



Newsletter

October 2024

Fall Newsletter

Brown County Conservation District: 524 Enterprise St S, Suite 300, Aberdeen, SD 57401
Tree Shed: 3131 8th Ave NE, Aberdeen, SD 57401
Office: (605) 226-3360 ext 3 Cell: (605) 290-3596

2025 Tree Planning is Underway



Are you interested in having trees planted next spring? Contact us to assist you with putting a plan together. If you are you having trees planted next spring, please have your machine plant tree sites tilled and ready. All tree sites should be tilled in the fall and then again in the spring for best planting conditions! Sites should be tilled 8 to 12 inches deep and 8 feet wide!



Now is the time to water your trees and shrubs to improve winter survival. This will help to prevent desiccation injury in the spring.

Why are the Different Components of Tree Planting Important?

- Fall and spring tilling loosens the soil and works in organic material. This is important for root growth and lessening the chance of air pockets that dry out roots. Loosening the soil also helps to cover the sides of the weed barrier fabric when that is applied. Covering the sides of the fabric helps to hold it tight.
- Weed barrier fabric is used to help control weed growth that can compete with the trees for moisture and nutrients. It is also great to help maintain moisture.
- Tree protector tubes guard the trees from wildlife and it creates a greenhouse effect for the tree to help them grow.

NRCS Announces Application Date for Fiscal Year 2025 EQIP and CSP Funding

The Aberdeen NRCS office would like everyone to know that SD NRCS announced late last week that **November 1st, 2024** as the application deadline for 2025 EQIP and CSP funding. Applications received after November 1st maybe reviewed during a possible second batching date or will be held until fiscal year 2026.

EQIP is a voluntary program that offers financial and technical assistance to eligible participants to install or implement structural and management practices on eligible agricultural land.

CSP is also a voluntary program implemented across a producer's operation including cropland, rangeland, associated agricultural land, farmstead, and forestland. CSP is an excellent way to help producers build on their existing conservation efforts as well as strengthen their operation.

Now is the best time to start the conservation planning process. Having a conservation plan ready will help you be prepared for the increase funding opportunities that are offered through EQIP and CSP through this batching period. Conservation plans are program neutral and can be implemented with any of these funding opportunities in FY25. Don't wait until the batching deadline to start the conservation planning process!



Please call (605) 226-3360 x3 for more information.

The Brown County FSA would like to remind everyone to turn in their CRP cost share receipts.

Pine Wilt Disease

John Ball, Professor, SDSU Extension Forestry Specialist & South Dakota Department of Agriculture and Natural Resources Forest Health Specialist



The confirmation of the disease requires a sample so we can extract and identify the specific nematode, the pinewood nematode (*Bursaphelenchus xylophilus*). But I am already receiving pictures of Scotch pines (*Pinus sylvestris*) trees that "suddenly" are having the needles turn tan or yellow. These symptoms are starting at the tops of the trees or the outer edges of the canopies and did not appear until late July.

These affected trees were infected this spring. Sawyer beetles (*Monochamus*) carry the nematode from its now dead host to a healthy pine. The nematode and its associates proliferate in the new tree. The resin ducts no longer release sap – so the wood is not sticky. The tracheid that carry water become blocked. Usually by October, the tree that was infected in the spring is dead.

So, there is nothing I can suggest to these alarmed tree owners when they send in pictures of yellowing Scotch pines. The only thing they can do is remove the dead tree before April 1 of next year to prevent the sawyer beetles from carrying the nematodes to a new host.

There are preventative treatments to protect healthy pines. Abamectin can be injected every two years to reduce the likelihood of infections. It is not highly effective, perhaps 60% to 80% of treated trees have a survival rate of ten year or more. At least this has been the South Dakota experience for applicators.

Pine wilt disease affects only Scotch pines – its most common host – Austrian pine (*Pinus nigra*) and larger (usually more than 10 feet tall) mugo pines (*Pinus mugo*). Pines native to the US are very tolerant of the disease.

2025 Hand Plant Order Form

Prices Subject to Change

Brown County Conservation District
Office: 524 Enterprise St S, Suite 300
Aberdeen, SD 57401
Tree Shed: 3131 8th Ave NE
Aberdeen, SD 57401



Office: 605-226-3360 x 3
Cell: 605-290-3596

Name: _____ Date: _____

Address: _____

City, State, ZIP: _____

Phone: _____ Cell: _____

Email: BrownCD@sdconservation.net

Email: _____

*****Tree Stock and Pricing are not Guaranteed by the District for 2025*****

Shrubs - Conservation Size (3'-6' spacing) (25 per Bundle)	# Ordered	Price per Tree	Tall Trees - Conservation Size (8'-12' Spacing) (25 per Bundle)	# Ordered	Price per Tree	Conifers (6' -18' Spacing) (Mature Height 20' • 60')	# Ordered	Tree HT	Price per Tree
Almond, Russian		\$3.00	Aspen, Quaking		\$3.00	Cedar, Eastern Red*		8-15"	\$3.25
Aronia, Black		3.00	Birch, River		3.00	Juniper, Rocky Mountain* (Silver Cedar)		8-15"	3.25
Buffaloberry		3.00	Cherry, Black		3.00	Pine, Ponderosa*		6-15"	3.25
Caragana		3.00	Cottonwood, Native		3.00	Pine, Scotch*		6-15"	3.25
Cherry, Nanking		3.00	Cottonwood, Siouland (Cottonless)		3.00	Spruce, Black Hills*		6-12"	3.25
Chokecherry, Common		3.00	Hackberry		3.00	Spruce, Colorado Blue*		6-12"	3.25
Chokecherry, Schubert		3.00	Hawthorn, Homestead		3.00	Potted Conifers			
Cotoneaster, Centennial		3.00	Honeylocust, Thornless		3.00	Cedar, Eastern Red - 1 Gal		15-18"	25.00
Cranberry, American Highbush		3.00	Kentucky Coffee		3.00	Pine, Ponderosa - 1 Gal		15-18"	25.00
Cranberrybush		3.00	Linden, American		3.00	Pine, Ponderosa - 3 Gal		24-30"	35.00
Currant, Golden		3.00	Linden, Little Leaf		3.00	Spruce, Black Hills - 1 Gal		15-18"	25.00
Dogwood, Redosier		3.00	Maple, Silver		3.00	Spruce, Black Hills - 3 Gal		24-30"	35.00
Elderberry, Common		3.00	Oak, Bur		3.00	Spruce, Colorado Blue - 1 Gal		15-18"	25.00
Hazelnut, American		3.00	Oak, Swamp White		3.00	Spruce, Colorado Blue - 3 Gal		24-30"	35.00
Indigo, False		3.00	Oak, Red		3.00	Spruce, Meyer - 3 Gal		24-30"	35.00
Lilac, Common		3.00	Poplar, White		3.00				
Nannyberry		3.00	Walnut, Black		3.00	TALL BAREROOT	# Ordered	Tree HT	Price per Tree
Plum, American		3.00	Willow, Golden		3.00				
Sumac, Smooth		3.00	Willow, Laurel Leaf		3.00	Aspen, Quaking TALL		2-3'	\$5.00
Willow, Flame		3.00	Specialty Fruit/Yard Trees	# Ordered	Price per Tree	Birch, Paper TALL		2-3'	5.00
Willow, Sandbar		3.00				Cottonwood, Native TALL		3-4'	5.00
Small to Midsize Conservation Size (6'-12' spacing)(25 per bundle)	# Ordered	Price per Tree	Apple, Connell Red		\$50.00	Cottonwood, Siouland TALL		3-5'	5.00
			Apple, Haralred		50.00	Dogwood, Redosier TALL		3-4'	5.00
Apricot		\$3.00	Apple, Honeycrisp		50.00	Lilac, Common TALL		2-3'	5.00
Buckeye, Ohio		3.00	Apple, Sweet Sixteen		50.00	Linden, American TALL		3-4'	5.00
Chokecherry, Amur		3.00	Sweet Cherry Pie		50.00	Maple, Amur TALL		3'+	5.00
Crabapple, Red Splendor		3.00	Peach, Contender		50.00	Maple, Silver TALL		3-4'	5.00
Crabapple, Midwest		3.00	Pear, Luscious		50.00	Oak, Bur TALL		2-3'	5.00
Honeysuckle, Freedom		3.00	Pear, Patten		50.00	Fabric Staples			
Maple, Amur		3.00	Pear, Summercrisp		50.00	10x2 8 ga			\$0.27 ea
Olive, Russian		3.00	Plum, Black Ice		50.00	8x2 8 ga	Box of 500: \$100		\$0.22 ea
Pear, McDermand		3.00	Plum, Superior		50.00	Weed Barrier Fabric			Per Roll
Plum, Prairie Red		3.00	Plum, Waneta		50.00	3'x300'	\$0.32/foot		\$80.00
			Birch, Parkland Pillar 5'		50.00	4'x300'	\$0.42/foot		\$110.00
			Cherry, Canada Red Select 5'		50.00	6'x500'	\$0.43/foot		\$200.00
			Elm, Prairie Expedition Wh 6'		50.00	Tree Rings			Per Ring
			Hydrangea, Berry White Tree		50.00	36" Rubber Tree Ring			\$25.00
			Lilac, Ivory Silk Japanese 5'		50.00	Tree Protector Tubes			Per Tube
			Linden, Greenspire 5'		50.00	58" Tube			\$4.34
			Linden, Harvest Gold 5'		50.00	58" Tube System (Tube, Stake, Tie)			\$8.50
			Maple, Celebration 5'		50.00				
			Maple, Fall Fiesta 5'		50.00				
			Maple, Hotwings 5'		50.00				
			Maple, Sienna Glen 5'		50.00				
			Oak, Northern Pin 5'		50.00				

Office Use Only

Pick - Up Date: _____

Sub Total: _____

Tax (6.2%): _____

Total: _____

Cash: **Check Number:** _____

Bundles of 25 of the same species of conservation size Deciduous Shrubs & Trees are available for \$70.00.

Bundles of 25 of the same species of Conifers* are available for \$75.00.

All Orders Over \$250 Need to Have a Deposit of 50%



Our tree planting crew this year was Loren, Kaden, Cael, and Trinity. When it came to laying fabric and placing tree protector tubes, Charlie, Zac, and Gabe joined the crew.

2024 By the Numbers

- 184,543 feet or 34.95 miles of trees planted
- 179,458 feet or 33.99 miles of fabric laid
- 3167 tree protector tubes were installed
- 1415 acres seeded (so far)
- 438 acres of rental drills (so far)

Conservation District Services

- **Full Service Machine Planting of Shelterbelts/Windbreaks**
\$0.60 per linear foot
\$600.00 minimum
- **Machine Laid Fabric for Weed Control**
\$0.95 per linear foot
\$600.00 minimum
- **Tree Protector Tube System**
\$8.50 per system (tube, stake, ties)
\$10.50 per system installed



- **Full Service Seeding**
\$30.00/ac for CRP
\$27.00/ac for Custom
\$38.00/ac for WRP
\$200.00 minimum
\$100.00 delivery
\$50.00 Site charge if sites are more than 10 miles apart
Ask about our out of county seeding.
- **15 Foot JD Rental Drill (2)**
\$15.00/ac
\$150.00 minimum
\$100.00 delivery
- **Full Service Mowing/Clipping**
\$175.00/hour for the first 10 hours
\$125.00/each additional hour
\$175.00 minimum
\$100.00 delivery
- **Seed Sales**

Thank you to all our 2024 customers for another successful year. We greatly appreciate your continued patronage and excellent care of your tree and grass plantings.

We look forward to doing business with you in 2025!

Thank you



BCCD Supervisors

Terri Traxinger,
Vice Chairman,
Scott Sperry,
Chairman,
Mitch McCranie,
Judy Skoglund,
Randy Weidebush

“Out of the long list of nature’s gifts to man, none is perhaps so utterly essential to human life as soil.”

-Hugh Hammond Bennett

Treatments to Begin Now

As recommended by Dr. John Ball, SDSU

More helpful information can be found here:
<https://extension.sdstate.edu/tree-pest-alert>

- Mulching ornamental trees to keep soil warmer longer into fall and also keep winter soil temps from dropping too low that can kill tree roots.
- Treatment for Pine Wilt disease is cutting down the tree and burning the wood. **DO NOT PILE IT!** Pine Wilt disease only attacks the exotic pines. Our ponderosa pines are tolerant of the disease while Scotch and Austrian Pines are highly susceptible to the infection.
- Raking of any infested fallen apple fruit under your trees. This will help prevent apples diseases next spring with the codling moth. Insecticidal sprays can be applied in the spring as the apples are beginning to form. Do not spray while the trees are in bloom.



- The spruce spider mite is a cool season mite, so it is not active nor effectively treated during hot weather. However, the time is within the next few weeks. The mites cause the damage in spring or fall but we see the bronzing and needle loss in the summer. Commercial applicators do the best job of managing the mites. Miticides containing Bifenazate or Acephate as the active ingredients are the most often used.
- A great way to get a jump start on broadleaf weeds is to have Casoron applied in the winter. Casoron is a granular chemical that is applied when the ground is froze. It helps control weeds like dandelions, thistle and kochia in the upcoming growing season for your tree belts –young and old.
- Once leaves have dropped, choose a nice fall day to check on your fabric in your plantings. A sharp hay knife will split the fabric easily by the trunks of the trees. Girdling WILL kill the tree as roots starve. The fabric has done its job once the trees have canopied.



New website helps consumers connect with local producers

PIERRE, SD – It's no secret that consumers are hungry for safe, healthy, sustainable, locally grown food. South Dakota's small scale and urban producers are stepping up to the plate by learning how to improve their land, their environment, and their communities while producing nutritious food. Now the South Dakota Soil Health Coalition and its partners have launched a new website to help local producers and consumers find each other.

The South Dakota Fresh Connect website (www.sdfreshconnect.com) allows producers and farmers markets to create free accounts and public profiles to list their available products on a map. Consumers, restaurants, markets, and other organizations can also create free accounts to locate the nearest sources for the goods they need and directly contact the producers. Users can narrow their searches by location and specific products.

"South Dakota Fresh Connect is the ultimate platform for connecting South Dakota consumers with our local, farm-fresh produce," said SDSHC Soil Health Technician Chris Goldade, who also owns and operates Flat Rock Farms near Westport, SD. "The detailed farm profile allows us to showcase our unique growing practices and the quality of our offerings. With free search capabilities, anyone can easily find our contact information and discover the freshest, healthiest food available. By using Fresh Connect, we can introduce new, exciting products to our local residents and support a thriving local food economy."

The website will also list resources and educational opportunities to help small scale and urban farmers improve their soil, drought resilience, and operational sustainability.

SDSHC is able to provide the South Dakota Fresh Connect website with assistance from the U.S. Department of Agriculture Natural Resources Conservation Service through the Intensifying Soil Health Knowledge and Implementation of Urban Agriculture Project.

To learn more about the website and create a free account, visit www.sdfreshconnect.com. To learn more about the South Dakota Soil Health Coalition and its mission to improve the state's soils and communities, visit www.sdsoilhealthcoalition.org or contact the Coalition at sdsoilhealth@gmail.com or 605-280-4190.



Brown County Conservation District
 524 Enterprise Street South Suite 300
 Aberdeen, SD 57401

To receive this newsletter as an email, please email browncd@sdconservation.net



District Board of Supervisors

- Scott Sperry, Chairman
- Terri Traxinger, Vice Chairman
- Judy Skoglund, Supervisor
- Randy Wiedebush, Supervisor
- Mitch McCranie, Supervisor
- Dana Dennert, Advisor
- Justin North, Advisor
- Brandon Stanley, Advisor
- Allen Ryckman, Advisor

District Employees

- David Dutenhoffer, Technician
- Lori Stevens, Office Manager

NRCS Employees

- Valeree DeVine, Resource Unit Conservationist
- Jaime Rindels, District Conservationist
- Harlie Malpert, Natural Resource Specialist
- Tyler Stadel, Natural Resource Specialist
- Andrew Payma, Compliance Specialist
- Jakob Pettit, Easement Support Specialist
- Renee Galbraith, Program Support Specialist
- Cody Rolfes, Pheasants Forever Farm Bill Biologist
- Tami Rath, Secretary, Leading Solutions

Board meetings are held the second Thursday of the month as needed.

Want to plant trees in 2025?

Please contact the District if you plan to plant trees in 2025. Stop by the BCCD office in Aberdeen or call for more information!

**Brown County
 Conservation District
 Office (605) 226-3360 Ext. 3**

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