

Van Buren Conservation District's
Tree Seedling Sale
2011

Planting Seedlings, Growing Canopies

Tree Orders Due April 1st

Pick Up Date

Friday, April 15th: Noon-6:00pm

Saturday, April 16th: 9:00am-2:00pm

View product descriptions and place your order online at:
www.vanburencd.org



Tree Sales for Our Future

Michigan Conservation Districts are described as a small unit of government but survive primarily on grant funding. Van Buren Conservation District hosts four different grants at this time: the Michigan Water Stewardship Program (MWSP) for Van Buren, Allegan and Cass and the Conservation Technician Assistant Initiative (CTAI), both through the Michigan Department of Agriculture; the Black and Paw Paw River Watershed Wetland Restoration Project grant through the Department of Environmental Quality; and the Paw Paw Watershed BMP grant with The Nature Conservancy. Van Buren Conservation District also relies on revenue from the annual Tree Seedling Sale, Native Plant Sale, rental equipment and leased hunting property. Our District provides numerous educational programs and workshops that focus on our natural resources, conservation, local foods, and sustainable farming practices that are beneficial to the health of our community, environment and future.

Your support in ordering and planting tree seedlings from local Conservation Districts will allow Districts to continue to offer services of education and projects that make a difference in your community, improve the quality and availability of wildlife habitat, impact the stability and fertility of soils, and help our air and water be healthier natural re-

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Watershed Coordinator

Mike Wozniak

Conservation Technician

Jared Foster

Conservation Technician

Orders are due no later than April 1st

Tree Seedling Pick-up times and location:

Friday, April 15th: Noon - 6:00pm

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Van Buren Conservation District

1035 E. Michigan Ave

Paw Paw, MI 49079

269-657-4030 x5

www.vanburencd.org



Van Buren Conservation District Calendar of Events

Spring Field Day

March/April (TBA)

Join us on a tour of local farms to look at the benefits of cover crops, filter strips and high crop residue coverage. Spring rains and snow melt are major contributors to erosion and sedimentation. Come see how these best management practices can protect your farms and our streams.

Spring Native Plant Sale

May 21st 10am - 3:00pm

Pre-Orders are due May 6th.

Check our website at www.vanburencd.org frequently for updates.

Annual Meeting;

Summer Farm Day & Picnic

July 13th

at Cronenwett Farms in Lawton

Join the Van Buren CD for their annual meeting, election and pig roast. Get updated about what's happening with CD programs and projects, learn about one of the oldest grape farms in Lawton and join us for great food and fun. RSVP is preferred.

Ag Affair in Cass County

August 24th

at the McKenzie Farm in Marcellus.

Tour the farm's fertilizer storage Agriculture Containment Facility (ACF), and other components of NRCS programs. Learn about Farmers CARE programs, Conservation District programs, and visit with other local farmers. RSVP is preferred.

Rain Barrel Program

@ Red Cross Expo

March 4th & 5th

at Van Buren Conference Center in Lawrence. Did you know that over 1,000 gallons of water runs off the average roof in every normal rain storm event? Find out how easy it is to build your own rain barrel so you can use this water.

Native Plant Gardening Workshop

May 3rd 6:30pm

at the Van Buren Conservation District.

What is native and why plant it? Learn all about native Michigan wildflowers and grasses. Pre-register is preferred.

River Rescue

August 6th (tentative)

Do you know of an area in Van Buren County that needs to be rescued from illegal dumping? Are you interested in volunteering for our community river/creek trash cleanup? Call and let us know you want to help!

Farming for the Future

November 30th

An educational program for beginning to experienced farmers, small farms to farms that have been established for generations. Our farm programs could be for you! Variety of topics, speakers and information for you to take back to the farm. More information will soon be released.

For more information about any of our programs or to register for workshops or field days please call the VBCD at 269-657-4030 x5.



Volunteer Opportunities!

If you are interested in volunteering for the Van Buren Conservation District, please call us at 269.657.4030 x5 . There are many opportunities such as gardening, tree seedling packing, rain barrel building, river clean ups and much more.



Conifers (Evergreens)



*White Pine (*Pinus strobus*)

H 50-80 ft. Fast growing pine, native to the eastern U.S. Grows in well drained, sandy soils, will tolerate most soils. Michigan state tree. Long, soft needles. Provides wildlife cover and food, windbreaks, reforestation.

*Red Pine (*Pinus resinosa*)

H 70-80 ft. Moderately fast growing native pine. Grows in well drained, dry, sandy, acidic soils, will tolerate most soils. Reddish tinged bark, used for reforestation, windbreaks, wildlife plantings.

Colorado Blue Spruce (*Picea pungens*)

H 50-70 ft. Prefers moist loam or clay soils, will grow on well drained soils where water is present close to the surface. Somewhat slow growing tree, silvery blue-green, short needles. Dense foliage. Native to central and southern Rockies. Used for windbreaks, landscaping & wildlife cover.

Norway Spruce (*Picea abies*)

H 100+ ft. Moderately fast growing native pine. Grows in well drained, dry, sandy, acidic soils, will tolerate most soils. Reddish tinged bark, used for reforestation, windbreaks, wildlife plantings.

*White Spruce (*Picea glauca*)

H 60-80 ft. Slower growing, native to Michigan. Grows in well moist loam soils, clay, somewhat acidic, will not grow well in sand. Very hardy tree, endures heat and drought, will retain lower branches except in close stands.

*Northern White Cedar (*Thuja occidentalis*)

H 40-60 ft. Slow growing, native tree. Grows in wet forests, swamps, clays and loamy soils. Highly preferred winter food source for deer. Popular ornamental tree.

Fraser Fir (*Abies fraseri*)

H 30-50 ft. Fairly slow growing tree, prefers moist, well drained soils. Desirable ornamental and Christmas tree. Stiff branches with soft needles.



Deciduous (Broad leaf) Trees



*Black Cherry (*Prunus serotina*)

H up to 125 ft. Widely adaptable to most soil types and textures. Flowers are small, white, fragrant and emerge late spring after leaves have developed. Fruits are edible although quite bitter raw. Fruits are a great source of food for wildlife.

*Black Walnut (*Juglans nigra*)

H 50-75 ft. Prefers moist, well drained soils. Large tree, producing edible walnuts for human consumption as well as wildlife food source. Also used for timber & landscaping.

*Canoe Birch (*Betula papyrifera*)

H 70-80 ft. Grows best on well drained to moderately well drained sandy soils. Will grow on nearly all soil types. Medium sized single or multiple stemmed tree. Relatively short-lived. On mature trees bark is thin, white, smooth separating into strips.

*Red Maple (*Acer rubrum*)

H 30-90 ft. Grows best on moist, fertile, loamy soils. Does well on a very wide range of soil types, moisture and pH levels. One of the most common and widespread deciduous trees of eastern North America. Desired landscaping tree, excellent choice for urban settings due to the ability to withstand both dry and wet conditions and higher tolerance for pollution than the sugar maples.

*Sugar Maple (*Acer saccharum*)

H 90-120 ft. Can grow on sandy or loamy soils. Grows best on moist, fertile, well drained soils. Fairly fast growing, Significant source of sap for maple syrup. Wood is one of the hardest of the maples. Easy to transplant, beautiful fall color.

*Red Oak (*Quercus rubra*)

H 65-100 ft. Grows on clay, loam or sandy soils. Best growth on deep, well drained, finely textured soils with fairly high water table. Tallest and most rapidly growing of the oaks.

*White Oak (*Quercus alba*)

H 60-90 ft. Grows on a wide variety of soil types. Prefers well drained sandy loams. Slow growing and long lived tree. Acorns are a highly preferred food source for wildlife.

*Tulip Poplar (*Liriodendron tulipifera*)

H up to 200 ft. Grows best in loamy moderately moist soils. Mature trees do not tolerate prolonged flooding. Will grow on well drained soils. Valuable timber tree. One of the tallest trees in forest stands with nearly 60% of the trunk branch free. Fast growing without the common problems of weak wood strength or short life span.

*Denotes native Michigan species

Small Trees & Shrubs

***American Elderberry (*Sambucus canadensis*)**

H 9 ft. + Adaptable to many soil types from very wet to somewhat dry. Small white flowers produced in clusters, forming dark red-purple fruits in late summer. Species can be aggressive in the right conditions. Fruit edible if cooked.

***American Hazelnut (*Corylus americana*)**

H 3-10 ft. Prefers well drained loamy soils. Large, thicket forming shrub. Found along hedgerows, meadows, woodlands. High quality wildlife habitat (food & shelter).

***American Plum (*Prunus americana*)**

H 3-10 ft. Adaptable to a wide range of soil types. Multi-stemmed, shrubby, small tree up to 15ft tall. Small, white, very fragrant flowers in spring, before leaf emerges. Rounded 1" yellow to red fruit in mid to late summer. Thrives with neglect. Excellent for wildlife habitat.

Butterfly Bush (*Buddleia davidii*)

H 5-10 ft. Will grow on most soil types, prefers moist soils. Very large, showy clusters of flowers produced at ends of branches. Flower clusters are approx. 4-10" long. Most common color is purple or lavender. Planted for ornamental purposes and wildlife habitat. Flowers are very attractive to butterflies.

***Button Bush (*Cephalanthus occidentalis*)**

H 5-12 ft. Grows very well in moist, rich soils, including moderate standing water. Will tolerate many different soil types, does not grow well on very dry soils. Tiny, white, tubular flowers appear in dense circular clusters and are attractive to birds and butterflies. Fruit usually persists through the winter. Bright green, glossy leaves emerge in spring, flowers in early summer.

Common Lilac (*Syringa vulgaris*)

H 8-15 ft. Widely adaptable to many soil types. Medium growth rate, large shrub/small tree. Lower portions of branches are leaf free. Produces abundant large, showy, highly fragrant lavender flowers in spring. Commonly used for landscaping.

***Highbush Cranberry (*Viburnum opulus*)**

H 3-12 ft. Widely adaptable to many soil types. Prefers well drained loamy soils. Commonly used for hedgerows, landscaping, wildlife habitat. Bright red fruits persist well into winter, providing wildlife food and cover. Fruit mildly toxic to humans in large amounts.

***Nannyberry (*Viburnum lentago*)**

H 12-15 ft or larger. Very adaptable to many soils, grows well in moist and somewhat dry soils. Multi-stemmed shrub, easily transplanted, suckers from base. Produces small white flowers in flat clusters in Mid to late May, fruits are small and rose to blue-black when ripe. Used for hedgerows, landscaping, wildlife habitat.

***Ninebark (*Physocarpus opulifolius*)**

H 6-10 ft. Easy to grow. Does well in very dry, sandy soils, is adaptable to many conditions. Tan, reddish brown, peeling bark. Clusters of small whitish-pink flowers in May-June. Benefits from renewal pruning. Useful in hedgerows, landscaping, for wildlife habitat.

***Red Osier Dogwood (*Cornus stolonifera*)**

H 3-15 ft, Prefers rich, moist soils. Will grow in most soils. Medium to tall shrub, branches typically dark red in color. Fruits are small white berry. Popular shrub for streambank stabilizations, landscaping and wildlife plantings.

Sargent Crabapple (*Malus sargentii*)

H 6-8 ft. Prefers moist well drained acidic to neutral soils. Small tree producing numerous single 1" bright white flowers followed by small (1/3") dark red fruits. Good disease resistance. Years of heavy flowering can alternate with light ones.

***Eastern Red Bud (*Cercis canadensis*)**

H up to 15 ft. Prefers moist, well drained soils. Fairly adaptable to many conditions, except very wet sites. Small, clustered, purple-lavender buds in early spring opening to pink-lavender flowers displayed in April before foliage emerges.

Alleghany Serviceberry (*Amelanchier laevis*)

H up to 40 ft. Adaptable to many soil types, prefers well drained loams. Features showy, 5-petaled, slightly fragrant, white flowers in drooping clusters which appear in early spring before the leaves. Flowers give way to small, round, edible berries which ripen to dark purplish-black and resemble blueberries in size, color and taste.

***Nanking Cherry (*Prunus tomentosa*)**

H up to 8 ft. Prefers loamy soils. Produces inconspicuous white flowers, with a moderate amount of red fruits or seeds. The greatest bloom is usually observed in the late spring, with fruit and seed production starting in the summer.

***White Flowering Dogwood (*Cornus florida*)**

H up to 30 ft. White flowers in early spring, red berries in fall provide wildlife food source. Commonly found as an understory tree. Prefers cool, moist, acidic soils with some organic content.

***Winterberry Holly (*Ilex verticillata*)**

H 6-10 ft. Prefers moist, acidic soils. Separate male and female plants. Female plants produce bright red, glossy berries which stay on through winter. Often planted to add winter color to landscape, and food source for wildlife.

*Denotes native Michigan species

Berries

Aurora Blueberries

Highbush type blueberry cultivar. Ripening date early September. Fruit size is medium, approximately 75 berries per cup. The fruits are of high quality and are known to store for long periods. Sold in gallon pots.

Blue Boy Blueberries

Cultivar of wild variety found in Southern Michigan. Light blue fruits are sweet with a little acid. Bluish foliage makes nice contrast in the landscape. Plants grow vigorously to a height of about 12" to 24". Sold in one gallon pots.

Duke Blueberries

Highbush type blueberry cultivar. Height is 4'-6' at maturity. Ripening date is early July. Small fruit size with fairly high yields. Sold in one gallon pots.

Heritage Raspberry

The most popular widely planted red fall Raspberry. Fruiting season occurs September 1st in Southwest Michigan and fruits can be harvested till the first frost. The fruits are firm and of medium size with a good flavor.

Navaho Blackberries

Thornless Blackberries. Berries are of medium size and of good flavor. Ripens the first of August in Southwest MI.

Fruit Trees

Jonagored Red Apple

5/8" caliper, bare root. The fruit develops 80-85% dark red color at maturity. Fruit stores very well and has good quality. Average picking dates for Southwest Michigan is end of September thru mid October.

Vanette Plum

5/8" caliper, bare root. Purple-blue plum is large sized, freestone, and has a very good taste. Trees are moderate to vigorous, very upright growing and produces moderately heavy crops. Average picking dates for Southwest Michigan is mid to late August.

Bartlett Pear

5/8" caliper, bare root. The fruit is medium size with smooth yellow skin. Flesh is distinctive, smooth, juicy, excellent for canning and fresh use. Tree is very adaptable, vigorous, and productive. Requires cross pollination. Average picking dates in Southwest Michigan is late August to early September.

Redstar Peach

5/8" caliper, bare root. A beautiful peach with an 80% red blush ripening in Redhaven season. The flesh is firm, has a good flavor, and is slightly clingy to the pit. Fruits are 2 3/4" - 3" with very few split pits. Average picking dates for Southwest Michigan is early to mid August.

Papaw Tree (*Asimina triloba*)

6" pot, 12"-15" tall. Sold in pairs. Tree grows to about 25 feet and the fruit is 3"-6" long. The plant has the characteristics of a tropical tree. Two plants are needed for pollination. The fruit is used in pastries, ice cream, breads, cookies, etc.

Mixed Species Packs

***Wildlife Tree/Shrub Pack**

Two each of White Oak, Black Cherry, White Pine, American Plum, American Hazelnut, Highbush Cranberry. 12 total. Seedlings suitable to most upland soils.

Wildlife Shrub Pack

Two each of American Plum, American Hazelnut, Alleghany Serviceberry, Ninebark, Nannyberry. 10 total. Seedlings suitable to most upland soils.

***Wetland Pack**

Two each of Button Bush, Nannyberry, American Elderberry, Red Osier Dogwood, White Cedar. 10 total. Suitable for most lowland or wetland soils.

Tree Care Supplies

Liquid Fence ® Deer/Rabbit Repellant

All natural, long lasting Deer and Rabbit repellant that will stop deer and rabbits from eating your flowers, shrubs, vegetable plants, trees and vines. Will not harm plants or animals. Somewhat rain resistant, may need to be reapplied after a heavy rain.
Gallon size covers about 2,000 sq. ft.
Quart size covers about 500 sq. ft.

TASSUCOL™ Protective Seedling Collar

Protective mulch mat for seedlings that helps fight ground vegetation and retain moisture. Post planting control of ground vegetation has been proven to increase growth and decrease mortality rate of tree seedlings. Non-toxic, made of de-inked paper fiber and designed to bio-degrade into the soil in about 2-4 years.

Rigid Seedling Diamond Mesh Protective Tubes with Bamboo stake

2 ft. tree tubes with bamboo stakes for support. These diamond mesh tubes protect young seedlings from nibbling intruders for up to five years. Allows young seedlings to grow and slowly photodegrades once seedlings have grown to a point of

Tree Marking Flags

4"x5" flag with 21" wire staff. Flags are fluorescent orange with Van Buren Conservation District name and logo printed on one side. A great way to mark seedlings or other plants to protect them from the lawnmower, tractor or just remember where you planted them!

Tree Gator-- Slow Release Watering Bag

A Tree Gator is a slow release watering system for new tree seedlings. The Gator holds 15 gallons of water that will slowly release water directly to the root system of a newly planted tree or shrub with no run-off or evaporation. It is a low-profile design that enables it to fit under plantings with branches beginning only 6" from the ground or higher.

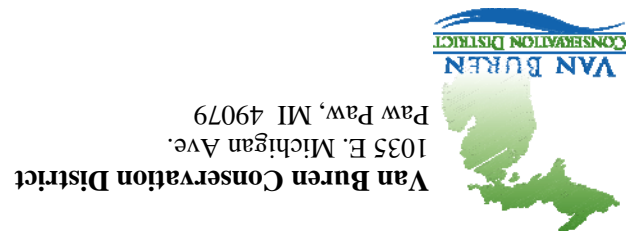
Books

Amphibians and Reptiles of the Great Lakes
Birds of Michigan Field Guide
Birds of Michigan Field Guide & Audio CD Set
Butterflies of Michigan Field Guide
Complete Guide to Michigan Sand Dunes
Edible Wild Plants, Mushrooms, Fruits and Nuts
Fish of Michigan Field Guide
Guide to America's Outdoors. Great Lakes
Landscaping for Wildlife
Lakescaping for Wildlife and Water Quality
Landscaping with Native Plants of Michigan
Mammals of Michigan Field Guide
Michigan Roadside Naturalist
Reptiles & Amphibians of Michigan Field Guide
The Living Great Lakes
Van Buren County 2009 Plat Book
Wildflowers of Michigan Field Guide
Woodworking for Wildlife

Other Items & Apparel

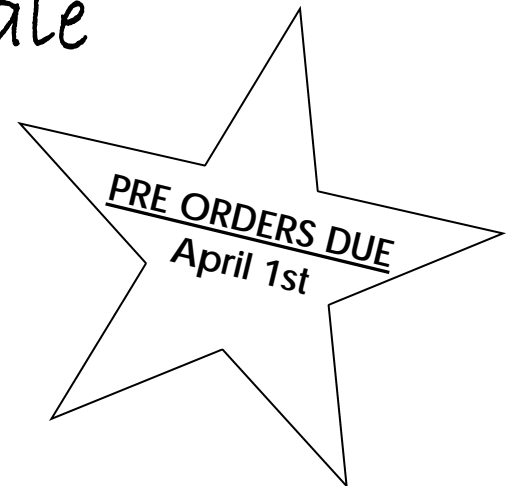
Rain Barrel Kit Recycled 55gal. (we give you directions & supplies, you put it together)
Rain Barrel Recycled 55 gal. (put together and ready to install)
Van Buren Conservation District T-Shirt (bright green)
Van Buren Conservation District 20 oz. Reusable Aluminum Water Bottle

Non-Profit
U.S. Postage Paid
Paw Paw, MI
Permit No. 87



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