



# CONSERVATION TIMES

Franklin County Conservation District

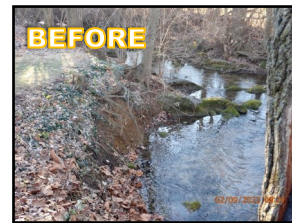
## Stream Restoration Project Completed - Paddy Run

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In October 2021, FCCD began working with the Western Pennsylvania Conservancy (WPC), PA Fish and Boat Commission (PFBC), and multiple landowners to restore a 1,300-foot section of the headwaters of Paddy Run in Greencastle. This past summer, in July, this project finally came to fruition after over 30 fish habitat and stream bank stabilization structures were installed in the stream. These structures will ultimately rebuild and restore the natural stream bank and stream channel by preventing further loss of land due to erosion and creating habitat and cover for fish to reproduce, feed, and hide, among many other benefits. In October 2022, the project came to a close after multiple trees were planted along the stream to further protect the stream banks and provide shade to the

stream. For more information on the Paddy Run Stream Restoration, check out our project spotlight at <https://franklinccd.org/programs/watershed-program/>.



February 2022 – Before installation of a modified mudsill by PFBC



August 2022 – After installation of a modified mudsill. This structure will trap sediment and be covered by vegetation and rebuild the natural stream bank while protecting the bank at the same time.

## Agricultural Conservation Programs Update



Recently completed stack pad

The CEG (Conservation Excellence Grant) program is finishing up its second year of implementation and has provided numerous good quality projects for the agricultural community and the waters of Franklin County. The program has funded 12 contracts over the last two years for a total of \$1.26 million dollars of cost share for county farmers.



Recently completed animal heavy use area and stack pad

We are busy working on contracting another \$400,000 we received in 2022 and are also looking forward to the next round of funding slated for July 2023. The majority of the funding has been used for roofed manure stack pads and roofed animal heavy use areas for heifers and beef cows, but we have also funded liquid manure storages, animal trails/fencing,

pasture watering systems as well as streamside grass buffers.

We accept applications on a continual basis. Having an engineer on staff enables us to make site visits and assess the needs of the farm as applications are received. CEG allows farmers to pick and choose what projects they would like to do. The program does not require a farmer to address all of the environmental concerns on the farm at one time. The current cost share rate is 90%, and the maximum cost share is \$250,000 per contract.

If you have a particular conservation project in mind, please call us at 717-264-5499 for information about the program and to set up a site visit on your farm.

### ACAP: New Ag Funding Program Coming in 2023!

We will also be implementing a new program called the **Agricultural Conservation Assistance Program (ACAP)** in 2023. This new program was approved in the latest state budget and is funded by the new Pennsylvania Clean Streams Fund. Franklin County will be receiving nearly \$2 million dollars each year for the next 3 years to implement conservation projects on farms. The program will be very similar to the CEG program with a few exceptions. ACAP will require *all* animal concentration areas to be treated on a farm, and it will most likely have a higher maximum grant, although the maximum grant amount has not been decided at the time of this writing. We will also be accepting applications for this program on a continual basis and making site visits to farms as soon as possible. We do not have complete information on this program yet as the details are still being ironed out at the state level, but we will advertise the program on our website as soon as we can begin taking applications. **If interested in being considered, please call us: 717-264-5499!**



Follow us!

<https://facebook.com/FranklinCCD>

## 2022 FCCD Farmer of the Year

Franklin County Conservation District received a PACD mini-grant to hold a Summer Conservation Farm Tour on August 9, 2022, at the Lurgan Lions Club near Roxbury. The District took this opportunity to honor the 2022 Conservation Farmer of the Year: Bryan and Tina Kyle of Orrstown.

Approximately 55 attendees visited the Kyle's beef farm and saw firsthand the benefits of no-till cropping and various BMP improvements that have been implemented. They also learned how BMPs can reduce nonpoint source pollution. After touring the Kyle's farm, guests returned to the Lurgan Lions Club where they were able to view the recently-completed stream restoration project at the Lurgan Lions Club.

For more information about the Franklin County Conservation District or this event, visit [www.franklinccd.org](http://www.franklinccd.org) or call 717-264-5499.



*Caption: FCCD Chairman Evan Burkholder (left) presents the annual Franklin County Conservation Farmer of the Year award to Bryan and Tina Kyle.*



*Bryan shares the benefits of conservation practices.*



*ABOVE: Before and After photos of the stream restoration project at Lurgan Lions Club. Farm Tour attendees enjoyed viewing the benefits of the improvements.*

## PACD Award for Scott Metzger

The Franklin County Conservation District is proud to announce that Scott Metzger, FCCD Agricultural Resource Specialist/Assistant Manager, received the Conservation District Employee Excellence Award from the Pennsylvania Association of Conservation Districts (PACD).

This award is given to a conservation district employee for their outstanding efforts that have furthered the activities and accomplishments of conservation districts on a statewide basis.

Scott Metzger has been with the Franklin County Conservation District for 25 years. He is the Ag Resource Technician/Dirt Gravel and Low Volume Road Technician/Assistant Manager. In addition to his day-to-day

duties, Scott is involved in several regional and statewide initiatives.

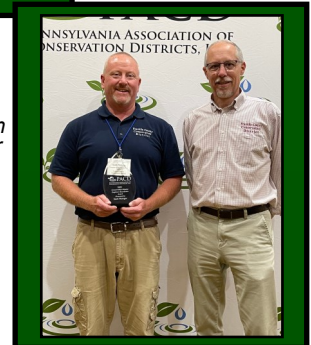
Over the last 25 years, Scott has been instrumental in overseeing over \$6 million in cost-share funds for ag Best Management Practices (BMPs) implementation on Franklin County's landscape. This number equates to a large reduction of nutrients ultimately reaching the Chesapeake Bay.

Scott's understanding of the technical side as well as the nutrient management side of his position has afforded him a great rapport among Franklin County's farmers. He is known for taking the time to design a system specific to the individual operation and management style of the farmer while still meeting the required standards and specs.



*LEFT: Left to Right: PACD President Kelly Stagen, FCCD Ag Resource Specialist Scott Metzger, PACD North Central Region Director Dr. Robert Shannon*

*RIGHT: Left to Right: FCCD Ag Resource Specialist Scott Metzger is pictured with FCCD District Manager Dave Stoner following the PACD annual conference awards ceremony. Metzger received the Pennsylvania Conservation District Employee Excellence Award.*



## FCCD Hires Additional Ag Technician



*Jonathon Ott*

The Franklin County Conservation District is pleased to announce the hiring of Jonathon Ott as a new Ag Conservation Technician. Growing up in Antrim Township, he worked on a local dairy farm while attending school and college. Upon graduation from Wilson College with a degree in Environmental Studies, he worked first for Mt. Parnell Fisheries and later for the Fulton County Conservation District in McConnellsburg. Jonathon was most recently (since 2009) employed by Nutrien Ag Solutions (formerly Four Seasons Crop Care, LLC) in Shippensburg, PA

as a field sales representative in both agriculture and turf grass.

Jonathon enjoys spending time with his wife and two daughters, being outdoors, traveling, gardening and fishing.

Jonathon may be reached at the Franklin County Conservation District at 717-264-5499 or by email at [jott@franklinccd.org](mailto:jott@franklinccd.org).

# Erosion & Sediment Control

Intense rainstorms create a rather difficult task for developers who are required to ensure all aspects of the Erosion and Sediment Pollution Control (ESPC) and Post Construction Stormwater Management (PCSM) plans are implemented and maintained at the highest level. Even one small neglect, such as inadequate inlet protection (Photo #1) or a gap in a perimeter silt fence, may lead to a large discharge event as seen here.

All developers are expected to take initiative and implement an effective ESPC and PCSM plan as part of their



normal operating procedure. However, should it be determined that the plans are not being properly implemented, the District will perform more frequent and vigorous site inspections to ensure the site is kept in compliance.

Our Chapter 102 Erosion and Sediment Control technicians are always available for consultation and training. They can be reached at 717-264-5499.

# FCCD Engineer

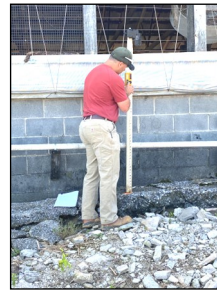
The CAP (Countywide Action Plan) Grant program has funded four projects this past year. Of those four projects our District Engineer completed the design for three.

The projects include covered animal heavy use areas, covered stack pads, liquid manure storage tanks, and fencing. The CAP Projects have a current cost share of 90% and a maximum cost share of \$250,000. This is very similar to the CEG Grant for which the District Engineer completed several designs.

Through the use of both grants, the District has maximized the amount of projects that could be completed in one

year and has worked hard to see each project to completion by program deadlines.

Throughout the year, the District Engineer also worked with the Chapter 102 E&S Technicians performing Post Construction Stormwater Management Reviews (PCSM), specifically addressing any questions and concerns regarding stormwater issues resulting from construction and development projects.



## Various Projects Completed in 2022



*Above: Runoff from the barnyard. Manure was leaking through the jersey walls and had formed a small pond that would overflow and run through the field.*

## Streamside Grass Buffer Program

Touted as the first of its kind in Pennsylvania, the Streamside Grass Buffer Program (SGBP), developed by the Franklin County Conservation District, is a unique opportunity for protecting streams while keeping farmland in production. In a nutshell, SGBP participants agree to plant a grass/legume buffer (at a given width based on field slope and equipment needs) along the stream on their property.



*A corn field planted next to a stream.*

Using funds from the Conservation Excellence Grant (CEG), the farmer is paid \$500/buffer acre/year for agreeing to keep the buffer for ten years. The buffer must be harvested 1-2 times per year, so farmers are able to utilize the grass as a feed source. It is a 'win-win' situation since the land stays in production while the buffer acres count toward nitrogen & phosphorus reduction credits in the goal of cleaning up the Chesapeake Bay.



*A 35-foot grass buffer designed to trap nutrients and sediment.*

**Want to learn more about the Streamside Grass Buffer Program?**

*Call our office: 717-264-5499*



*Pasture fencing along the stream*

## Franklin County Solar Continues to Expand

As of December 1, 2022, Franklin County has 1,914 acres covered with solar panels and another ~2,000 additional acres proposed.

With several newer facilities under construction recently, there has been an increase in the number of concerns expressed from Franklin County residents about potential environmental and/or wildlife impacts from solar facilities. As part of the mandated project review and approval process, FCCD, in conjunction with the Pennsylvania Department of Environmental Protection (PA DEP), work to insure the project plans meet the environmental standards required for construction activities.

FCCD Chapter 102 staff perform routine reviews of the entire construction site (related to earth disturbance), paying close attention to any sensitive resources. These sensitive resources include, but are not limited to, habitat of a threatened/endangered species, surface waters (including wetlands), and areas with historical significance.

Through frequent and thorough site inspections, the FCCD strives to make sure all aspects of the plan are being fully implemented. However, if a violation occurs, the District works with all responsible parties to see that it is immediately corrected.

## How Much is Your Manure Worth?

As growers and operators plan for the upcoming growing season with elevated commercial fertilizer prices, it's important to revisit the value of manure, whether generated on farm or imported from another operation. Historically, when commercial fertilizers were "cheap", when a load of 28-0-0-2 nitrogen from Baltimore was \$165/ton delivered in 2020, the thought of nutrient balance wasn't as important to some operators. Fast forward to today, that same load is currently \$535/ton.

Getting back to the original question, the answer is not black and white. Many variables exist, such as nutrient form, nitrogen availability, organic matter and microbes. For now, we'll look at total macro nutrient value in dollars per unit. A typical nutrient value for liquid dairy manure is 28-13-25 (percentage of nitrogen-phosphorus-potassium per 1000 gallons of manure).

Current (approximate) commercial retail prices of each nutrient are: nitrogen-\$0.95/unit, phosphorus-\$1.00/unit and potassium-\$0.63/unit. So, for each 1000 gallons of manure, the total dollar value equivalent to commercial fertilizer is \$55. A typical liquid dairy manure application rate is 6000 gallons per acre, so the total

equivalent fertilizer value would be \$330 for that acre per application.

It would appear that the price of commercial fertilizer will remain elevated for the short and long term. World events, supply disruptions and a whole host of other factors contribute to its pricing. For those operations that produce animal manure or have access to it, it is a nutrient source in continuous supply. Utilizing manure correctly with proper manure management practices can help improve your bottom line.

However, it is not as simple as replacing the nutrient value of commercial fertilizer equally with the nutrient value of manure. There are nitrogen availability factors that need to be considered.

Staff from the Conservation District are available to assist growers and operators with the calculations needed to determine manure application rates. Please call the District to discuss nutrient balances and manure utilization for your operation.



## Spotted Lanternfly Outreach

As Spotted Lanternfly (SLF) populations continue to soar in Franklin County, we continue to work to stop the spread of this invasive insect and to eliminate existing populations. This summer, FCCD Watershed Specialist met with the PA Department of Agriculture (PDA) to learn how to deploy circle traps for SLF control. Capitalizing on the SLFs' tendency to migrate upwards, these traps wrap around infested trees and capture these insects in the bag at the top.

In addition to deploying two traps in the Franklin County EcoPark, FCCD deployed nine additional traps throughout the County at a few local schools, churches, and businesses while educating our local communities about the environmental and economic impacts of this invasive pest.



FCCD Watershed Specialist Emily Hartley with PDA after deploying the first trap in the Franklin County EcoPark.

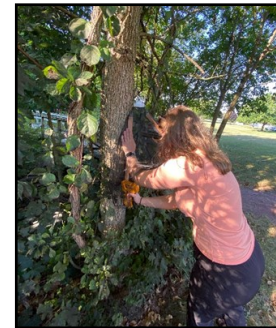
Spotted lanternfly eggs will begin hatching in early spring, so be sure to keep an eye out for any egg masses on trees and other surfaces in the coming months and remove them as soon as possible.



Just a few minutes after being deployed, a SLF made its way into the trap and began climbing towards the bag.



Watershed Specialist explaining how to deploy SLF circle traps to a group of students at Wilson College. The students plan to deploy and monitor the traps to collect data on SLF populations.



Watershed Specialist deploying a trap at a local school.

## Live Stake Nursery at Local School



Watershed Specialist carrying buckets of mulch to planting sites as students and volunteers plant their trees.

In November, conservation dreams came true for the administration, faculty, staff, and students of the Montessori Academy of Chambersburg after planting a live stake nursery to expand the school's existing rain garden. Hosted and funded by Penn State Extension, FCCD Watershed Specialist connected the Montessori Academy with Penn State Extension resources and helped facilitate the planting event.

school will be able to harvest and plant live stakes from these trees and shrubs, and they also plan to distribute them to the local community to continue conservation work in Franklin County.

In total, 60 trees and shrubs were planted by students of all ages, from 1- to 14-year-olds, with the help of nearly two dozen volunteers. Students not only learned how to plant a tree, but also learned the importance of trees and their role in providing clean water. In a few short years, the



4<sup>th</sup> – 8<sup>th</sup> grade students learning how to plant trees so they could demonstrate to the next group of younger students.



Left: Our Watershed Specialist shoveling mulch to prepare for the next group of kids as a student helps move mulch into the wheelbarrow



Volunteer group: (FCCD Watershed Specialist, Penn State Extension, DCNR, and parents, friends, and families of Montessori Academy Students)

## MSWA Stream Days - 3rd Grade Field Trip

The Middle Spring Watershed Association hosted their annual 3<sup>rd</sup> grade field trip at Shippensburg University this past September. Third grade students from Shippensburg Area School District spent the day rotating between 11 different stations learning about fishing, macroinvertebrates, water safety, food webs, stream formation, and more. Stations were led by university students and other local partners,

including PA Fish and Boat Commission, Cumberland Valley Trout Unlimited, and the Franklin and Cumberland County Conservation Districts. The event was well-liked by teachers, students, and station leaders alike, and we commend the Middle Spring Watershed Association for all their hard work in organizing this impactful event.

*Shippensburg University student leading FCCD's stream formation demonstration.*



## Keystone 10 Million Trees - 5 Millionth Tree Planted

In October, FCCD Watershed Specialist and FCCD Clean Water Coordinator attended the Chesapeake Bay Foundation's celebration of the 5-millionth tree planted as part of the Keystone 10 Million Trees partnership. This initiative began in 2018 and set an ambitious goal of planting 10

million trees in Pennsylvania before 2025. In addition to the milestone white oak tree, 100 other native trees, including serviceberry, American beech, and white pine, were planted in our very own Furnace Run Park in Southampton Township. These trees were planted by over 30 vol-

unteers, including members of the Arbor Day Foundation, who travelled to Franklin County from Nebraska to celebrate this monumental achievement. The 5-millionth tree will become a pinnacle landmark in the new Furnace Run Park welcome center coming in the next few years.



*Clean Water Coordinator Caitlin Lucas digging a hole to plant a tree.*



*Watershed Specialist finishing up planting a tree.*



*FCCD Watershed Specialist, FCCD Clean Water Coordinator and Cumberland County Conservation District Watershed Specialist Lori Glace posing with the milestone white oak tree: the 5-millionth tree.*

## ACB Knouse Planting

Last Fall, the Alliance for the Chesapeake Bay (ACB) hosted the planting of a half acre riparian buffer along the Falling Spring Branch in partnership with the Chambersburg Knouse Foods plant. Around 115 native species were planted by ACB staff, volunteers, and FCCD staff. This planting is part of a company-wide Knouse Foods Cooperative goal to convert their large lawn spaces to meadow or forest.



*Photo of the completed planting*



*Partners and volunteers gather to take a photo after all trees were planted and then protected with tubes, stakes, and bird nets.*

# Clean Water for Franklin County

## *A Letter from the Coordinator: Our Year in Review*

Dear Neighbors,

2022 was a big year for our Clean Water initiative. This past year was one of putting ideas into action with real results. Millions of dollars were awarded to our citizens to improve their operations with conservation practices. Municipalities and agencies came together to work toward more efficient use of time and funds for stormwater projects and stream restoration. New partnerships were formed, and new programs were started. Several programs that were once considered “pilots” were so successful they received additional funding to become longer-term programs. Our initiative is guided by goals of the County’s clean water plan, in which there are many smaller initiatives outlined that are vital to achieving our big goals. This year, a few of these smaller initiatives were at the forefront of our work. Below are highlights of this year’s progress!



### ***BMP Implementation***

Though we make strides in the implementation of conservation best management practices (BMPs) every year, this past year we have been working to increase the rate at which we implement these practices. Thanks to our CEG and CAP block grants as well as our dedicated staff, we have more than doubled our number of BMP installations and contracts with landowners this past year. We have consistently allocated and spent all of our implementation dollars each of the last three years (2020, 2021, and 2022), and we don’t plan on stopping now. Please see Pages 1 and 3 for more details on these projects!

### ***Streamlined Stream Restoration***

Over the last year, we have been piloting a new partnership with the Western PA Conservancy and PA Fish and Boat Commission to accomplish more stream restoration in Franklin County in more quickly. This new partnership, in combination with the PA CAP Block Implementation Grant, sped up our restoration process from completing a project over the course of 2-3 years to completing our pilot project in just 9-12 months! Please see the “Paddy Run” article on page 1 for more on this project & partnership. Additionally, we continue to work with additional partners to replicate similar workflows and further increase the rate at which we restore streams in Franklin County. Stay tuned for future spotlights on these projects and partnerships in development!



### ***Planning Projects on the Watershed Scale***

In 2021, FCCD held a stakeholder meeting for our partners across the Conococheague Creek Watershed. Visits were then made to many potential project sites, and results were formulated into a watershed plan. This plan looks to span across standard jurisdictional lines and benefit more than one person/agency/partner. These multi-beneficial projects will allow for a more efficient use of time and funds from all involved in each project, while also serving to strengthen funding requests. This plan, titled “Conococheague Creek Priority Projects Plan” and better known as “CP3”, is a huge step toward our goal for planning projects on the watershed scale. The plan is currently in revision and will be available for public viewing in early 2023.

### ***Increasing Capacity***

One of the biggest goals we have in our clean water plan is to increase our capacity to do more work. Right now, we are working at full capacity in our office and are utilizing as many partnerships as we can. However, we needed to be more creative with ways to get more work done with the same amount of people. While there is plenty of funding for projects right now, there are limited options for people to get the projects on the ground and certain aspects related to successful project establishment, such as buffer maintenance. In 2022, we tested a few partnerships to help us work toward increased capacity amidst current obstacles of “people funding” and “maintenance funding”.



## Clean Water for Franklin County *continued*

### **Boots on the Ground**

To build our workforce capacity, we partnered with Capital RC&D on a BMP Verification pilot program. In this partnership, Capital RC&D handled the administration of hiring contractors to perform verification of existing BMPs while FCCD worked directly with the contractors to locate the BMPs and record relevant data. FCCD was the first to expend all of their BMP Verification funding allotted through the CAP program. Due to this program's success, FCCD secured additional funding to continue the partnership. Thank you to all involved in administering this program and to those who have participated! We can't wait to see the results of this new program in the 2022 BMP report.



### **Private Funding Solutions**

In pursuit of more inclusive/flexible funding for work such as BMP maintenance and project readiness, FCCD entered a partnership with the University of Maryland's Environmental Finance Center (UMD EFC) to research private funding solutions. This research is working toward building funding capacity in Franklin County. UMD EFC secured funding through National Federation of Fish & Wildlife (NFWF) to continue this ongoing research & partnership. We are excited to see what 2023 holds for building capacity through private funding solutions! For more information, please contact our office and ask for the Clean Water Coordinator.

In 2023, we hope to grow our existing partnerships into strong, sustainable programs that will function well for years to come. We are eager to put more BMPs on the ground that directly improve water quality for the citizens of Franklin County. We look forward to the projects that resulted from CP3 and seeing watershed-scale planning come to fruition. We hope to further streamline stream restoration to address the sediment erosion of our land. We will strive to address more of our smaller initiatives that bring us closer to our goals. Most of all, we are excited to continue our work with you, our great stewards of this beautiful land.

Thank you to our partners for your continued dedication and to our community for your wise stewardship of our natural resources. Your efforts are noticed and greatly appreciated!

*Gratefully,*  
Your Clean Water Coordinator

## 2022 Manure Expo

*Missed it? Here are some highlights...*

The 2022 North American Manure Expo (NAME) held in Chambersburg on July 13-14 in Chambersburg was the first in-person Expo since 2019, so we were a bit concerned about attendance. Fortunately, the agricultural community (including commercial manure haulers and brokers) was ready to get back to in-person events and we had over 1200 attendees! The show hosted 59 exhibitors, 17 educational sessions and local farm and stream tours over the course of the two-day event.

On the morning of the first day, attendees boarded coach buses to travel to and from tour stops. The agricultural tour consisted of visits to Oakleigh Farms (a robotic dairy) and Herbruck's Poultry (large layer operation with a manure pelletization process). A separate water quality tour visited the Owls Club in Waynesboro to see installed streamside Best Management Practices (BMPs) in a predominantly agricultural watershed and Mont Alto State Park in a predominantly forested watershed. In the afternoon, attendees visited nearby Falling Spring Farms for a live manure agitation demonstration.

The second day of the Expo provided visitors with the opportunity to see firsthand the latest and greatest manure application equipment and technology in operation. Additionally, a variety of educational sessions were provided for commercial haulers, brokers and nutrient management specialists to earn the continuing education credits they need to maintain their commercial license. At the end of the second day, there was a live manure spill response demonstration to show attendees the simple actions they could take to prevent liquid manure from reaching environmentally sensitive areas during an accidental manure spill.

Even though this event was a great deal of work, which involved months of planning, co-chairs Robb Meinen (Penn State Extension) and Jennifer Bratthauer (Franklin County Conservation District) said the work was worth it. Franklin County has a lot of livestock production with a lot of manure making it an ideal location to hold a Manure Expo!



*The 2022 Manure Expo boasted crowds of over 1200 attendees.*



*Opportunities for hands-on demonstrations were available at the Water Quality tour.*



## Envirothon 2023

The 2023 Franklin County Envirothon will be held in-person on Tuesday, April 18, 2022 at Cowans Gap State Park. To learn more about the Envirothon and how your school or business can be involved, please contact FCCD's new Envirothon Coordinator, Emily Hartley, at 717-264-5499 or [ehartley@franklinccd.org](mailto:ehartley@franklinccd.org)



# 2023 TREE SEEDLING SALE

**NEW: Online ordering option now available at [www.franklinccd.org](http://www.franklinccd.org)  
Credit Card payments now accepted (online, phone or in-person)\*  
Checks and Order Forms still accepted**

The Annual Franklin County Conservation District Tree Seedling Sale is now in progress. This excellent stock comes from state-certified nurseries.

- ⇒ TREE SEEDLINGS are available for purchase in **bundles of 25** per species.
- ⇒ FRUIT TREES are sold **individually** and are available on a first-come first-served basis. Our supply is limited so please **CALL BEFORE ordering by mail**. Unfortunately, we cannot guarantee your order if you do not contact us for the fruit trees. (Online ordering will indicate remaining supply.)

**Deadline for orders: March 29, 2022**  
Be sure to call us at 717-264-5499  
if ordering fruit trees to ensure ample supply.

SALES TAX: Please add 6% sales tax on all orders for non-farm use. *If you are tax exempt, please submit your tax-exempt form or call 717-264-5499.*

**Checks should be made payable to: FCCD**

## ORDERING OPTIONS:

- ◆ Order online at [www.franklinccd.org](http://www.franklinccd.org) \*
- ◆ Complete the attached order form *OR* download the form from our website: [www.franklinccd.org](http://www.franklinccd.org)
- ◆ Mail your order form and check to us
- ◆ Visit our office at 185 Franklin Farm Lane, Chambersburg and pay with check, cash or credit card\*

**NEW THIS YEAR: Milorganite pouches - Keep the deer away from your fruit and hardwood trees!**

⇒ *Credit card payments subject to a 3% processing fee.*

## PICK UP DATE:

**Thursday, April 27, 2022**

***NO Shipping Available***

Please call us if we can help direct you to our  
Ag Heritage Building on Franklin Farm Lane:  
717-264-5499.

**\* ALL SALES FINAL \***

## 2023 Tree Seedling Sale - Apples, Peaches

Fruit trees are available on a first-come first-served basis. We have a fairly limited supply of these, so please **CALL BEFORE** using this order form: 717-264-5499.

Trees are 2-year-old budded specimens.



### TRIUMPH® APPLE

An offspring of the 'Honeycrisp' apple, Triumph® produces attractive fruit. It has demonstrated excellent scab tolerance, good fresh eating qualities and long storage life. Ready to harvest in late September, Triumph® is a pleasantly tart and well-balanced red apple with good storage life.



### CONTENDER PEACH

Known for being cold-hardy and having excellent disease resistance. Medium-sized peaches taste very sweet with an acidic balance. Freestone. Self-pollinating. Needs 6-8 hrs of full sunlight per day. Mature tree height 10-15 ft. Requires well-drained soil. Fruit ripens mid-to-late August.



### GOLDRUSH APPLE

Best known for its remarkable keeping qualities. Will keep in regular cold storage approximately 10 or 11 months. Fruit has a tart, tangy flavor that sweetens with age. GoldRush resists oxidation when cut, making a nice, yellow sauce, and the fruit also bakes very well. Resistant to scab and mildew. Late maturing variety. Well suited for both raw and cooked consumption.



### REDHAVEN PEACH

Considered by many as the standard for the Northeast peach industry. Tree is vigorous, very bud-hardy and productive. Heavy-bearing. Easy to grow and maintain. Drought tolerant. Fruit is medium to large and colors to a brilliant red. Freestone. Self-pollinating. Ripens around August 1.

### NEW: MILORGANITE POUCHES - Hang them on your fruit and hardwood trees!

Milorganite is a useful product for preventing deer from grazing on fruit trees and ornamental plantings. The odor of Milorganite (an organic nitrogen fertilizer) helps to keep deer away. Hang a small pouch (2x3") on each tree or spread around plantings to deter deer. Generally, it will retain its scent for a full growing season if hung from the tree because the product will not come in contact with the ground. (Milorganite *is* safe for children and pets.)



ALL FRUIT PHOTOS USED WITH PERMISSION FROM ADAMS COUNTY NURSERY, INC.

# 2023 Tree Seedling Sale - *Hardwoods, Conifers/Evergreens*



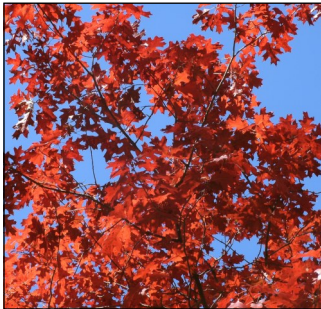
## PERSIMMON

Grows up to 60 ft. Fragrant white flowers in the spring yield orange edible fruit in the fall. Sometimes used as an ornamental for its hardiness, adaptability to a wide range of soils and climates, and immunity from disease and insects. Moist, well-drained soils provide best conditions but will tolerate hot, dry, poor soils. Thick, dark green leaves turn a yellow fall color.



## COLORADO BLUE SPRUCE

A handsome ornamental specimen in a single planting or as a dense, colorful screen or windbreak. Reaches height of 50-75'. Its stiff silvery-blue to bluish-green needles are about 1" long. Prefers ordinary soil, average moisture, and full sun. Does not like wet soil. Deer-resistant with a strong, fresh, piney smell.



## RED OAK

A common dominant forest tree growing to 100 ft or more in moist to dry soils. Deer, bear, and many other mammals and birds eat the acorns. Often planted as a shade tree. The "red oak group" includes all oaks with bristle-tipped leaves and acorns ripening over two seasons.



## CANAAN FIR

Trees are developing a good reputation for growth and color. Able to tolerate poorly drained, heavy soils. Medium-sized tree reaching 40-55 ft in height and 20-25 ft in width. Foliage color is lustrous dark green to bluish green. Needles are generally 3/4-1 1/2 inch long. Recommended for use as a windbreak. Traditional evergreen shape with a nice fir smell.



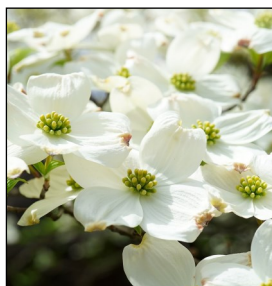
## AMERICAN ELDERBERRY

A woody shrub or small tree. Reaches 5-12 ft tall, 6-10 ft wide. Tolerates a wide variety of wet to dry soils. Prolific spreading. Best used in naturalized areas as a hedge, in a woodland, or along streams and ponds. Good addition to butterfly and pollinator-friendly areas. Berries, inedible when raw, are used for making jelly, wine and pies.



## EASTERN WHITE PINE

Fast growing to 100 ft. A five-needled pine, with soft, light green-blue needles, 4 inches long. Grows in normal moisture conditions but can tolerate wet, swampy areas as well as dry, rocky soil. Excellent ornamental tree for specimens, naturalizing, windbreak or dense screen. Also widely used for Christmas trees and timber.



## WHITE DOGWOOD

Blooms April-May with distinctive white leaves. Leaves turn red-purple in fall. Grows at slow rate to a height of around 25 ft with a maturity spread of 25 ft. Prefers full sun or partial shade. Good choice for planting near utility lines, buildings or patios.



## NORWAY SPRUCE

Fastest growing of the spruces reaching a height of 40-60 ft with a spread of 25-30 ft. Develops strong graceful branches that are covered with dark green needles. Makes an ideal windbreaker. Grows at a medium to fast growth rate and does well in full sun. Also makes a wonderful wildlife habitat. Yields light brown 4-6 inch cones.



## BLACK CHERRY

Best as an open grown tree. Grows 15-25 ft wide and 20-30 ft high. Tree will develop with an oval, moderately spreading crown. Adaptable but prefers moist, well-drained soils. Withstands heavy pruning and prefers full sun to partial shade. Showy white flowers in the spring. Fruit can be used for jams/wines.



## AMERICAN ARBORVITAE

Grows at a slow to medium rate to a height of 40-60 ft with a spread of 10-15 ft at maturity. Full sun is ideal. Grows well in nearly any soil. Leaves change from bright green in summer to rich yellow-brown-green hues in winter. Adapts well to shearing and shaping. Yields light brown oblong cones.

ALL PHOTOS USED WITH PERMISSION

**Pick Up:  
4/27/2023**  
Pick Up ONLY  
(No Shipping)

# 2023 Tree Seedling Sale Order Form

See Page 9 for other ordering options

**\*ALL\* ORDERS MUST BE PRE-PAID**



NAME: \_\_\_\_\_  
 STREET ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_  
 DAYTIME PHONE: \_\_\_\_\_

**Pay with Credit Card\***  
 (in person or by phone)  
**OR**  
**Make Check Payable**  
**To: FCCD**  
 \* Credit card payments subject to a  
 3% processing fee

**RETURN THIS FORM TO: Franklin County Conservation District**  
 185 Franklin Farm Lane, Chambersburg, PA 17202

**ORDER DEADLINE: WEDNESDAY, MARCH 29**

<u>TREE SPECIES</u>	<u>SIZE</u>	<u>PRICE PER 25</u>	<u>NUMBER OF BUNDLES</u>	<u>AMOUNT DUE</u>
Canaan Fir	5-10"	\$36.00	_____	\$ _____
Colorado Blue Spruce	5-10"	\$27.00	_____	_____
Eastern White Pine	8-15"	\$33.00	_____	_____
Norway Spruce	5-10"	\$28.00	_____	_____
Persimmon	12-18"	\$36.00	_____	_____
Red Oak	6-12"	\$30.00	_____	_____
American Elderberry	6-12"	\$30.00	_____	_____
American Arborvitae	6-12"	\$33.00	_____	_____
White Dogwood	12-18"	\$36.00	_____	_____
Black Cherry	12-18"	\$30.00	_____	_____

<u>FRUIT TREE SPECIES</u>	<u>SIZE</u>	<u>PRICE PER TREE</u>	<u>NUMBER OF TREES</u>	<u>AMOUNT DUE</u>
<i>(Be sure to call us to ensure ample supply of fruit trees: 717-264-5499.)</i>				
Triumph® Apple	4-5'	\$28.00	_____	\$ _____
Goldrush Apple	4-5'	\$28.00	_____	_____
Contender Peach	4-5'	\$22.00	_____	_____
Redhaven Peach	4-5'	\$22.00	_____	_____

**PLEASE PLACE ORDER FOR TUBES, STAKES, & MILORGANITE WITH TREE ORDER:**

<b>Tubes (NOT for fruit trees)</b>	<b>4'</b>	<b>\$ 5.00</b>	_____	\$ _____
<b>Stakes</b>	<b>5'</b>	<b>\$ 1.50</b>	_____	\$ _____
<b>Milorganite</b>	<b>2x3" Pouch</b>	<b>\$ 1.00</b>	_____	\$ _____

\*\* If tax exempt, please include a copy of your PA tax exemption form.      SUBTOTAL \$ \_\_\_\_\_

**\* ALL SALES FINAL \***

6% TAX\*\* \_\_\_\_\_

3% CC Fee \_\_\_\_\_

**TOTAL DUE \$** \_\_\_\_\_

Date of pickup will be **THURSDAY, APRIL 27, 2023.**




185 Franklin Farm Lane, Suite 201  
Chambersburg, PA 17202

## RETURN SERVICE REQUESTED

Phone: 717-264-5499  
Fax: 717-264-5482  
Website: [www.franklinccd.org](http://www.franklinccd.org)  
E-mail: [franklinccd@franklinccd.org](mailto:franklinccd@franklinccd.org)

**JANUARY 2023**

**We're on the Web**  
[www.franklinccd.org](http://www.franklinccd.org)

 <https://facebook.com/FranklinCCD>

**INSIDE:**  
**2023 Tree Seedling**  
**Sale Info**

## Franklin County Conservation District Staff

*Phone: 717-264-5499*

Name	Position	Email
Dave Stoner	General Manager	<a href="mailto:davestoner@franklinccd.org">davestoner@franklinccd.org</a>
Scott Metzger	Asst Manager/ Ag Resource Specialist	<a href="mailto:baytech97@franklinccd.org">baytech97@franklinccd.org</a>
Jennifer Bratthauar	Ag Conservation Technician	<a href="mailto:jbratthauar@franklinccd.org">jbratthauar@franklinccd.org</a>
Brady Byers	E&S Technician	<a href="mailto:bbyers@franklinccd.org">bbyers@franklinccd.org</a>
Rhoda Crider	Administrative Asst Board Secretary/Treasurer	<a href="mailto:rcrider@franklinccd.org">rcrider@franklinccd.org</a>
Emily Hartley	Watershed Specialist	<a href="mailto:ehartley@franklinccd.org">ehartley@franklinccd.org</a>
John High	PE District Engineer	<a href="mailto:jhigh@franklinccd.org">jhigh@franklinccd.org</a>
Caitlin Lucas	Clean Water Coordinator	<a href="mailto:clucas@franklinccd.org">clucas@franklinccd.org</a>
Jonathon Ott	Ag Conservation Technician	<a href="mailto:jott@franklinccd.org">jott@franklinccd.org</a>
Chris Swartz	Ag Conservation Technician	<a href="mailto:cswartz@franklinccd.org">cswartz@franklinccd.org</a>
Thomas Swartz	Ch 102 Program Manager	<a href="mailto:tswartz@franklinccd.org">tswartz@franklinccd.org</a>