



Fall/Winter 2019

Volume 24, No 4

## Crops, Covers & Cows

Morton County Soil Conservation District Board Chairman, Aaron Steckler spoke at the Cover Crop Tour held at Menoken Farm on July 23, 2019.

The tour Crops, Covers & Cows was an event attended by producers from the surrounding area to learn about how all three work together, to make healthier soil.

Aaron along with Justin Zahradka, from Lawton, ND spoke to the audience about their own personal experience with their use of cover crops and cattle.

Steve Groff from Lancaster County, PA. lead the discussion on benefits of cover crops.



Morton County SCD Board Chairman  
Aaron Steckler

Steve is the founder of Cover Crop Solutions, a national cover crop seed business featuring the tillage radish and other emerging cover crops.



Steve Groff and Aaron Steckler

### INSIDE THIS ISSUE:

Equipment Rentals	2
Edible Landscapes	3
319 Danzig Dam & Hailstone Creek Tree of the Quarter	4
Tree Order Form	5 & 6
NRCS Scholarship	7
Upcoming Events	8

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### FARM BILL SPECIALIST:

ZACH COMPSON

*You can place your orders for hand plant tree sales now. The order form can be found in this newsletter or on the website [mcscd.com](http://mcscd.com)*

*CSP producers remember to work on your CSP documentation and drop it off in the office this fall.*

# Equipment Rentals



## RENTAL PRICES

Manure spreader rental—\$275 per day (3-day max)

No Till Grass Drill rental — \$10 per acre + \$50 delivery fee (min. \$100)

Tree Planting & Fabric Laying — .40 cents a foot for trees and .60 cents a foot for fabric

Four-wheeler Broadcasting — \$150 per acre + seed

Hand Plant Trees — Vary by size from \$2.00 to \$20.00

Plantskydd — Repellant for trees and garden from Deer-Rabbits-Elk-Mice-Moles

Call the office for more information at 701-667-1163 Ext. #3

If you or anyone you know would be interested in becoming a board member, come join us at a board meeting which are held the second Thursday of every month at the USDA office. If you can't make a meeting and have questions you can contact a board member, or call the office for more information.



### Board Members:

Aaron Steckler  
George Ferderer  
Richard Tokach

Rocky Bateman  
Travis Wolf  
Duane Olsen

Don Tanaka



## Sponsors

Burleigh  
County Soil  
Conservation  
District (SCD)  
and Menoken  
Farm

Morton County SCD

Natural Resources  
Conservation Service



Menoken Farm



soil Health summit:

# Edible Landscapes

**Nov. 6 and 7, 2019**

National Energy Center of Excellence  
Bismarck State College  
1200 Schafer St.  
Bismarck, North Dakota

## Day 1: URBAN agriculture Wednesday, Nov. 6

8 to 9 a.m.	Registration
9 to 9:15 a.m.	Welcome, Dr. Larry Skogen, Bismarck State College
9:15 to 9:30 a.m.	Opening, Nolan Swenson, Burleigh County SCD
9:30 to 10:15 a.m.	Jon Stika, NDSU Dickinson Research Extension Center
10:15 to 10:30 a.m.	Break
10:30 to 11:15 a.m.	Dan Kittredge, Bionutrient Food Assoc., Barre, MA
11:15 a.m. to noon	Jonathan Moser, Forager Farm, Streeter, ND
Noon to 1 p.m.	Lunch
1 to 1:45 p.m.	Raychel Santo, John Hopkins University Center for a Livable Future, Baltimore, MD
1:45 to 2:30 p.m.	Paul Greive, Primal Pastures & Pasturebird, Murrieta, CA
2:30 to 2:45 p.m.	Break
2:45 to 3:30 p.m.	Dan Kittredge
3:30 to 4 p.m.	Q&A with Nolan Swenson
4 to 5 p.m.	Social
5 to 6 p.m.	Lyle Perman, Leopold Conservation Award winner, Rock Hills Ranch, Lowry, SD

## Day 2: RURAL agriculture Thursday, Nov. 7

8 to 9 a.m.	Registration
9 to 9:15 a.m.	Welcome, Dave Bauer, Burleigh County SCD
9:15 to 9:30 a.m.	Opening, Darrell Oswald, Burleigh County SCD
9:30 to 10:15 a.m.	Chris Teachout, Shenandoah, IA
10:15 to 10:30 a.m.	Break
10:30 to 11:15 a.m.	Lana Shaw, South East Research Farm, Redvers, SK
11:15 a.m. to noon	Shanon and Melinda Sims, Sims Cattle Company, McFadden, WY
Noon to 1 p.m.	Lunch with David Bailey, Leopold Conservation Award Program
1 to 1:45 p.m.	Shanon and Melinda Sims
1:45 to 2 p.m.	Break
2 to 2:45 p.m.	Steve Tucker, Venango, NE
2:45 to 3:15 p.m.	Q&A with Darrell Oswald

*All programs, services and events of all the sponsors are offered on a non-discriminatory basis without regard to race, color, national origin, religion, sex, marital status, age or handicap. This flyer and these workshops are based upon work supported by NRCS, an equal opportunity provider and employer*

## Registration:

Adults: \$50 (includes one or both days)

Students: No charge

Registration deadline: Oct. 28

To pay by credit card, register online at  
Eventbrite at the following link:  
<https://november-edible-landscapes.eventbrite.com>

To pay by check, mail this form with check  
(made out to Burleigh County SCD) to:  
Burleigh County SCD  
916 E. Interstate Ave., #6  
Bismarck, ND 58503  
Call 701-250-4518, ext. 3, with questions

Name(s): \_\_\_\_\_

Address: \_\_\_\_\_

City, state, zip: \_\_\_\_\_

E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_



# 319 DANZIG DAM & HAILSTONE CREEK WATERSHED



The Morton County 319 Danzig Dam & Hailstone Creek Watershed Project provides technical, financial and educational assistance to agriculture producers and landowners within the watershed.

Some of the eligible Best Management Practices (BMP's) are: Pasture/Hay land Plantings, Permitted Feedlots, Partial Manure Management, Cover Crops, Water Developments and Cross-Fencing.

Through the Morton County 319 Danzig Dam and Hailstone Creek Watershed Project, producers and landowners will be provided 60% in cost-share dollars for BMP's. Involvement in the program is completely voluntary. There is over \$480,000 in funding available to producers and landowners.

If you are a producer or landowner in this area and have any questions or would be interested in participating in this project, call Chet Zapzalka at Morton County SCD, 701-667-1163 Ext. #3.

## Nannyberry (Virburnum lentago)

Nannyberry (*Virburnum lentago*) is a native tree-like shrub, found in wooded areas. Growing up to 14' tall and 12' wide, the Nannyberry has beautiful glossy leaves, which turn to a vibrant red in the Autumn. Creamy white flowers in the Spring turn into fruit clustered in drupes. The fruit is bluish-black when mature with a pulpy sweet taste. They can be eaten fresh or processed into jams and jellies. The Nannyberry is adapted to wide variety of soils, but does not do well in drought conditions. It grows best in full sun but will do well in partial shade, making an excellent choice for an understory shrub. Hardy to Zone 2, Nannyberry is an excellent choice for a shrub row in windbreak, or as a fruit producing shrub.



## 2020 Hand Plant and Replacement Tree Order Form

<b>Name:</b> _____	<b>Date:</b> _____
<b>Address:</b> _____	<b>City:</b> _____
<b>Phone Number:</b> _____	<b>Zip:</b> _____
<b>Sold by:</b> _____	

### Shrubs - Conservation Grade \$2.00

_____ Almond, Russian	_____ Currant, Golden	_____ Plum, 'Red Prairie'
_____ Buffaloberry	_____ Dogwood, Redosier	_____ Rose, Hansen Hedge
_____ Buffaloberry, Sakakawea	_____ Honeysuckle, Freedom	_____ Rose, Woods
_____ Caragana	_____ Honeysuckle, Tatarian	_____ Seaberry (Sea-Buckthorn)
_____ Cherry, Nanking	_____ Indigo, False	_____ Sumac, Aromatic
_____ Cherry, Sand	_____ Juneberry/Serviceberry	_____ Sumac, Skunkbush
_____ Chokeberry, Black	_____ Lilac, Common	_____ Sumac, Smooth
_____ Chokecherry, Common	_____ Lilac, Villosa	_____ Willow, Sandbar
_____ Chokecherry, Schubert	_____ Nannyberry	_____ Winterberry
_____ Currant, Black	_____ Plum, American	_____ Wolfberry (Silverberry)

### Deciduous Trees - Conservation Grade \$2.00

_____ Apple, Prairie Red	_____ Crabapple, 'Midwest' Man.	_____ Maple, Northern Sugar
_____ Apple, Prairie Yellow	_____ Crabapple, Red Splendor	_____ Maple, Red
_____ Apricot, Hardy	_____ Crabapple, Siberian	_____ Maple, Silver
_____ Ash, Green	_____ Elm, American	_____ Oak, Bur
_____ Aspen, Quaking	_____ Elm, Siberian	_____ Oak, Red
_____ Boxelder	_____ Hackberry, Northern	_____ Olive, Russian
_____ Buckeye, Ohio	_____ Hackberry, 'Oahe'	_____ Pear, 'McDermid' Ussurian
_____ Cherry, Black	_____ Hawthorne, 'Arnold'	_____ Poplars, Hybrid
_____ Chokecherry, Amur	_____ Hazelnut	_____ Willow, Golden
_____ Cottonwood, Native	_____ Honeylocust, Thornless	_____ Willow, Laurel
_____ Cottonwood, Silver (White Poplar)	_____ Linden, American	_____ Willow, Peachleaf
_____ Cottonwood, 'Siouxland'	_____ Linden, Little Leaf	_____ Willow, White
_____ Crabapple, 'Dolgo'	_____ Maple, Amur	

### Vines - Conservation Grade \$2.00

_____ Grape, Riverbank	_____ Woodbine
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### Conifers - Conservation Grade \$2.00

_____ Cedar, Eastern Red	_____ Pine, Scotch	_____ Spruce, Meyer
_____ Juniper, Rocky Mountain	_____ Spruce, Black Hills	_____ Spruce, Norway
_____ Pine, Ponderosa	_____ Spruce, Colorado Blue	

### Container Grown Plants \$2.50

_____ Aspen, Quaking
_____ Cedar, Eastern Red
_____ Cedar, N. White (Arborvitae)
_____ Fir, Douglas
_____ Juneberry

### Purchase in quantities of 10x only

_____ Juniper, Rocky Mountain
_____ Larch, Siberian
_____ Pine, Jack
_____ Pine, Lodgepole
_____ Pine, Ponderosa

_____ Pine, Scotch
_____ Spruce, Black Hills
_____ Spruce, Colorado Blue
_____ Spruce, Meyer

## 2020 Hand Plant and Replacement Tree Order Form

### 2-3' Trees \$3.75

<input type="checkbox"/> Ash, Green	<input type="checkbox"/> Cottonwood, Native	<input type="checkbox"/> Oak, Bur
<input type="checkbox"/> Caragana	<input type="checkbox"/> Cottonwood, 'Siouxland'	<input type="checkbox"/> Pear, McDermid Ussarian
<input type="checkbox"/> Cherry, Nanking	<input type="checkbox"/> Dogwood, Redosier	<input type="checkbox"/> Plum, American
<input type="checkbox"/> Chokecherry, Common	<input type="checkbox"/> Lilac, Common	<input type="checkbox"/> Poplars, Hybrid

### 3+' Trees \$5.75

<input type="checkbox"/> Ash, Green	<input type="checkbox"/> Cottonwood, 'Siouxland'	<input type="checkbox"/> Poplars, Hybrid
<input type="checkbox"/> Cottonwood, Native	<input type="checkbox"/> Lilac, Common	

### 1 Gallon Deciduous Pots \$10.00

<input type="checkbox"/> Ash, Green	<input type="checkbox"/> Crabapple, Dolgo	<input type="checkbox"/> Maple, Amur
<input type="checkbox"/> Cherry, Nanking	<input type="checkbox"/> Lilac, Common	

### 1 Gallon Conifer Pots \$10.00

<input type="checkbox"/> Juniper, Rocky Mountain	<input type="checkbox"/> Spruce, Black Hills	<input type="checkbox"/> Spruce, Meyer
<input type="checkbox"/> Pine, Ponderosa	<input type="checkbox"/> Spruce, Colorado Blue	<input type="checkbox"/> Spruce, Norway

### 1 Gallon Honeyberry Pots \$20.00

\*Honeyberries need cross pollination (two different varieties) to produce fruit

<input type="checkbox"/> Aurora	Mature 5-6' tall. Large fruit, tastes great, and grows fast. Early blooming variety. Best pollinator of other plants.
<input type="checkbox"/> Borealis	Mature 4-5' tall. Largest fruit of the honeyberry plants. Excellent fresh eating.
<input type="checkbox"/> Indigo	Mature 4-6' tall. Fruit has chewier texture. Very sweet berry. Higher yield than Borealis or Tundra.
<input type="checkbox"/> Tundra	Mature 5-6' tall. Lower productivity. Good for fresh eating as well as baking and excellent berry for wine.

### Also Available

<input type="checkbox"/> 4'x4' Fabric Squares	<input type="checkbox"/> 24" Tree Tube	\$2.75
<input type="checkbox"/> 6'x300' Fabric Roll	<input type="checkbox"/> 36" Tree Tube	\$3.75
<input type="checkbox"/> 6'x500' Fabric Roll	<input type="checkbox"/> 60" Tree Tube	\$5.25
	<input type="checkbox"/> 60" Tubex & Stake	\$7.75
<input type="checkbox"/> Staples		

\*Please note this form is for hand plant and replacement trees only. If you would like to plan a machine planting please contact our office at 701-667-1163 ext. 3.

\*Please don't send payment with order form, a bill will be sent to you for a down payment! Thank You!

Required for all tree orders (Sales Tax Purpose)

**Farmer** (tax-exempt) \_\_\_\_\_

**Non-Farmer** \_\_\_\_\_

**Signature** \_\_\_\_\_

For more information visit our website  
[www.mcscd.com](http://www.mcscd.com)

**Please return to:** Morton County SCD  
2540 Overlook Lane  
Mandan, ND 58554

**Return by November 15, 2019**



# EQIP Planning For 2020



The Morton County NRCS office is working with the Environmental Quality Incentive Program (EQIP) and is excited to initiate the planning first method this upcoming planning season. The “Planning First” method allows the producer to gain a better understanding of what is happening on their land, use the tools and expertise that NRCS can provide for their operation to make reasonable planning decisions and create a conservation plan that suites the needs of not only the producer, but the land for the generations to come. Please note that the planning process should start a year prior to installing conservation practices as we are planning for the 2020 funding pools. If you are interested in visiting with NRCS about how conservation can benefit your operation, please contact us at the Morton County USDA-NRCS office at 701-667-1163 Ex. 3 or stop by at any time and someone should be available to assist you.



## SCHOLARSHIP



The Morton County Soil Conservation District has established a scholarship opportunity for high school seniors and/or college students that are residents of Morton County, North Dakota. The applicant(s) must intend to or currently be pursuing a degree in an agricultural/natural resource management/environmental or related field at a two or four year accredited college or university. Multiple scholarships, each totaling up to \$500, may be awarded.

Interested applicants are required to complete the application form and compose an essay of no more than 500 words on **one** of the topics chosen by the Morton County SCD. These topics can be found on our webpage at [mcsd.com](http://mcsd.com). Applicants will need to maintain at least a 2.5 GPA and be a full time student. The scholarship award will be paid directly to the recipient after the Morton County SCD Board receives the previous semester transcript.

Applications and essays must be postmarked no later than **February 3rd, 2020**. Essays will be judged by the Morton County SCD Board and staff and the winner will be notified no later than March 13th, 2020. Application and topic information can be found on our website at [mcsd.com](http://mcsd.com).

Would you like to save the clutter in your mailbox? We can email you our newsletter, call the office with your email or send an email to [Valerie.Frohlich@usda.gov](mailto:Valerie.Frohlich@usda.gov)

- Baby robins eat 14 feet of earthworms every day
- A cow on a dairy farm drinks as much as 50 gallons of water daily
- Sea Otters hold hands while sleeping so they don't drift apart

Morton County Soil Conservation District  
2540 Overlook Lane  
Mandan, ND 58554-1593  
  
www.mcscd.com  
Phone: 701-667-1163 ext. 3

***RETURN SERVICE REQUESTED***

**Non-Profit Organization**  
**U.S. POSTAGE**  
**PAID**  
**BISMARCK, ND**  
**Permit No. 433**

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*All Programs and Services of the Soil Conservation District are offered on a nondiscriminatory basis without regard to race, color, national origin, religion, sex, marital status, age, or handicap.*

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## Sponsors

**The Morton County Soil Conservation District would like to thank the following sponsors:**

Agassiz Seed & Supply—Mandan  
Flasher Community Credit Union—Flasher  
Gartner Seed Farm—Mandan  
Western Cooperative Credit Union—Hebron  
Farm Credit Services of Mandan  
Chesak Seed House—Bismarck  
K2S Engineering Inc.—Ypsilanti  
PJ's Farm Supply — Flasher  
Opp Well Drilling & Supplies, Inc.-Glen Ullin  
Rud's Mobil — New Salem  
Duppong's Inc. — Glen Ullin  
Titan Machinery — Mandan  
Butler Machinery Company—Mandan

## Upcoming Events

### October

10th — SCD Board Meeting @ USDA Service Center  
14th — Office Closed—Columbus Day

### November

6th & 7th—Soil Health Summit @ BSC  
11th — Office Closed—Veteran's Day  
14th — SCD Board Meeting @ USDA Service Center  
24th-26th - NDASCD Convention-Ramkota, Bismarck  
28th — Office Closed—Thanksgiving Day

### December

12th — SCD Board Meeting @ USDA Service Center  
25th — Office Closed — Christmas Day

**Essentially, all life depends upon the soil...  
There can be no life without soil and no soil  
without life, they have evolved together.**

**Charles Kellogg**