



# Athens Soil and Water Conservation District

## 2019 Tree and Wildlife Packet Sale

### How to Order

Orders will be taken until **Wednesday, February 20, 2019**. Tentative order distribution date is the first Friday in April. A postcard or email will be sent to confirm exact pick up date, location, and times. 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:

**Athens SWCD 69 S. Plains Road The Plains, Ohio 45780.**

You may also place orders by stopping in our office from 8:00 a.m. to 5:00 p.m., Monday through Thursday and 8:00 a.m. to 4:30 p.m. on Friday. Orders can be paid with cash or check only. If you have any questions, please call 740-797-9686 or 800-582-8890. For additional details or order forms visit [athensswcd.org](http://athensswcd.org).

### Seedling Descriptions

#### 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*) A rapidly growing tree common in all of Ohio, is most common in moist bottomlands and open fields, but is found everywhere due to squirrels burying its nuts. It has dark green compound leaves and produces delicious nuts that are preferred by wildlife. It is valued for timber, veneer, and furniture. Grows well in most locations, but prefers fertile, deep soils. Mature height and spread is 70 ft. Prefers full to part sun.

**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. Yields acorns that are round and  $\frac{3}{4}$ -1 inch long with a flat, thick, saucer-like cap. Acorns from this tree are at the top of the food preference list for blue jays, wild turkeys, squirrels, small rodents, whitetail deer, raccoons and black bears. Deer also browse the buds and twigs in wintertime.

**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, broadleaf 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. Yields acorns that are up to 1 inch long with a warty cap that covers about  $\frac{1}{4}$  of the nut. The acorns are one of the best sources of food for wildlife and are gathered, hoarded and eaten by birds, hoofed browsers, and rodents. Leaf buds also are eaten by several bird species and all parts of the tree are a favorite food for deer.

#### 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.

**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  $\frac{1}{2}$ -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.

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

## Specialty Tree and Shrub Packets

### Hard Mast Packet

(4 each of the following species - 20 seedlings total - No Substitutions)

**American Chestnut** (*Castanea dentata*) 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. 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.

**Hazelnut** (*Corylus americana*) This nut-producing shrub grows to a height of 15-18 ft. and a spread of 10-12 ft. at maturity with a medium to fast growth rate. It takes on a multi-stemmed form with an open, often wide-spreading base. Full sun and partial shade are best for this shrub - a minimum of 4 hours of direct, unfiltered sunlight each day. The hazelnut grows in acidic, alkaline, loamy, moist, rich, sandy, well drained, and clay soils and is drought-tolerant. Should be planted in multiples (2 or 3) to ensure cross-pollination. Nuts are preferred by squirrels, deer, turkey, woodpeckers, pheasants, grouse, quail, and jays.

**Northern Red Oak** (*Quercus rubra*) See page 1 for description.

**Shellbark Hickory** (*Carya laciniosa*) This slow growing, long living tree grows to a mature height of 60-80 ft. and spread of 40 ft. and does best in full sun locations. It grows in acidic, alkaline, loamy, moist, rich, sandy, wet, and clay soils and is drought-tolerant. More than one seedling should be planted for best results. Shellbark leaves are eaten by deer and other browsers while the nuts are consumed by deer, bears, foxes, rabbits, squirrels, chipmunks, wild turkey, and other animals. It also provides nutrition for bees in early to late spring. This species played a role in forging our nation as its tough, shock-resistant wood was used to make gunstocks, ramrods, and tool handles while it also provided food and dozens of useful products and medicines.

**White Oak** (*Quercus alba*) See page 1 for description.

### Pollinator Packet

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

These species will benefit many of our native pollinators by providing early season to mid season blooms.

**American Plum** (*Prunus americana*) Its white, pungently sweet blossoms emerge in early spring before the foliage breaks bud. It is very adaptable to a wide variety of environmental conditions and needs full sun. Can reach a mature height of 20 ft. and mature spread of 25 ft.

**Common Hackberry** (*Celtis occidentalis*) This medium, native tree has a mature height and spread of 40-60 ft. Green flowers adorn this species April – May, attracting birds and butterflies. It prefers full sun to part shade and is best grown in moist, organically rich, well-drained soils but will tolerate wet, dry, and poor soils. Fruits from this tree are attractive to a variety of wildlife.

**Elderberry** (*Sambucus canadensis*) This deciduous shrub reaches a mature height and spread of 5-12 ft. and has white blooms from June to July. It grows in medium to wet, well-drained soils in full sun to part shade. It tolerates a wide range of soils, but prefers moist, humusy ones. Elderberry spreads by root suckers to form colonies. Fruits are attractive to wildlife and are sometimes used to make jams, jellies, pie fillings, and wine. Attracts birds and butterflies.

**Shadblow Serviceberry** (*Amelanchier canadensis*) This early flowering tree has showy white blooms in April through May. At maturity it has a height of 25-30 ft. and spread of 15-20 ft. It prefers full sun to part shade and is easily grown in average, medium, well-drained soil. Blooming in late spring or early summer, this flowering shrub/tree provides a site for early pollinating insects. It is also used as a food source by songbirds, squirrels, bears, and other woodland wildlife.

**Silky Dogwood** (*Cornus amomum*) This medium-sized deciduous shrub is typically found in moist lowland areas, swamp borders, floodplains, shrub wetlands, and along streams and ponds in Eastern North America. Twigs and leaf undersides have silky hairs, hence the common name. Its showy yellowish white blossoms in spring make this species very easy to spot. With a mature height and spread of 6-12 ft., they grow best in average, medium to wet, well-drained soils in full sun to part shade. Prefers moist, organically rich, slightly acidic soils in part shade. Tolerates close to full shade.

## Fruits and Mushrooms

**Dwarf Belle of Georgia Peach** (2 trees) The

Belle of Georgia peach is an old-time favorite that produces brilliant red flowers each spring and large fruit in late August. The peaches are very firm and highly flavored, with creamy white freestone flesh tinged with red. While excellent for fresh eating, the fruit is widely used for desserts and canning. This fast growing, dwarf variety grows to a mature height of 8-10 ft. Full sun is ideal and grows best in sandy, well-drained soils. It is not drought-tolerant. It is self-fertile but should be planted in multiples.



**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, 1/4 lb. 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.

## Seed Mixes

**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. An excellent choice for the conservation-minded landowner who wants to attract wildlife. Covers ½ acre.

**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.

**Showy Northeast Native Wildflower & Grass Seed 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.

### Pollinator Seed Mixes



Created by Pheasants Forever, these seed mixes have been designed by wildlife professionals to provide diverse high-quality long-lasting wildlife habitat, meet Ohio Department of Agriculture standards and exceed NRCS conservation standards. Both of these seed mixes meet criteria set forth by Natural Resources Conservation Service (NRCS) for Conservation Stewardship Program (CSP) practice - Establishment of pollinator and/or beneficial insect habitat. In addition they also meet criteria set forth by Farm Service Agency (FSA) for Conservation Reserve Program (CRP) practice CP42 - Pollinator Habitat. If you are purchasing seed for either of these programs, please be sure to follow all Standards and Specifications as directed from NRCS and/or FSA. **Seed sold in 1/2 acre increments.** Quantity listed is pure live seed (PLS).

**Ohio Pollinator Seed Mix** (1.46 lbs.) - Little Bluestem, Prairie Junegrass, Sideoats Grama, Switchgrass, Frost Aster, New England Aster, Smooth Blue Aster, Foxglove Beardtongue, Hairy Beardtongue, Wild Bergamot, Alsike Clover, Crimson Clover, Ladino Clover, Grayheaded Coneflower, Prairie Coneflower, Purple Coneflower, Lanceleaf Coreopsis, Culver's Root, Grass-leaved Goldenrod, Stiff Goldenrod, Illinois Bundleflower, Common Milkweed, Swamp Milkweed, Partridge Pea, False Sunflower, Black-eyed Susan, Brown-eyed Susan, Wingstem.

**Ohio Pollinator (NO GRASSES) Seed Mix** (1.19 lbs.) - Frost Aster, New England Aster, Smooth Blue Aster, Foxglove Beardtongue, Hairy Beardtongue, Wild Bergamot, Alsike Clover, Crimson Clover, Ladino Clover, Grayheaded Coneflower, Prairie Coneflower, Purple Coneflower, Lanceleaf Coreopsis, Culver's Root, Grass-leaved Goldenrod, Stiff Goldenrod, Illinois Bundleflower, Common Milkweed, Swamp Milkweed, Partridge Pea, False Sunflower, Black-eyed Susan, Brown-eyed Susan, Wingstem.

### Groundcover

This year only native groundcover options are offered.

**Wild Ginger** (*Asarum canadensis*) This native spring wildflower is usually grown in woodland gardens, native plant gardens, or used as edging in landscapes. Easily grown in a variety of soil types in part shade to full shade. Spreads slowly by rhizomes. Height is 4-8 inches at maturity. Plant 8-12 inches apart. 25 bulbs per packet.

**Partridge Berry** (*Mitchella reptans*) A mat-forming, evergreen groundcover that displays interesting foliage, flowers, and fruit. Tolerates heavy shade and dry conditions. Height is 2 inches at maturity. Plant 8-12 inches apart. 25 bulbs per packet.

**Wild Columbine** (*Aquilegia canadensis*) With a mature height of 2-3 ft, this native wildflower has a light pink/yellow to blood red/yellow flower that blooms April to May. It tolerates a wide range of soil conditions as long as drainage is good. Can be planted in full sun to part shade. Freely self-seeds and will naturalize to form large colonies in optimum growing conditions.

### 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).

### Tips for Success—Tree Planting Workshop

Join our professional resource staff for an evening workshop on site specific tree selection, site preparation, seedling care, planting, and critical first year care! Prosperous seedling plantings are important to us and we would like to give you the tips to help make your planting as successful as possible. Cost for the evening is \$10 but at the conclusion of the night you will receive a tree sale voucher for \$10! This workshop will be held on Thursday, February 19, 2019 at 6pm at the Athens SWCD office, 69 South Plains Road, The Plains. (Location subject to change if registration numbers are significant.) Light refreshments will be available. **Registration is required by February 13th.**

**2019 Tree pick up will be Friday only -  
No Saturday pick up will be offered.  
ALL orders need to be picked up this day.  
Please plan accordingly.**

## ORDER FORM

Tree	Trees per Packet	# Packets	\$/Packet	Total \$
Black Cherry	25		\$20.00	
Black Walnut	25		\$20.00	
Northern Red Oak	25		\$20.00	
Sugar Maple	25		\$30.00	
White Oak	25		\$20.00	
Bald Cypress	25		\$18.00	
Colorado Blue Spruce	25		\$20.00	
Eastern White Pine	25		\$18.00	
Norway Spruce	25		\$18.00	
Scotch Pine	25		\$18.00	
Hard Mast Packet	20		\$25.00	
Pollinator Packet	10		\$15.00	
Dwarf Belle of Georgia Peach	2		\$25.00	
Shiitake Mushrooms	1 kit		\$27.00	
Wildlife Food Plot Seed Mix	25 lbs		\$50.00	
Erosion Control Seed Mix	2 lbs		\$15.00	
Wildflower and Grass Seed Mix	1 oz		\$6.00	
Ohio Pollinator Seed Mix	1.46 lbs PLS		\$82.00	
Ohio Pollinator (NO GRASSES) Seed Mix	1.19 lbs PLS		\$78.00	
Wild Ginger	25 per packet		\$25.00	
Partridge Berry	25 per packet		\$25.00	
Wild Columbine	25 per packet		\$25.00	
Bat House	Each		\$18.00	
Eastern Bluebird Box	each		\$18.00	
Tree Marking Flags	each		\$0.10	
Plantskydd-ready to use spray	1 quart		\$22.00	
Plantskydd-soluble powder	2.2 lbs		\$49.00	
Tree Planting Workshop ( <b>REG. DEADLINE 2/13/19</b> )	per participant		\$10.00	

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

**Total**

**Order deadline is  
February 20, 2019.**  
~Cash or Check Only~  
*Make checks payable to:*  
**Athens SWCD**

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ALL orders need to be picked up this day. Please plan accordingly.