



# Washington Soil and Water Conservation District

## 2024 Tree and Wildlife Packet Sale

### How to Order

Orders will be taken until **Thursday, February 15, 2024**. Tentative distribution date is planned for March 22, 2024. You will receive a phone call from the Washington SWCD 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: **Washington SWCD 21330 St. Rt. 676 Ste. E Marietta, Ohio 45750**

You may also place orders by stopping in our office from 8:00 a.m. to 4:30 p.m. Monday through Friday. Orders can be paid with cash or check only. If you have any questions, please call 740-885-3318. For additional details or order forms visit [washingtoncountyswcd.com](http://washingtoncountyswcd.com). *The Washington Soil and Water Conservation District reserves the right to substitute species in the Specialty Tree Packets, Erosion Control Seed Mix and Wildlife Food Plot Seed Mix based upon availability.*

### 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 frequently in moist bottomlands and open fields, but 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 rustic 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, 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 semi-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. 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.

**Eastern Redcedar** (*Juniperus virginiana*) Actually a type of Juniper, this medium growing species makes an excellent windbreak while its aromatic heartwood is prized for making cedar chests, closet wood lining, cedar shavings, small carvings, pencils, and non-rotting fence posts. Reaching a mature height of 30 ft. and spread of 15 ft., it tolerates just about any type of soil and does well in full sun to partial sun conditions. Eastern Redcedar should not be planted near apple trees due to cedar-apple rust.

**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.

**Virginia Pine** (*Pinus virginia*) A small to medium sized tree reaching up to 70 ft. in height. It grows best in sites with full sun, well-drained soil, and sandy acidic loam. It has a slow growth rate and is moderately pollution tolerant for a pine. It will grow in poor, dry soils, including clay soils. The seeds are a food source for many birds and it is resistant to damage by deer.

**SEEDLING SIZE:** Tree and shrub seedlings are typically between 6 and 18 inches tall, depending on the species.

## Specialty Tree and Shrub Packets Wildlife Packet

(4 each of the following species - 24 seedlings total - No Substitutions)

**Chinkapin Oak** (*Quercus muehlenbergii*) This medium growing deciduous tree can reach a mature height of 40-60 ft and a spread of 50-70 ft. It prefers full sun and adapts to a wide range of soil conditions. It is tolerant of alkaline soils and needs a pH >7. Acorns that are 1/2-1" in size are produced annually that attract birds and mammals. It is relatively pest free including resistance to oak wilt.

**American 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, humus soil. 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.

**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.

**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, or 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. Hazelnuts can be eaten fresh or roasted as well as used in both sweet and savory dishes.

**Persimmon** (*Diospyros virginiana*) The persimmon is quite adaptable to a variety of soil, moisture, and polluted conditions. It prefers moist, well-drained, average soils of various pH's, but easily adapts to poor, rocky, clay, sandy, or even organic soils of dry or moist constitution. It will not tolerate wet sites and needs full sun to partial sun. A slow to medium growing tree, it can reach a mature height of 50 ft. and spread of 30 ft. Persimmon is primarily a dioecious species, having male and female flowers on separate trees. This tree produces a yellow flower in late spring and early summer. Persimmons are often pureed or baked into goods, but they're also delicious raw.

**Shagbark Hickory** (*Carya ovata*) This medium growing tree can reach mature heights of 100 ft. and mature spreads of 40 ft. It is frequently found in dry uplands or moist valleys. Its cut timber is prized for making tool handles, athletic equipment, furniture, construction timbers, and firewood. It is also sought after for smoking meats, especially pork. It produces sweet and large nuts relished by squirrels and other wildlife.

## Hardwood Packet

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

**Black Cherry** (*Prunus serotina*) See page 1 for description.

**Black Walnut** (*Juglans nigra*) See page 1 for description.

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

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

**Tulip (Yellow) Poplar** (*Liriodendron tulipifera*) A fast-growing tree, at maturity this species can reach a height of 80 ft. with a spread of 40 ft. Flowering in late May/early June, it has the largest solitary flower of any native tree in Ohio. It is characterized by six petals that are yellow-green on the outside, and orange-yellow on the inside. It grows in full sun to partial sun and prefers moist but well-drained, slightly acidic, deep, rich soil but can adapt to other soil conditions. Early/mid season bloom.

## Fruits and Mushrooms

**Dwarf Grimes Golden Apple** (2 trees) Grimes Golden apple has a unique history and a distinct depth of flavor - sweet with a little bit of spice. It is great for eating fresh, canning, freezing and drying. Also great for making applesauce and apple butter. They fruit around September. Dwarf Grimes Golden apple trees are considered self pollinating. These dwarf varieties will ultimately have a height and spread of about 10 ft. They grow best in well-drained, loamy soils and full sun. Soil pH in the 6.0 to 7.0 range is ideal for apple trees.

**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 with Whitetail 365!** (25 lb. bag) This "throw & go" mix can be planted anytime from early spring through late fall. The combination of oats, rye, and 2 varieties of peas ensures that something is always growing and providing forage for deer year-round. Covers 1/2 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. For specific details of species included in this seed mix visit our website [washingtoncountyswcd.com](http://washingtoncountyswcd.com)

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

## **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 the Conservation Stewardship Program (CSP). 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, be sure to follow all standards and specifications as directed from NRCS and/or FSA. Please note that steeper slopes may require a grass component, please refer to your District Conservationist to ensure the desired mix meets any slope requirements. **Seed sold in 1/2 acre increments.** Quantity listed is pure live seed (PLS).

**Ohio Pollinator Seed Mix** - Species details are posted on our website [washingtonswcd.org](http://washingtonswcd.org).

**Ohio Pollinator (NO GRASSES) Seed Mix** - Species details are posted on our website [washingtonswcd.org](http://washingtonswcd.org).

## **Native Groundcover**

**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 starts 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 starts per packet.

**Wild Geranium** (*Geranium maculatum*) This species is recognized by pollination ecologists as attracting large numbers of native bees! Noted as a semi-evergreen, the plant grows 1-2 ft. high and produces flowers 1-1.5 inches across. This plant does well under a variety of growing conditions and prefers part to full shade. Plant 8-12 inches apart. 25 starts per packet.

## **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, and 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).

## **Weed Wand Magic**

The perfect accessory for fighting invasive species - no spray, no drift, no waste! Ideal for quick, easy and targeted spot application of herbicide directly on weeds or stumps! Its lightweight design prevents the need to bend over - simply push down on the tube to precisely apply the desired amount of herbicide. Each wand also comes with a three pack of replacement tips.

## **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: the Washington SWCD and Washington County Extension Office.

## 2024 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		\$20.00	
Eastern Redcedar	25		\$20.00	
Eastern White Pine	25		\$20.00	
Norway Spruce	25		\$20.00	
Virginia Pine	25		\$20.00	
Wildlife Packet	24		\$25.00	
Hardwood Packet	20		\$20.00	
Dwarf Grimes Golden Apple	2		\$33.00	
Shiitake Mushrooms	1 kit		\$28.00	
Whitetail 365 Food Plot Seed Mix	25 lbs		\$57.50	
Erosion Control Seed Mix	2 lbs		\$17.00	
Wildflower and Grass Seed Mix	1 oz		\$6.00	
Ohio Pollinator Seed Mix	1/2 acre		\$113.50	
Ohio Pollinator (NO GRASSES) Seed Mix	1/2 acre		\$102.00	
Wild Ginger	25 per packet		\$25.00	
Partridge Berry	25 per packet		\$25.00	
Wild Geranium	25 per packet		\$25.00	
Bat House	Each		\$30.00	
Eastern Bluebird Box	Each		\$30.00	
Tree Marking Flags	25 per packet		\$2.75	
Plantskydd-ready to use spray	1 quart		\$22.00	
Plantskydd-soluble powder	2.2 lbs.		\$49.00	
Weed Wand Magic with 3 replacement tips	Each		\$28.00	

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

<b>Sub Total</b>
<b>7.25% Tax =</b>
<b>Total</b>

**Order deadline is February 15, 2024.**  
~Cash or Check Only~

**Seedlings should be planted within 5 days after pick-up and then watered regularly.**  
Customers will be notified about pick-up date via phone call once the date is confirmed.

*Make checks payable to:*  
**Washington SWCD**