

How to Order:

Orders will be taken until **Friday February 17 2017**. Tentative order distribution date is the second week in April. We will call when order is ready for pick up. Be sure to include the number of packets ordered and your correct address and telephone number on the order form.

Please complete the enclosed order form and mail it with your payment to:

Meigs SWCD
113 E. Memorial Dr
Suite D
Pomeroy, Ohio 45769



You may also place orders by stopping in our office between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. If you have any questions, please call 740-992-4282. For additional order forms visit meigsswcd.com

NOTE: The **Native Edibles Packet** contains two (2) of each of the five species listed in the brochure. There are a total of ten (10) seedlings per packet. The **Urban Evergreen Packet** contains two (2) of each of the two species listed in the brochure. There are a total of four (4) seedlings per packet. The **Birds and The Bees Packet** contains two (2) of each of the five species listed in the brochure. There are a total of ten (10) seedlings per packet.

SEEDLING SIZE: Tree and shrub seedlings should be between 6 and 18 inches tall, depending on the species. Seedlings should be planted within 5 days after pick-up and then watered regularly.

The Meigs Soil and Water Conservation District reserves the right to substitute species in the Specialty Tree Packets, Erosion Control Seed Mix, Wildlife Food Plot Seed Mix and Pollinator Seed Mixes based upon availability.



Meigs Soil and Water Conservation District

2017

Tree & Wildlife Packet Sale

Order Deadline February 17, 2017



Meigs SWCD
113 E. Memorial Dr, Suite D
Pomeroy, OH 45769
740-992-4282
meigsswcd.com

Deciduous Trees

Black Cherry (*Prunus serotina*) Commercially important tree growing to 60+ ft. at maturity; commonly used for lumber, veneer, and furniture. Leaves are dark green in summer and yellowish in fall. The small black fruit provides food for a variety of birds and mammals. Tolerates a wide variety of growing conditions.

Black Walnut (*Juglans nigra*) This large nut tree, reaching up to 75 ft. at maturity, is valued for timber, veneer, and furniture. It has dark green compound leaves and produces delicious nuts that are preferred by wildlife. Grows well in most locations, but prefers fertile, deep soils.



Northern Red Oak (*Quercus rubra*) Tall, relatively fast growing tree that can reach 80+ ft. at maturity. Leaves are shiny green in summer and bright red in fall. Makes an excellent tree for street or yard. Prefers full sun and acidic soil. It has a commercial value for furniture and lumber.



Sugar Maple (*Acer saccharum*) This large shade tree, which can reach heights over 100 ft., is the cornerstone of the maple syrup industry. The medium green leaves can turn brilliant yellow, orange, or red in the fall. Prefers partial to full sun and well-drained soil. Excellent shade tree.



White Oak (*Quercus alba*) A large, boadleaf tree growing to 100+ ft. at maturity. This species is shade tolerant, found on a variety of sites, and grows best in deep, sandy loam soil on south and west facing slopes. A great species for wildlife.

Coniferous Trees

Bald Cypress (*Taxodium distichum*) Large, slow-growing, long-lived, deciduous conifer. Frequently reaches 100-120 ft. in height and 3-6 ft. in diameter. The leaves are alternate, linear and flat with blades generally spreading around the twig. Prefers very wet soils consisting of muck, clay or fine sand where moisture is abundant and fairly permanent. Excellent for erosion control, timber, wildlife, and site rehabilitation. Consider their large size when planting near houses or power lines.

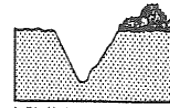


Canadian Hemlock (*Tsuga canadensis*) An attractive, graceful evergreen tree that has a narrow pyramidal shape when young and then becomes broader

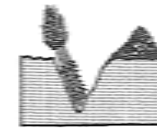
(Continued on page 3)

Care on Arrival

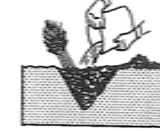
- Tree seedlings require water and cool temperatures to survive until planted.
- If you intend to plant the trees within a week (recommended), keep them in the shipping package in a cool or shaded location, such as a cooler (above freezing), basement, outbuilding, or on the north side of a building.
- If planting will be delayed longer than a week, open the package, make sure the roots and packing materials are damp, reseal, and store the package in a cool place, periodically checking the condition of the trees roots. Or, dig a trench deep enough to accommodate the roots and plant the seedlings, packing soil around their roots. (See illustration below.)



1. Dig v-shaped trench in moist shady place.



2. Break bundles and spread out



3. Fill in loose soil and water well.



4. Complete filling in soil and pack with feet.

- Do not allow the roots to dry out. Roots should be kept MOIST, not WET. Do not store seedling roots submerged in water.

Don't Guess...Soil Test!

Plants need proper nutrients to reach their full genetic potential. Soil sampling allows us to determine if plant needs can be met or if we need to make amendments to our soil so plants can grow their best. It's inexpensive and it's easy!

- Sample in spring or fall when grass is no longer actively growing.
- Soil properties vary from place to place. The sample should be representative of the area to be sampled as a whole. Do not take samples from an unrelated area.
- Remove plant debris or turf from soil surface at sample site.
- Sample lawns, gardens, and fields to a depth of 6-8 inches.
- Using a clean plastic bucket and a soil probe or spade, combine cores or slices of soil from at least ten locations per acre scattered throughout the area to be tested.
- Break up clumps, mix soil thoroughly, and air dry at room temperature.
- Place one pint of sampled soil in bag.
- Take sample to a testing location. Some local options are: Meigs County Extension Office, Buckley Brothers or Shade River Ag. Cost is approximately \$15 per sample.

Wildlife Food Plot Seed Mix

Create Food Plots for Wildlife! (25 lb. bag) Plant this mixture of sorghum, millet, soybeans, field pea, sunflower, buckwheat, and foxtail to provide a supplemental food supply for wildlife. This mixture is an excellent choice for the conservation-minded landowner who wants to attract wildlife. Covers ½ acre.

Groundcover

English Ivy (*Hedera helix* 'Thorndale') Evergreen groundcover with dark green leaves. Multiple garden uses ranging from a low growing groundcover to a high climbing vine. Grows well in sun or shade and is drought tolerant. Height is 6-8 inches at maturity. Plant 8-12 inches apart. 100 plants.

Pachysandra (*Pachysandra terminalis*) This groundcover has deep green glossy foliage and a compact habit. Grows well in sun or shade. Height is 6-9 inches at maturity. Plant 6-12 inches apart. 100 plants.

Wildlife Boxes

Bat House Bats play an essential role in keeping populations of night-flying insects in balance; one bat can catch hundreds of insects per hour! They are the primary predators of beetles, moths, leafhoppers, mosquitoes, and other insects. Installing this cedar bat house on your property will provide roosting locations for these nocturnal mammals.

Eastern Bluebird Box Landlords wanted! Attract bluebirds to your property! Bluebirds readily accept nesting boxes to raise their young. Ideal bluebird habitat is a mix of scattered trees and open grasslands including short, mowed, or grazed grass. These cedar nest boxes should be placed at least 300 ft. apart. Contact the District for more information on bluebirds.



Tree Supplies

Tree Marking Flags 30 inch high metal stake with a 4 x 5 inch purple flag. Perfect for marking those newly planted trees, shrubs, and groundcover.

Plantskydd 100% organic, safe for use in protecting flowers, ornamentals, seedlings, shrubs, trees, as well as fruit, vegetables, and other food crops against browse damage from deer and rabbits. Won't harm the environment or pets. It is non-toxic, biodegradable, and also acts as a fertilizer. Available in 1 quart ready to spray bottle or 2.2 lb. soluble powder concentrate (makes 10 quarts of liquid for spraying).

(Continued from page 2)

with age. The short, dark green needles have two white bands on the underside. Makes a beautiful specimen and can also be pruned for formal or informal hedges. Grows 60-75 ft. at maturity. Grows best in cool, moist locations.

Colorado Blue Spruce (*Picea pungens* var. *glauca*) This large evergreen with a moderate growth rate can reach heights of 100+ ft. It has short, stout, prickly, bluish green to bright, silvery blue needles. Prefers fertile, moist soil in full sun, but will tolerate dry, well-drained areas as well. Valued as ornamentals, windbreaks, and Christmas trees.

Eastern White Pine (*Pinus strobus*) An outstanding timber pine due to its large size (80+ ft. at maturity) and fast growing ability. It has long, soft, light green needles and grows well in many soil types. Often used for windbreaks, wildlife habitat, lumber, and Christmas trees. Prefers full sun, but can tolerate some shade. Not salt tolerant.

Norway Spruce (*Picea abies*) One of the fastest growing spruces! Reaches 100 ft. at maturity. This extremely attractive evergreen has strong, distinctive, sweeping branches, and shiny green ½-1 inch long, flat needles. Grows well on most sites and is used for ornamentals, windbreaks, and Christmas trees.

Scotch Pine (*Pinus sylvestris*) Medium-size pine that can grow 50-80 ft. at maturity. Bluish green, medium length needles enhance its Christmas tree appeal. Also used for ornamentals, windbreaks, and lumber. Prefers well-drained, dry soils of lower fertility and full sun.



Order Deadline February 17, 2017!

Visit us on the web: meigsswcd.com

Thank you for your seedling purchase. Proceeds from our Annual Tree and Wildlife Packet sale are used to further our conservation and education efforts in Meigs County.

Specialty Tree and Shrub Packets



Native Edibles Packet

(2 each of the following species - 10 seedlings total - No Substitutions)

Persimmon (*Diospyros Virginiana*) This native, deciduous tree has a rounded oval crown that grows to 35-60 ft. tall. Fragrant, white to greenish-yellow flowers bloom in late spring, with the male flowers appearing in clusters and the female flowers appearing solitary. Edible fruits, typically 1-2 inches in diameter, mature in fall to an orange to reddish-purple color, and may persist on the tree into winter. Persimmon leaves can be used to make teas.



American Elderberry (*Sambucus Canadensis*) This deciduous shrub grows 5-12 ft. tall. Large, terminal, flat-topped clusters of small, fragrant, white flowers appear in the spring and are followed by clusters of dark purple to black, berry-like fruits in late summer to fall. This shrub attracts birds and butterflies.

Butternut (*Juglans Cinerea*) Mature tree height can be 40–60 ft. It forms a wide spreading crown with stiff upright branches producing large, alternate, pinnately compound leaves with numerous leaflets. Oblong, yellow-green, sticky husks contain an irregularly-ribbed nut containing sweet, oily meat. Prefers full sun and moist, fertile soil. Slow growing tree.



PawPaw (*Asimina Triloba*) this small tree can form small colonies under natural conditions. Grows to both a height and spread of 15-20 ft. Leaves turn from dark green in summer to yellow in fall. Flavor and fleshy consistency of the large, sweet-flavored, edible fruits resembles bananas and is consumed by a variety of animals. Easily grown in average, medium to wet, well-drained soil in full sun to part shade but prefers moist, fertile soil and full sun.

American Chestnut (*Castanea dentate*) A broadleaf species, leaves are 6-8 inches long. In autumn, large spiny burs produce 1-5 nuts. Minimum seed-bearing age is 4 years. Commonly found on hill slopes in gravelly or rocky, well-drained soils. Rapid growing trees that can reach 60-100 ft. at maturity. Trees typically grow very straight with few low branches making it an excellent timber species. These seedlings are secured from the West Virginia State Nursery and are considered pure American Chestnut. This cultivar has shown a resistance to chestnut blight but it is too soon to claim resistance.



(Continued on page 5)

(Continued from page 8)



Showy Northeast Native Wildflower & Grass Mix (1 oz. packet) A mix of native wildflowers and prairie grasses that will provide a wonderful display of color from spring through summer. This full sun/part shade mixture contains drought resistant species that attain an average height of 2-3 ft. Excellent for native meadows and wildflower patches. Covers 200 sq. ft. Mix contains (subject to change): Big Bluestem, Virginia Wildrye, Sideoats Grama, Indian grass, Partridge Pea, Black-eyed Susan, Ohio Spiderwort, Tall White Beardtongue, Marsh Blazing Star, Wild Senna, Oxeye Sunflower, Autumn Bentgrass, Zigzag Aster, Hairy Beardtongue, New England Aster, Butterfly milkweed, Wild Bergamot, Orange Coneflower, Maryland Senna, Blue False Indigo, and Early Goldenrod.



Bird & Butterfly Seed Mix (1 oz. packet) A blend of different annual and perennial wildflower varieties designed to attract both birds and butterflies. Covers 250 sq. ft. Mix contains (subject to change): Annual Gaillardia, Candytuft, Dwarf Cornflower, Dwarf Godetia, Dwarf Red Plains Coreopsis, Lemon Mint, Rocket Larkspur, Scarlet Sage, Siberian Wallflower, Black-eyed Susan, Blue Flax, California Poppy, Dwarf Red Coneflower, Gayfeather, Lance leaved Coreopsis, Perennial Gaillardia, Perennial Lupine, Prairie Coneflower, Purple Prairie Coneflower, Sweet Alyssum.



An excellent way to attract pollinators in your backyard!

“Bee” proactive for pollinators!

Create a pollinator-friendly garden habitat in just a few simple steps.

Design your garden so that there is a continuous succession of plants flowering from spring through fall. Check for the species or cultivars best suited to your area and gradually replace lawn grass with flower beds.

Plant native to your region using plants that provide nectar for adults plus food for insect larvae, such as milkweed for monarchs.

Select old-fashioned varieties of flowers whenever possible because breeding has caused some modern blooms to lose their fragrance and/or the nectar/pollen needed to attract and feed pollinators.

Install 'houses' for bats and native bees. For example, use wood blocks with holes or small open patches of mud. As little as 12 inches across is sufficient for some bees.

Urban Evergreen Packet

(2 each of the following species - 4 seedlings total - No Substitutions)


These slow growing species can be a wonderful addition to any lawn, urban or rural. They can be pruned and shaped into a beautiful specimen. **Please note: The seedlings in this packet only are three year old seedlings and will be 12-18".**

Colorado Blue Spruce (*Picea pungens* var. *glauca*) Description can be found on page 3.

Canadian Hemlock (*Tsuga canadensis*) Description can be found on page 3.

Fruits, Berries, and Mushrooms

Bing/Black Tartarian Cherry (2 trees - 1 of each species) The Bing cherry is one of the most popular and prolific varieties on the market! With a mature height of 35 ft. and spread of 25 ft., these seedlings need full sun and prefer well-drained, sandy soils. They produce large, heart-shaped fruit with a firm, meaty, purplish-red flesh and a semi-free stone. Another very popular variety of sweet cherry, the Black Tartarian produces large, purplish-black fruit with a sweet, rich, full-bodied flavor. Full sun is essential and these seedlings prefer sandy soil. Mature height and spread for this species is 30 ft. Plant these trees within 100 ft. of each other for required cross-pollination.

 Shiitake Mushroom (1 kit) Delicious mushrooms that have brown, slightly convex caps that range from about 2-4 inches in diameter. Kit contains 200 inoculated shiitake dowel plugs, 1/4lb. bees wax, wax dauber, 5 metal tags for labeling and an easy to follow growers guide. Each kit will plug approximately 10 logs 3 inches in diameter and 40 inches long. Logs not included.



Can be used as a component of Natural Resource Conservation Service (NRCS) Conservation Stewardship Program (CSP) Enhancement —Multi-story cropping, sustainable management of non-timber forest plants. Consult your local NRCS office for details.

Seed Mixes

Erosion Control Seed Mix (2 lb. bag) A blend of Birdsfoot Trefoil, Timothy, Tall Fescue, Annual Ryegrass, Alsike Clover, and Red Top. Excellent substitute for crownvetch. For severe erosion control measures. Covers 2000 sq. ft.

(Continued on page 9)



The Birds and The Bees Packet

(2 each of the following species - 10 seedlings total - No Substitutions)

This packet contains shrubs and trees that are not only good for nesting birds but also serve as excellent pollinators.

Eastern Redbud (*Cercis Canadensis*) This deciduous, often multi-trunked tree has a rounded crown and typically matures to 20-30 ft. tall. Noted for its stunning pea-like rose-purple flowers which bloom profusely in early spring. Flowers are followed by flattened leguminous bean-like dry seedpods that mature to brown in the summer. Does best in well-drained soils in full sun to part shade.

Red Osier Dogwood (*Cornus sericea*) Multi-stemmed shrub grows to 8 ft. Brilliant red colored twigs add to its four season appeal. Flowers are in 2 inch diameter white cymes that are borne in late May to early June. Leaves turn from dark green in summer to reddish-purple in fall. Adaptable to a variety of soil and climatic conditions.



Shadblow Service Berry (*Amelanchier Canadensis*) A deciduous, early-flowering, larg shrub or small tree which typically grows 15-30 ft. tall. Features showy, 5-petaled, slightly fragrant, white flowers in drooping clusters. Medium to dark green leaves change to orange-red in autumn. Edible berries resemble blueberries in size and color and are used in jams, jellies and pies.

American Hazelnut (*Corylus americana*) A medium size shrub with rounded heart shaped leaves. Edible brown nuts provide food for game birds, deer, and small mammals. Grows to 10-16 ft. tall. Requires sun and moist soils. Tolerates high pH soils.

Sourwood (*Oxydendrum arboreum*) This small, native tree has a mature height of 25-30 ft. Small, creamy-white, urn-shaped, fragrant flowers are borne in 4-10 inches long panicles in June to early July. The rich, iridescent green leaves turn vibrant yellow, purple, and red in fall. The sourwood grows in acidic, loamy, moist, sandy, well-drained and clay soils. Prefers full sun and normal moisture but has some drought tolerance. Excellent native ornamental tree with four season attributes. Late season bloom.



Tree/shrub species in these packets or seed mixes can be used as a component of Natural Resource Conservation Service (NRCS) Conservation Stewardship Program (CSP) — enhancement for establishment of pollinator and/or beneficial insect habitat. Consult your local NRCS office for details.

ORDER FORM

Tree	Trees per Packet	# Packets	\$/Packet	Total \$
Black Cherry	25		\$17.00	
Black Walnut	25		\$17.00	
Northern Red Oak	25		\$17.00	
Sugar Maple	25		\$17.00	
White Oak	25		\$17.00	
Bald Cypress	25		\$15.00	
Canadian Hemlock	25		\$15.00	
Colorado Blue Spruce	25		\$17.00	
Eastern White Pine	25		\$15.00	
Norway Spruce	25		\$15.00	
Scotch Pine	25		\$15.00	
Native Edibles Packet	10		\$15.00	
Urban Evergreen Packet	4		\$15.00	
The Birds and The Bees Packet	10		\$15.00	
Bing/Black Tartarian Cherry	2		18.00	
Shiitake Mushrooms	1kit		\$25.00	
Erosion Control Seed Mix	2 lbs		\$15.00	
Wildflower and Grass Mix	1 oz		\$6.00	
Bird & Butterfly Seed Mix	1 oz		\$5.00	
Wildlife Food Plot Seed Mix	25 lbs		\$40.00	
English Ivy	100/tray		\$27.00	
Pachysandra	100/tray		\$27.00	
Bat House	each		\$18.00	
Eastern Bluebird Box	each		\$18.00	
Tree Marking Flags	each		\$.10	
Plantskydd-ready to use spray	1 quart		\$22.00	
Plantskydd-soluble powder	2.2 lbs		\$39.00	

Total

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

Make checks payable to:
Megis SWCD

