



POPE SOIL AND WATER CONSERVATION DISTRICT

Conservation News



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Glenwood, MN 56334

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www.popeswcd.org

Funding Secured For Water and Sediment Control Projects

Pope SWCD has been working with several landowners on water and sediment control basins, grassed waterways, grade stabilization, and terraces in conjunction with the NRCS.

These projects are being designed and implemented in the sub watersheds to Lake Minnewaska and Lake Emily. This work will continue under new funding attained in 2016 through Clean Water Funding. The grants total over \$500,000 and will be implemented over the next 3 years.

If you have erosion concerns on your land plan ahead and stop in to visit with staff about your needs. It takes time to design, plan, and secure funding to implement these practices.



Sign Up Now for 2016 Irrigation Management Services

Pope SWCD is signing up landowners for Irrigation Management Services in the summer of 2016.

The SWCD will provide:

1. Weekly visits to check soil moisture
2. Furnish weekly computer soil moisture graphs
3. Conduct Irrigation System Uniformity checks (as needed)
4. Provide a year-end summary (graph) showing irrigation totals, rainfall amounts, and potential leaching events (This information will help with DNR Waters Year End Reporting Requirements.)



The fee is \$250 per field per year. The SWCD specializes in voluntary programs and efforts by producers and has had a proven track record of success in doing so. This Irrigation Scheduling Program provides you with an additional tool not only to document the water use that is necessary for the crop to gain the best yield but also keeps the water use and conservation of it in mind when it is possible.

Give us a call to discuss your needs 320-634-5327.

DNR PROVIDES BUFFER MAPPING PROJECT DETAILS

The Minnesota Department of Natural Resources has provided a timeline and other details about its production of maps for the state's new law requiring vegetative buffers around bodies of water. The information is available at www.mndnr.gov/buffers.

"We understand people have questions about the buffer initiative," said Dave Leuthe, DNR project manager. "This information explains the process the DNR will use for the mapping project, the timeline in which maps will be developed, and opportunities for local governments and the public to engage in the process."

Gov. Mark Dayton's landmark buffer initiative was signed into law in 2015. The law will establish new perennial vegetation buffers of up to 50 feet along rivers, streams and ditches to help filter out phosphorus, nitrogen and sediment.

The DNR is responsible for producing maps of public waters and ditch systems that require buffers under the new law. Local governments will provide information on ditches, which the DNR will integrate with information on public waters to develop preliminary buffer maps. The DNR is scheduled to produce final maps by July 2016, using a four-phase approach:

- Phase I - This fall, the DNR will use existing digital data to identify public waters that require a buffer (50-foot average width) and provide the information to local governments for review.
- Phase II - Beginning this fall and continuing through winter, the DNR will coordinate with counties and watershed districts to transfer local information on ditches, within the benefited areas of public drainage systems, into digital data. This will be used by the DNR to help identify ditches that require a one-rod (16.5-foot) buffer.
- Phase III - In late winter 2016, the DNR will use the combined public water and ditch system data to produce preliminary buffer maps. Local governments such as cities, townships and soil and water conservation districts, will review the maps, take input from landowners, and provide comments to the DNR.
- Phase IV - In summer 2016, the DNR will deliver integrated buffer maps to the Board of Water and Soil Resources, local soil and water conservation districts, and other local governments. The Board of Water and Soil Resources is responsible for the implementation process.

There will be public engagement opportunities when the preliminary maps are available. The maps will help landowners identify whether they need to create a buffer and, if so, whether they need a 16.5-foot or 50-foot average buffer width.

Local soil and water conservation districts will work directly with landowners and help them use the maps to create the right size buffer, or help the landowner select an alternative water quality practice in lieu of a buffer.

Go to www.mndnr.gov/buffers to learn more about how the DNR is producing maps for the governor's buffer initiative.

MINNESOTA'S BUFFER LAW

ARTICLE CREDIT: STEARNS SWCD

What landowners need to know regarding the recent legislation.

- The DNR will map all public waters and ditches that will be subject to buffers by July 2016.
- 50 foot buffers must be installed on public waters by November 2017.
- 16 1/2 foot buffers on public ditches must be installed by November 2018. (Minnesota Statute 103 E)
- Many small streams, headwaters and ditches aren't public. It will be up to the SWCD's to identify those that need buffers.
- Landowners retain use of the buffer unless enrolled in a program that has restrictions to use.
- Landowners can seed the buffer on their own without cost share and retain ability to use the buffer as long as perennial vegetation is maintained.
- Landowners could adopt other practices to protect water quality if they are the same level of protection as a buffer.
- SWCD's will be receiving funding assistance to provide technical assistance to landowners.
- Cost share may be available through the Chippewa River Watershed in portions of Pope County.
- The Board of Soil and Water Resources can withhold funds to SWCDs that fail to implement the law.
- Counties and watershed districts that do not enforce the law will also jeopardize their state funding.
- Regulatory entities (County, Watershed District, BWSR) can issue fines to landowners if they do not comply.
- No new financing is available to aid producers to take cropland out of production to plant buffers.

MINNESOTA AG WATER QUALITY CERTIFICATION PROGRAM **AVAILABLE TO POPE COUNTY PRODUCERS**

The MAWQCP is a voluntary program and opportunity for landowners to take the lead in implementing conservation practices to improve water quality. Those who implement and maintain approved farm management practices will be certified and in turn obtain regulatory certainty for a period of 10 years. Certified farmers are deemed in compliance with any new water quality rules or laws during the period of certification. Farmers interested in

becoming certified also receive priority status for technical and financial assistance for implementation of additional practices.

Pope SWCD staff has begun to reach out to producers regarding this new program. For more information on how to become certified in the Minnesota Ag Water Quality Certification Program visit www.mda.state.mn.us/awqcp or contact our office (320) 634-5327.



WELL SEALING COST SHARE AVAILABLE

Pope SWCD has funding to provide cost-share assistance for well sealing. The SWCD will contract with the property owners to share the cost of closing priority-abandoned wells. In turn, the property owner must contract with a state-licensed well sealing contractor to perform all necessary work. All work must be done in accordance with the Minnesota Well Code, including the filing of a sealed well record with the Minnesota Department of Health. Upon completion of all of the required work and the submission of the required documents to the SWCD, reimbursement to the property owner will be made.



The Pope SWCD will provide 75% cost-share per well not to exceed a maximum of \$500 per well. The funding is limited therefore not everyone will be funded.

To learn more about this program or to request an application call 320-634-5327.

Pope SWCD is taking orders now for spring delivery and planting of shelterbelts and other tree practices. Call to schedule an appointment with Kelly Erickson to get started on your tree plan to ensure that trees will be available.



POPE SOIL & WATER



POPE SWCD PROVIDES NATIVE GRASS SEED & SEEDING

The Pope SWCD offers a complete package of services and products to aid in implementing native grass plantings enrolled in conservation programs and for seeding buffers
Call today to set up a time to meet with staff to discuss your project and provide an estimate. Ask for Kelly!



PLANTSKYDD DEER REPELLANT AVAILABLE FOR PURCHASE



LISTED BY THE ORGANIC MATERIALS REVIEW INSTITUTE (OMRI) FOR USE IN PRODUCTION OF ORGANIC FOOD AND FIBER.

PROVEN EFFECTIVE FOR UP TO 6 MONTHS

REPELS BY ODOR (NOT UNPLEASANT TO APPLICATORS)

Plantskydd is available in powder and liquid form and in a variety of quantities. This product has been quite effective when used on newly planted trees and shrubs to protect them from deer that browse on young trees. The smell of the product is what keeps the deer away. Stop in the office to purchase. We always have the product on hand.

COOPERATIVE WEED MANAGEMENT PROGRAM

The 2015 Cooperative Weed Management Area (CWMA) Internship began in April. All 20 Pope county townships and all 21 Swift county townships were scouted in several waves to determine species locations and populations. Routes and noxious weed findings were recorded. Roughly half a dozen sites had herbicide treatment to control identified noxious weed at each location. Follow up checks will be conducted in the spring of 2016.

Oak tree health was of concern this previous summer. Site visits were conducted and it was determined that oak wilt is not infecting Pope County; there are other leaf/tree fungal viruses infecting the trees. There is no reason for alarm. These viruses are common and will cycle through.

The Pope-Swift CWMA program will continue with increased 2016 treatment based on the 2015 scouted areas. The Weed Watchers map and website will be updated and the Weed of the Week articles will continue throughout the summer of 2016. Radio announcements and workshops may be held.

Pope SWCD has secured funding for continuation of this program for 2016 and 2017 in Pope and Swift Counties. Jessica Oldakowski was hired fulltime this past fulltime and will be continuing to coordinate this program in partnership with the Ag Inspector. If you have one of these invasive species on your property please contact us at 320-634-5327.

Check out our weed watchers website:
www.weedwatchers.org

2016 SALES PROGRAM ORDER FORM

POPE SOIL & WATER



CONSERVATION DISTRICT

1680 Franklin St North, Glenwood, MN 56334

PHONE: (320) 634-5327

FAX: (320) 634-4278

www.popeswcd.org

Name: _____

Address: _____

City, State Zip: _____

Email: _____

Day Phone: _____

Home Phone: _____

Order early for the best selection of trees.

You will be notified in April of pick-up dates for trees, tree products, and for grass seed orders.

Orders received before **December 10th** for 2016 planting will receive **10% off the tree order.**

Special orders available upon request, call now to secure your order! No project to big or small!

Prices are subject to change.

ITEM	PRICE	#ORDERED	AMOUNT
SHRUBS (All Bare Root) priced per bundle of 25 Trees			
Buffaloberry	\$30.00		
Chokeberry, black	\$30.00		
Hazlenut	\$30.00		
Hi Bush Cranberry	\$30.00		
Juneberry	\$30.00		
Nanking Cherry	\$30.00		
Cotoneaster	\$30.00		
Redosier Dogwood	\$30.00		
Sand Cherry	\$30.00		
Villosa Lilac	\$30.00		
Common Lilac	\$30.00		
LARGE TREES (All Bare Root) priced per bundle of 25 Trees			
Siouxland Cottonwood	\$30.00		
Hackberry	\$30.00		
Bur Oak	\$30.00		
Silver Maple	\$30.00		
Sugar Maple	\$30.00		
American Linden Basswood	\$30.00		
SMALL TREES (All Bare Root) priced per bundle of 25 Trees			
American Plum	\$30.00		
Common Chokecherry	\$30.00		
Red Splendor Crab	\$30.00		
EVERGREENS priced per bundle of 25 Trees			
Black Hills Spruce	\$37.50		
Colorado Blue Spruce	\$37.50		
Ponderosa Pine	\$37.50		
American Arborvitae (White Cedar)	\$37.50		
Red Pine (Norway Pine)	\$37.50		

Trees Ordered: _____

Page Total: \$ _____

See Reverse Side for Tax.

**Conservation Grade Trees Must Be Ordered in Minimum Quantities of 25 unless otherwise noted.

2016 SALES PROGRAM ORDER FORM



Last Name: _____

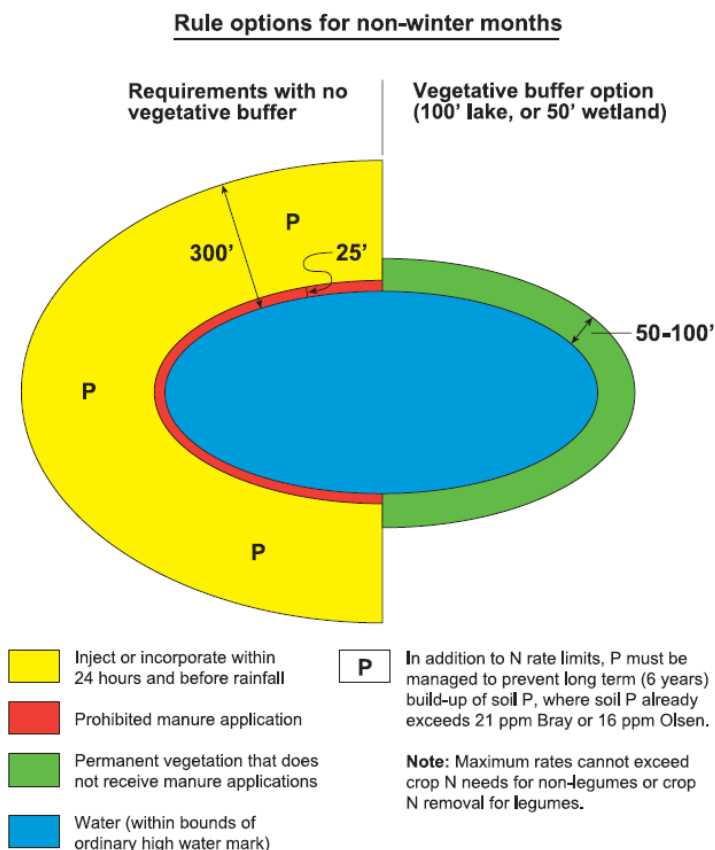
ITEM	PRICE	#ORDERED	AMOUNT
POTTED EVERGREENS <i>(other varieties of evergreens available upon request)</i>			
Black Hills Spruce	\$12.00 each		
TREE CARE (Plant Skydd Repellent)			
Plantskydd (deer/rabbit) Repellent (treats 200-300 1' seedlings) 1 lb powder	\$25.00		
Plantskydd (deer/rabbit) Repellent (treats 400-800 1' seedlings) 2.2 lb powder	\$37.00		
Plantskydd (deer/rabbit) Repellent (treats 100 1' seedlings) 1 liter premixed	\$20.00		
TREE CARE			
Tree Shelters 4' height (biodegradeable)	\$3.00		
Wood Stakes 4' height	\$0.90		
Weed Control Mats 3x3 w/ 4 staples	\$2.50		
Bulk Roll of Weed Fabric 500'	\$150.00		
Staples/1000 per box (Anchor Pins)	\$70.00		
SERVICES -- All Services have a \$75.00 one time service charge			
Custom Installed Weed Fabric (fabric included in price)	\$0.50 per foot		
Custom Tree Planting (\$100 minimum charge)	\$0.50 per tree		
Custom Mowing	<i>Call for Pricing</i>		
Custom Cultivation	<i>Call for Pricing</i>		
Custom Grass Seeding ATV	<i>Call for Pricing</i>		
Custom Grass Seeding No-till Drill	<i>Call for Pricing</i>		
EQUIPMENT RENTALS <i>(Delivery charges do apply)</i>			
Tree Planter (minimum charge of \$50.00)	\$50.00 per day		
No-Till Drill (minimum charge of \$75.00)	\$8.00 per acre		
Packer (minimum charge of \$75.00)	\$2.50 per acre		
CUSTOM GRASS SEED MIXES <i>(priced per acre)</i>			
<i>Custom mixes available upon request suited to meet program requirements. Call for a quote 320-634-532</i>			
<p>*Planning and Design service with on-site visit. (FREE) *Trees sold are for conservation purposes only. *SWCD cannot guarantee survival rate of trees. *SWCD reserves the right to substitute sizes or cancel species due to availability. *A 25% down payment is required on all orders at the time of the order. All orders after March 1st 2016 must be paid in full at the time of the order. All balances due by April 1st, 2016. Orders Cancelled after February 1st, 2016 will be charged a 25% cancellation fee. *10% Off Tree Orders sent in by December 10th, 2015.</p>		<p>Total This Side :</p> <p>Total Front Side :</p> <p>Subtotal :</p> <p>6.875% Sales Tax :</p> <p>Total Order Cost :</p> <p>Paid :</p> <p>Balance :</p>	

Pope SWCD prohibits discrimination in all their programs and activities on the basis of color, national origin, sex, religion, age, disability, and where applicable (including gender identity and expression), marital status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual's income is derived from any public assistance program.

NOTES FROM THE FEEDLOT OFFICE

MANURE MANAGEMENT

- Phosphorus management and immediate incorporation are recommended on all land that slopes toward lakes or wetlands, even if the land is more than 300 feet from the lake or wetland and even if the wetland is not considered a DNR-protected wetland.
- Avoid applying manure on land where gully erosion is not controlled.
- Avoid winter application to steep slopes if possible. Use contour tillage if winter application is planned.
- Begin manure applications on soils with lower phosphorus levels and use all available areas.
- Avoid continuous annual manure applications onto soils with phosphorus levels of more than 75 ppm Bray P1 (60 ppm Olsen) regardless of the distance to water.
- Increase soil erosion control measures as phosphorus levels increase. For example, control erosion to less than 4 tons per acre per year on fields with phosphorus levels exceeding 21 ppm Bray P1 (16 ppm Olsen).
- Inject or incorporate manure within 24 hours and prior to rainfall.
- Plant field edge vegetative filter strips.



Minimum State Requirements:

- Required phosphorus management practices for manure from all feedlots are summarized in the table below. The phosphorus levels refer to field average.
- Soil phosphorus testing is required by cropland managers when manure is applied from feedlots with 300 or more animal units (including when manure ownership is transferred).

Bray P1 (ppm) *	<22	22-75	76-150	>150
Olsen (ppm)*	<17	17-60	61-120	>120
More than 300 Feet From lakes, streams, intermittent streams, protected wetlands, or unbermed drainage ditches	No phosphorus management requirements	No phosphorus management requirements	No phosphorus management requirements unless within 300 feet of tile intakes	***Permit needed if manure is from feedlot with more than 300 au.
Less than 300 Feet From lakes, streams, intermittent streams, protected wetlands, or unbermed drainage ditches	No phosphorus management requirements	**Prevent long-term build-up of soil P.	***Prevent long-term build-up of soil P. ***Permit needed if manure is from feedlot with more than 300 au.	**Prevent long-term build up of soil P. ***Permit if needed if manure is from feedlot with more than 300 au.

Source: Minnesota Pollution Control Agency –Applying Manure in Sensitive Areas

POPE SOIL & WATER



CONSERVATION DISTRICT

1680 Franklin St North
Glenwood, MN 56334

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IMPORTANT DATES

Board Meetings are held the **third Tuesday of each month at 7am.**
The public is welcome to join us.

February Board Meeting 18th

March Board Meeting 15th

April Board Meeting 19th

May Board Meeting 17th



SWCD BOARD OF SUPERVISORS

Randy Pederson, Mike Billehus, Tom Talle, D.Gary Reents, and Keith Nygaard



SWCD STAFF

Kelly Erickson (Technician), Holly Kovarik (Manager), Nicole Zimmerman (Farmbill Technician), Jessica Oldakowski (Technician)