

CONSERVATION NOTES Mission: To promote conservation of natural resources through local leadership, education and technical assistance.

Board Leadership

ike Birkmeyer and Megan Evans were each elected to three-year terms on the Licking Soil & Water Board of Supervisors. Their terms began on January 1, 2016.

Mike resides in Granville Township and is an Independent Insurance Agent at Madison-Collins-Stephen's Agency. He has a B.S. in Business Administration and holds leadership roles in the Licking County Chamber of Commerce and Granville Kiwanis, as well as being a member of Newark Heath Rotary and the Downtown Newark Association. Birkmeyer would like to see an increase in public awareness of Licking Soil & Water by continuing strong education and outreach programs, building partnerships within the community, and securing sustainable funding for the organization. He serves as the 2016 Vice Chair and Program Committee Chair.

Megan is the Grants Administrator for the Licking County Foundation. She holds a B.A. in Biology from Ohio Wesleyan University and resides in Newark where she volunteers with Big Brothers Big Sisters. Evans said



Money Grows on Trees

summer days. We climb them as youth. We eat their fruits. But what other benefits do we reap from nature's woody wonders?

Beyond producing great habitat for birds, squirrels, and other landdwelling furry friends, trees also help protect water quality and aquatic habitat. Trees along stream banks reduce water temperatures and increase water guality, allowing sensitive species to succeed.



she would like to work on identifying funding streams for the organization, protecting water resources, and increasing awareness of services offered to the community. She serves on the Policy and Personnel Committee where she hopes to share her administration and human resources expertise.

The Board and staff thank Charles Warthen for his 12 years of service on the board and on the Ohio Federation of Soil & Water Conservation Districts. The Board and staff also thank Harold Martin for his service on the board.

rees. We sit under them on hot In both urban and rural settings, not only do trees hold soil in place and prevent erosion, but they absorb stormwater after rainfall, preventing excess runoff and potential pollutants from entering our waterways. When the trees sold during our 2015 Tree Sale are mature, over 17,433,825 gallons of stormwater will be diverted annually! These trees will also provide up to \$1,329,375 worth of annual benefits to citizens of Licking County. These benefits include:

> • Greater property values for homes with trees in-front compared to those without.

> • Reduced summer energy cost when strategically planted to shade your home.

> • Reduced ozone levels through the lowering of air temperature.

> • Sequestration of CO2 in their stems, leaves, roots, and trunks.

> The 2016 Tree Sale is a great opportunity to add trees to your property. There are twenty species to choose from plus additional products like tree tubes to protect young trees. You'll find all the details on pages 2 and 3, as well as www.lickingSWCD. com.

> So what are you waiting for? Plant some trees today and reap the benefits for years to come!

> > Tree Sale **Details and Order Form** pages 2 - 3

SEEDLING TREE SALE

Native Evergreen Trees	- PLE	ASE CIRCLE	PACK OF 5,	25 or 100	
Species	Qty.	Pack of 5	Pack of 25	Pack of 100	Total
Eastern White Cedar		\$4.00	\$17.00	\$50.00	
White Pine		\$4.00	\$17.00	\$50.00	

2016 Seedling Tree Sale Order Form

Non-Native Evergreen Tre	es - Pl	EASE CIRC	LE PACK OF	5, 25 or 100	
Species	Qty.	Pack of 5	Pack of 25	Pack of 100	Total
Norway Spruce		\$4.00	\$17.00	\$50.00	-

Native Deciduous Trees	s - PLE	ASE CIRCLE	PACK OF 5,	25 or 100	
Species	Qty.	Pack of 5	Pack of 25	Pack of 100	Total
American Basswood (new)		\$7.00	\$30.00	\$90.00	
American Hazelnut		\$7.00	\$30.00	\$90.00	κ.
Bald Cypress		\$6.00	\$25.00	\$82.00	<u>.</u>
Black Walnut		\$6.00	\$25.00	\$82.00	
Bur Oak (new)		\$6.00	\$25.00	\$82.00	2
Buttonbush (new)		\$6.00	\$25.00	\$82.00	
Pawpaw		\$7.00	\$30.00	\$90.00	κ.
Persimmon		\$6.00	\$25.00	\$82.00	
Pin Oak (new)		\$6.00	\$25.00	\$82.00	
Red Maple (new)		\$6.00	\$25.00	\$82.00	7
Red Oak		\$7.00	\$30.00	\$90.00	
Redbud		\$6.00	\$25.00	\$82.00	
Shellbark Hickory		\$7.00	\$30.00	\$90.00	
Sugar Maple		\$7.00	\$30.00	\$90.00	
Sweet Shrub (new)		\$7.00	\$30.00	\$90.00	«
White Flowering Dogwood		\$6.00	\$25.00	\$82.00	
White Oak		\$6.00	\$25.00	\$82.00	

		Additio	onal Items			
	ltem	Qty.	Cost			Total
	Wildflower Seeds		\$4.25			
	Boundary marking paint (yellow)		\$7.00			
	Tree tube and wood stake		\$4.75			а А
	Marking Flags (white)		\$0.10			
	Dibble Bar		\$55.00			
	Rainbarrel		\$65.00			
	Please indicate quantity	next to	o item.			Grand Total
	Order Deadline: Friday, March 25 🗠	' Pick l	Up: Friday,	April 8		
ame:				Phone:		
ddress: _			Citv	/:	State	e: Zip:
in an				5.4 C		

____ Make checks payable to LCSWCD.

Order at LickingSWCD.com or Mail Order and Payment to LCSWCD, 771 E. Main St., Suite 100, Newark, OH 43055

Email:

						2016 Se	2016 Seedling Tree Sale	e Sale
Nativo Evoraroon Coorioc	Seedling	Mature	Mature	Growth		Soil	Soil pH	Commonte // Loor
INALIVE EVELBICETT SPECIES	Size	Height	VIGUN	Kate	eq	IVIOISTURE		
Eastern White Cedar	8" - 15"	20' - 60'	10' - 15'	S-M	S	M, W	A	well-adapted to wide-range of soil types and moisture levels, wildlife, wood products
White Pine	10" - 16"	60' - 80'	20' - 40'	, Ш .)	S	Δ	N, A	windbreaks, timber, wildlife
Non-native Evergreen Species	Seedling Size	Mature Height	Mature	Growth Rate	Light Required	Soil Moisture	Soil pH	Comments/Uses
Norway Spruce	10" - 18"	60' - 80'	20' - 40'	щ		D, M, W	N, A	landscaping, windbreaks, wildlife
-	Seedling	Mature	Mature	Growth	Light	Soil		
Native Deciduous Species	Size	Height	Width	Rate	Required Moisture	Moisture	Soil pH	Comments/Uses
American Basswood (new)	6" - 12"	50' - 80'	30' - 50'	Μ	S, P	M	B, N, A	bees, pollinator, large leaves, interesting fruits
American Hazelnut	6" - 12"	10' - 15'	10' - 15'	Μ	S	D, M, W	N, A	shrub-like tree, nuts, wildlife
Bald Cypress	6" - 12"	50' - 100'	20' - 40'	Μ	S	D, M, W	A	deciduous conifer, wetland species, timber, wildlife
Black Walnut	6" - 12"	50' - 70'	50' - 70'	н	S, P	D, M, W	N, A	nuts, timber, wildlife
Bur Oak (new)	6" - 12"	60' - 90'	60' - 80'	S	S, P	D, M	B,N	wildlife, specimen tree, interesting leaves and large acorns
Buttonbush (new)	6" - 12"	5' - 12'	4'-15'	Μ	S	W	N	pollinator, wildlife, spherical white flowers, ornamental, wetland species
Pawpaw	6" - 12"	20' - 25'	10' - 15'	Σ	S, P, SH	M, W	N	maroon flowers, edible fruit, wildlife, seedling needs some shade
Persimmon	6" - 12"	40' - 50'	25' - 30'	S-M	S, P	M, W	N	edible fruits, fall color, specialty lumber
Pin Oak (new)	6" - 12"	50' - 70'	40' - 60'	M-F	S, P	M, W	A	Aka Swamp Oak, russet fall color, great shade tree with dense branches and leaves
Red Maple (new)	6" - 12"	40' - 70'	30' - 50'	M-F	S, P	M, W	N, A	brilliant red fall color, shade tree, does well along creeks and in bottomlands
Red Oak	6" - 12"	50' - 60'	50' - 60'	F	S	D, M	N	tolerates dry conditions, landscape, timber
Redbud	6" - 12"	25' - 30'	26' - 33'	Μ	S, P	M, W	В	adaptable, abundant lavender flowers
Shellbark Hickory	6" - 12"	100' - 120'	74' - 80'	M	S, P	W	A	does great in bottomlands, flatlands that do not drain quickly, and floodplains
Sugar Maple	6" - 12"	60' - 80'	20' - 40'	S-M	S	M	N	landscaping, timber, orange fall color, maple syrup
Sweet Shrub (new)	6" - 12"	6' - 9'	6' - 12'	S	S, P	Σ	B, N, A	fragrant, interesting maroon flowers, adaptable, multiple stems, yellow fall foliage
White Flowering Dogwood	6" - 12"	20' - 30'	20' - 25'	S-M	S, P	M	А	four-season appeal, white flowers, red-purple fall color
White Oak	6" - 12"	50' - 70'	50' - 70'	S-M	S, P	D, M, W	N	timber, very beneficial to wildlife and ecosystems
Soil Moi	Soil Moisture: W = wet, M = medium, D = dry	wet, M = n	nedium, D	= dry	Sol	I pH: N = n	ormal pH	Soil pH: N = normal pH range (6.5 - 7.5), A = acidic (6.5 or less), B = basic/alkaline (7.5 or higher)
	Light: S =	sun, P = pa	Light: S = sun, P = part sun/shade, SH = shade	ide, SH = sh	ade	Growth	Rate: F=	Growth Rate: F = fast 12"+/year, M = medium 6"-12"/year, S = slow 2"-6"/year
	For mo	re plant inf	formation,	visit: http:	//forestry.c	ohiodnr.gov	/trees, htt	For more plant information, visit: http://forestry.ohiodnr.gov/trees, http://plants.usda.gov/java/ or search the web for a specific plant.
	A	dditional It	Additional Items and Details	etails				Licking County
Wildflower Seeds	plants up to	o 200'sq., s	plants up to 200'sq., showy annuals and native perennials	als and na	tive perenn	iials		
Boundary marking paint	yellow, long-lasting aerosol, 8" wide spray pattern, fast-drying	g-lasting ae	erosol, 8" M	vide spray J	oattern, fas	t-drying		Conservation District
Tree tube and wood stake 4", improves seedling survival, reduces wildlife damage	4", improv	res seedlir	ng survival	l, reduces	wildlife da	image		Aww.lickingSWCD.com
Marking Flags	white, 21"	metal shafi	white, 21" metal shaft, 4" x 5" flag	ag				740-670-5330 Friday, April 8
Dibble Bar	cast blade t	tapers to a	cast blade tapers to a thin wedge, quickly plant seedling trees	e, quickly p	lant seedlir	ig trees		Order at LickingSWCD.com or Mail Order and Payment to
Rainbarrel	store up to	55g of rair	store up to 55g of rainwater for later use to water plants and animals	later use to	water plar	its and anin	nals	LCSWCD, 771 E. Main St., Suite 100, Newark, OH 43055

AWARDS BESTOWED



Serving Agriculture Since 1918

Cooperator and Volunteer of the Year

ohn Wagy of Pataskala was honored as Cooperator of the Year. Sponsored by by Farm Credit Mid-America, the award was given to Wagy for demonstrating outstanding examples of protecting and



of protecting and conserving natural resources. Wagy has installed grassed waterways, improved tile plans and participated in variable-rate nutrient management. Bill Evans, past Licking Soil & Water District Technician said, "John always seems genuinely concerned for the land and his impact on downstream neighbors." Congratulations John!

Jim Kiracofe of Utica was honored as Volunteer of the Year for his continued involvement in



conservation agriculture, the River Round Up committee and the Hartford Fair Natural Resources Area advisory board. He avidly speaks about the value of Licking Soil & Water in the community and donates many hours of volunteer time annually. Congratulations Jim!

Crop Consulting

13680 SOCKMAN RD, MT VERNON, OH 43050 Crop Scouting ~ Fertility and Pest Mgmt.

Rendell D. Shira, CCA INDEPENDENT CROP CONSULTANT 740-397-3118 rjshira@yahoo.com



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Helser Woodland Management Paul Helser, Consulting Forester 740-501-3469 "We Work for the Landowner" Timber Sale Administration * Woodland Management Plans

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Conservation Specialist Hired

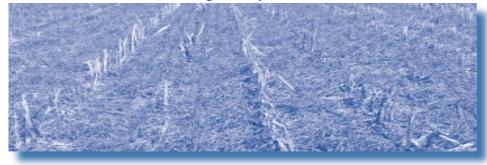
Chodd Armfelt joined Licking County Soil & Water as the Agricultural Conservation Specialist in December. His responsibilities include technical assistance with projects such as conservation planning, cover crops, and grassed waterways. Chodd works closely with Soil & Water's federal partner, the Natural Resources Conservation Service. He also serves as an educational resource for adults and youth.

Chodd credits his strong passion for agriculture to childhood farm calls with his father and veterinarian Mark Armfelt. He earned a B.S. in Agricultural Systems Management from The Ohio State University. Prior to joining the



Soil & Water team, he worked as a Precision Farming Specialist for an agricultural equipment dealer. In addition to his position at Soil & Water, Chodd also serves as a Sergeant in the Ohio Army National Guard repairing helicopters.

He looks forward to meeting and working with producers, farm owners and students in Licking County.



Under Cover Crops

uskingum Watershed Conservancy District (MWCD) offered a cost share program administered through Soil & Water for cover crop installation in Licking County during 2015-2016 winter. Licking County had over 1,000 planted acres in the program.

Thanks to the producers and MWCD, these cover crops:

- saved over 200 tons of soil that would have been eroded into rivers and streams,
- kept over 2,000 pounds of phosphorous on the land, and
- kept over 4,500 pounds of nitrogen on the land.

By choosing to use cover crops, producers create healthier waterways and increase soil fertility.

There are many different cover crops that achieve various outcomes. Therefore, it is important to select the right seed, or right blend, for your operation to generate the best results for soil productivity and water quality.

If you are interested in learning more about cover crops, or want information concerning cover crop programs for 2016-2017 winter, contact Chodd at choddarmfelt@lickingswcd.com or 740-670-5330.

CONSERVATION UPDATES ed Gullies to Grass

ired of bouncing the tractor over that gully in the field? Implementing a grassed shaping waterway by and establishing grass in a natural drainage way is a great practice to prevent gullies from forming. Runoff water flows across the grass in the smooth bowl-shaped channel instead of tearing away the soil and forming a gully. The vegetation also acts as a filter, absorbing some of the chemicals and nutrients in runoff water.

Some things to remember to keep your waterway effective include:

•Lift implements out of the ground and shut off spray equipment when crossing

•Do not use the waterway as a roadway

Mow periodically

•Avoid tillage and planting parallel to the waterway which creates preferential water flow outside of the waterway, creating a gully alongside the waterway.

For more information on constructing a grassed waterway, including cost share programs and technical assistance, contact Chodd at 740-670-5330 or choddarmfelt@lickingswcd.com.



CONSERVATION PRACTICES



We log with horses or conventional equipment. Call for references.

740/967-4208

Insure your Farm with the Nation's Leader

Ask about Nationwide Agribusiness's AgriChoicesm farm insurance product, specifically tailored to meet all your farming needs.

Ken Lynch Insurance 740-587-4509



Clean Sweep

he Licking County FFA Soil Judging contest took place in September at the Boyd Wilkin Reserve, a Licking Park District property in Mary Ann Township. Students from Licking Valley, Johnstown and Utica competed. All of the awards were presented to Licking Valley FFA students.



Ashley Dillon was the Urban Individual Winner. Pictures from left to right, Urban Team Winners were Ashley Dillon, Dylan Carr, Fischer White, Lane McClurg, Royal Fogle.



Jordan Ellis was the Rural Individual Winner. Pictured from left to right, Rural Team Winners are Jordan Ellis, Hunter White, Cheyenne Crawmer, Keith Chappalear, Andrew Holtz.

Thank you to Mary Ann Township trustees for helping dig the soil pits and to Licking Park District for use of their site. Congratulations FFA advisor Jeff Ellis and students for your clean sweep of the 2015 competition.

Granville Kiwanis Platinum Plus Sponsor

Funds raised during the Annual Giving Campaign help support many mission-based programs for vouth and adults. For more information or to make a campaign donation, call 740-670-5330 or visit www.lickingSWCD.com.

CONSERVATION PRACTICES



Breakfast Fundraiser Saturday, March 5

8-10 a.m. Central Christian Church Newark

Locally Grown & Gathered Dinner Friday, April 15 6:30 p.m. COTC Campus, Newark

Reserve Now

onsider renting or purchasing conservation equipment and supplies to assist with your planting needs. From small tools like **Dibble**/ **Planting Bars** (see page 3) to large seed drills, choose items that makes your job easier.



John Deere 1590 No-till Drill (10ft) used for soybeans, oats, alfalfa, grass seed, etc;



Great Plains 706NT No-till Drill (7ft) used for warm and cool season grasses, small grains;



Straw Mulcher used for preventing soil erosion and helping establish new seedings;



Geo-textile Fabric water permeable fabric used as a barrier between soil and gravel to prevent erosion on high traffic areas.

The spring calendar is already filling up with no-till drill rentals. For reservations and additional information, call 740-670-5330 or visit www.lickingswcd.com/for-sale-or-rent.



Fax: 740-852-0250

LICKING COUNTY SOIL & WATER CONSERVATION DISTRICT

771 East Main Street Suite 100 Newark, Ohio 43055-6971

Return Service Requested

DATED MATERIAL

Please Recycle!

Supervisors Jeff Baker* Mike Birkmeyer* John Chacey* Fred Ernest* Megan Evans* Jeff Bates** Matt Hazelton** Terry Van Offeran*! Soil & Water Staff Chodd Armfelt Zach Bollheimer Denise Natoli Brooks Pat Deering

* Board Member

NRCS Staff Patty Dyer Melissa Horton David Houston Joe Koehler Danielle Meggyesy

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This newsletter is a quarterly publication of the Licking County Soil & Water Conservation District 771 E. Main Street, Suite 100 Newark, OH 43055 740-670-5330 www.lickingSWCD.com Advertising in this newsletter does not constitute an endorsement by the Licking County Soil & Water Conservation District supervisors or staff.

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Winter 2016

Licking County Soil & Water Conservation District Office 740-670-5330 * www.lickingSWCD.com

Party for the Planet

The local Ohio Pollinator Habitat Initiative group recently gathered for *milkweed seed cleaning parties*. "The milkweed seeds were cleaned by removing seeds and fluff or the silk from the milkweed pods," says Lori Stevenson, Ohio State Coordinator for the Partners for Fish and Wildlife Program. "The plan for this local milkweed seed collection project is to collaborate with Licking County community partners to propagate the milkweed seeds for planting this spring." The seeds will be planted at several prominent sites, including schoolyard habitats to provide educational experiences for students, restoration projects to create pollinator habitat for monarch butterflies, park district properties and other sites that will be in long-term protection for habitat conservation and public

enjoyment. Thank you to everyone that collected and cleaned seeds.

Have a site in mind to start seeds or plant plugs? Want to help with the pollinator initiative? Contact Lori at 740-670-5312 or lori_stevenson@fws.gov.



Consider electronic delivery to help conserve natural resources and reduce postage costs. Email information@lickingSWCD.com to sign up. For updates and more activities, visit www.lickingSWCD.com/calendar.

Important Dates

NOW: Tree Sale Mar 7: CAUV Deadline Mar 5: Natural Resources Area Breakfast Mar 9: LCSWCD Board Meeting Mar 12: Farmers' Share Breakfast Mar 25: Tree Sale Order Deadline Mar 30: DIY Rain Barrel Workshop Apr 2: Ag. Plastic Recycling Apr 8: Tree Sale Pick Up Day Apr 12: Tri-County Envirothon Apr 15: Locally Grown & Gathered Dinner Apr 17: Stream Team Apr 19: DIY Rain Barrel Workshop Apr 20: LCSWCD Board Meeting More events at lickingSWCD.com/calendar.