit the number of shrubs due to the limited quantities available and to substitute similar shrubs if necessary.
- ✓ 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.
- ✓ For more information on district programs, feel free to explore our web site: [www.montmorencyd.org](http://www.montmorencyd.org)
- ✓ We will not have an abundance of overstock the day of the sale. Please anticipate your needs.