



Common Mullein

POISONOUS PLANTS ... LOOK OUT !!

Hundreds of plants are poisonous to livestock. Many are toxic at all times, whereas others are toxic only under certain conditions. Livestock producers are urged to become familiar with the plants on their ranges and pastures that are potentially dangerous to their livestock. Proper diagnosis of livestock poisoning is essential. However under range conditions, diagnosis can be difficult. To protect your animals from poisoning do the following:

- Learn to identify the poisonous plants that grow on your range.
- Learn the conditions under which these plants can be dangerous.
- Develop a grazing plan to improve your range and prevent poisoning.
- Do not allow animals that have been under stress or that are overly hungry to graze in areas infested with poisonous plants.
- Provide adequate water for livestock.
- Be especially careful when grazing newly acquired livestock on your range.
- Control poisonous plants where feasible.
- If your animals get sick, consult your local veterinarian to ensure

proper diagnosis and treatment.

- Many poisonous plants can function as useful forage.

Poisoning occurs when conditions develop that allow, or cause the animal to eat too much too fast.

For additional information on poisonous plants, contact—
USDA-ARS Poisonous Plant Research Lab.
<http://www.ars.usda.gov/npa/logan/pprl>

1029 NORTH RIVER STREET, HOT SPRINGS, SD 57747

Fall River County Weed & Pest Newsletter

Time to Work On...Prairie Dog Invasions

Fall is the traditional time to start chasing prairie dogs in well established towns and finding those new holes that are just beginning. If you don't do something NOW, your battle will only be greater next spring.

Here are FOUR proven methods of decreasing the prairie dog population:

- **Zinc Phosphide
Prairie Dog Bait**
(Poison Oats)
- **Fumitoxin Pellet**
- **Rozol /Keput**
- **PERC** (Pressurized exhaust –carbon monoxide)

Each has its own application period, cost per acre, effort of application and restriction. All applicators should read the full label of the product before applying. If you would like more information about any of the methods in more detail or where to purchase products, contact your local Weed & Pest Office.

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2016 Board Members

- Jerry Wyatt—President
- John Sides—Vice-President
- Nina Steinmetz—Secretary
- Joe Falkenburg—Co. Commissioner Rep.
- Heath Greenough
- Wayne Hageman
- Bob Novotny

TOP Fall River County Poisonous PLANTS



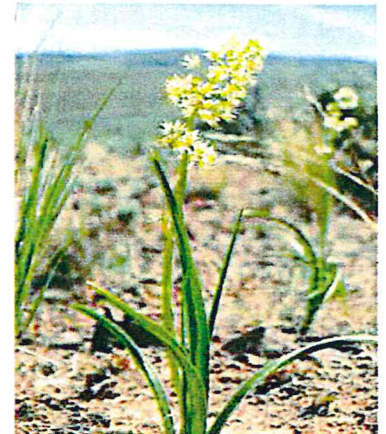
White Horehound
Mint



Poison Hemlock



Kochia



Death Camas



Two-grooved milkvetch

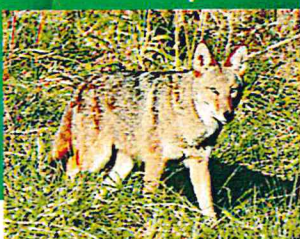


Houndstongue



Locoweed

Fall River County
Weed & Pest Newsletter



M-44 Training Certification for Commercial and Private Applicators

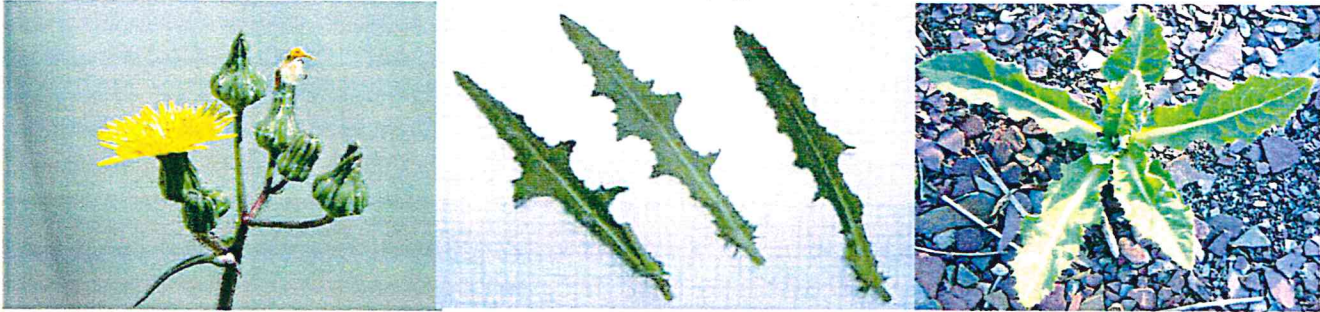
Coyotes taking down more than their share of your livestock or other wildlife?

There will be a M-44 recertification meeting December 6, 2016 9:00 a.m. - 4:00 p.m. in Spearfish, SD at the Holiday Inn Spearfish Convention Center. Please RSVP to Bryan Tipton by December 5th Bryan.tipton@state.sd.us or 605-773-4432.

Agenda will be introduction and basic information on coyotes, the M-44 and Sodium Cyanide including a hands on use of the M-44 placement, signing, and removing the device. There will be a certification test for new applicators.

Look CLOSE... there is a Difference— Native or Invasive Thistles

Perennial Sow Thistle—*Invasive*—noxious statewide—Creeping perennial



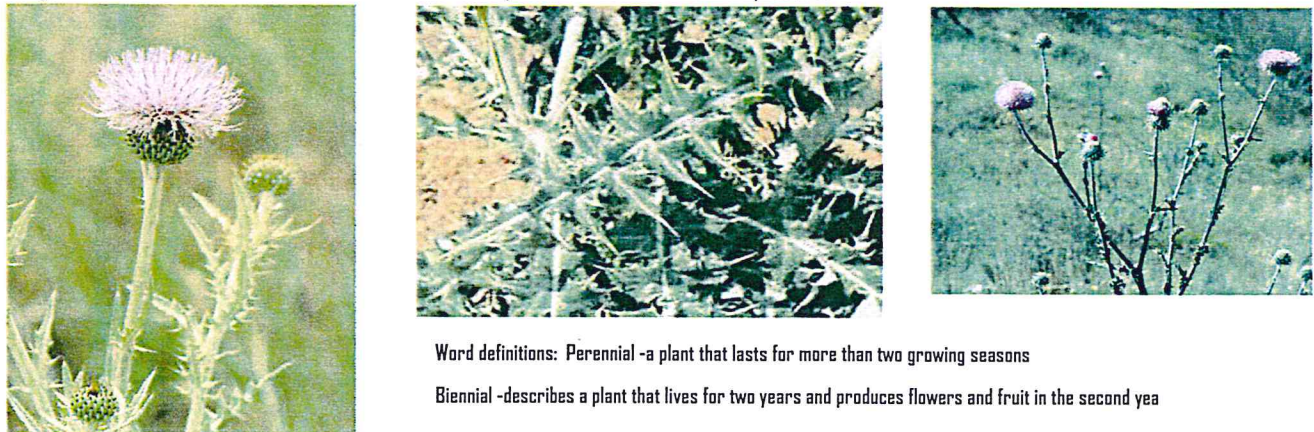
Canada Thistle —*Invasive*—noxious statewide—Creeping perennial



Flodman 's Thistle —*Native*— statewide—perennial (sometimes biennial)

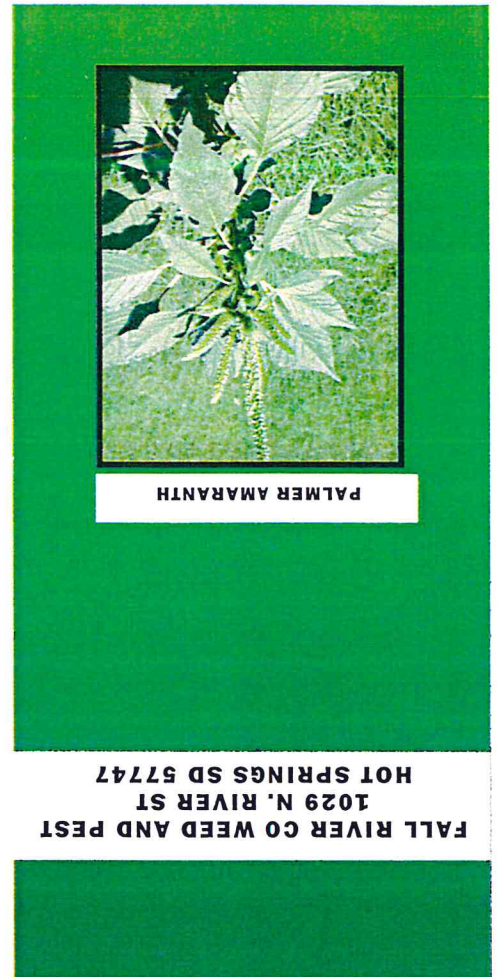


Wavyleaf Thistle —*Native*— statewide—taprooted biennial or short-lived perennial



Word definitions: Perennial -a plant that lasts for more than two growing seasons

Biennial -describes a plant that lives for two years and produces flowers and fruit in the second year



EDRR—Early Detection Rapid Response Be on the LOOK Out For: **White Horehound Mint**

Keep your eyes open for this invasive weed! Early Detection Rapid Response is the only way to prevent these invaders from damaging our natural habitats. Working together landowners and agencies can remove these invaders from our natural areas.

If you see a plant you are not sure of or where it came from, collect a sample; stem, leaves, and if possible, roots, place in a bag or zip lock bag and drop it off at your local Weed and Pest Office. After the plant has been identified the next step if needed is to find the best method of control. With the moisture early this fall many native wild flowers were brought in for identification. Also many invasive weeds normally seen in the forest area started to grow in the prairie areas.

White Horehound Mint is spreading throughout Fall River County right-of-way ditches, pastures, and around homestead buildings. It is not on our locally noxious list but should be controlled if found. Horehound contains a bitter alkaloid which makes it unpalatable for grazing livestock. The burrs also contaminate wool and hair. Meat of animals which are forced to eat horehound is tainted by the plants strong flavor and it takes about seven grazing days of clean pasture for animals to lose this.

Management: Prescribed measures for the control are an application of a registered herbicide with metsulfuron. Cultivation by pulling is possible but regrowth may occur from leftover root systems.



October 2016



FALL RIVER CONSERVATION DISTRICT

Fall Newsletter

Plan now for 2017 Trees

It may seem early, but now is the time to plan for next year's trees. Ordering early helps ensure that you will be able to get the varieties and quantities that you would like to plant. The 2017 tree and shrub order form is included in this newsletter, and we have copies at the office as well. *The order form can be found online at sdconservation.org.* Search "Fall River" and that will take you to our page that has a link to the order form. Call the office at 745-5716 Ext. 121 if you need any assistance with this.



If you have an existing shelter belt with weed barrier fabric, make sure to check that weather has not pulled the fabric loose from the staples. Also, on older plantings, check that the trunk bases are not being girdled by the fabric. This can cause the trees or shrubs to die.

2017 Resource Conservation Speech Contest

Contestants in the 2017 state finals of the Resource Conservation Speech Contest will be eligible to win a total of \$2,300 in college scholarships.

All South Dakota students in grades 9-12 are eligible to compete.

Scholarships are awarded to the top three state finalists: first place is \$1,100; second place is \$750; and third place is \$450.

The theme for the 2017 contest is "**Soil Health: What Will You Leave?**"

Local entries need to be submitted to our office by March 1, 2017, with the local contest held March 14, 2017 in the conference room of the USDA service center. Call Peggy at 745-5716 ext 121 or stop by the office for an entry form.

Board of Supervisors

John Sides, Chairman

Mark Keffeler

Ann Abbott

Wanda Brown

Archie Collins

Jerry Stearns, Advisor

Conservation Office:

- Brad Humbracht, NRCS, District Conservationist
- Deanna Keizer, NRCS, Soil Conservationist
- Brenda Brown, NRCS, Soil Conservation Technician
- Peggy Koupal, District Employee



**FALL RIVER CONSERVATION
DISTRICT**

**341 South Chicago Street
Hot Springs SD, 57747**

**605-745-5716
Ext. 121**

Clean, Clear, Conservation

[Sdconservation.org]

ARBOR DAY POSTER CONTEST

All South Dakota 5th grade students are eligible to enter the 2017 South Dakota Arbor Day Poster Contest. The theme for this year's contest is "*Trees are Terrific...In All Shapes and Sizes*". State prizes include a first place \$100 cash prize, \$75 for 2nd place and \$50 for 3rd place. The winning student's teacher will receive \$100 for supplies for the classroom. The top 12 posters will be featured in the annual SD Arbor Day Poster Contest Calendar, which is distributed to every 5th grade class in South Dakota. Posters must be submitted prior to March 24, 2017. For rules and more information, stop by the office or <http://sdda.sd.gov/conservation-forestry>.

SD Envirothon

Envirothon is a natural resource/environment program for high school students that focuses on areas of soil/land use, aquatic ecology, forestry, wildlife and a current environmental issue that changes each year.

Envirothon has been in SD since approximately 2012, and now has a full-time coordinator in Kim Smeenck of Newell.

Envirothon creates a connection for young people from their classroom studies to real life experiences in their environment. This will hopefully create better stewards of the environment for years to come.

Student teams are made up of five students from the same high school, FFA, home school association, or 4H group. There can be more than one team if there are enough members interested. A "toolbox" of materials is being created to be used by the advisor or teacher to help the team study throughout the year. There are also plans to have some seminars on both sides of the state if there is enough interest. Studies will culminate with a spring competition where each team of 5 will test in the five given areas. From there, a national contest will be held in July at Mount St. Mary's University in Emmitsburg, Maryland.

If you are interested, or know of a teacher, student, 4H leader or home school group that would be interested in starting an Envirothon team, please contact Kim at 605-892-5633 or kim.envirothon.sd@gmail.com

If you are interested in learning more about Envirothon, check out www.envirothon.org or www.sdenvirothon.org. If you would like to volunteer or help support a team financially, please give Kim a call.

2017 Tree Order Form Fall River Conservation District

341 S. Chicago St,
Hot Springs, SD 57747
(605) 745-5716; ext.121

Name: _____		Date: _____	
Address: _____			
City, State, Zip: _____		Phone: _____	
Total Trees \$ _____		Total Supplies \$ _____	
Subtotal \$ _____		Tax 6% _____	
Total Due \$ _____		Check #: _____	

- Medium and Tall Trees (12"-16")**
- ___ Aspen, Quaking
 - ___ Cottonwood-Seedless
 - ___ Cottonwood-Native
 - ___ Crabapple, Midwest
 - ___ Crabapple, "Red Splendor"
 - ___ Elm, Siberian
 - ___ Hackberry, Oahe
 - ___ Harbin Pear, McDermand
 - ___ Honeylocust
 - ___ Maple, Silver
 - ___ Oak, Bur
 - ___ Russian Olive

Tree planting and weed barrier fabric installation available. Contact the office for details.

- 3' - 5' Trees \$8**
- ___ Aspen, Quaking 2'-3'
 - ___ Birch, Paper 3'-4'
 - ___ Chokecherry, Schubert 3'-4'
 - ___ Crabapple 'Red Splendor' 3'-4'
 - ___ Hackberry 2'-3'
 - ___ Honeylocust 3'-4'
 - ___ Linden, American 3'-4'
 - ___ Linden, Little Leaf 3'-4'
 - ___ Maple, Freeman 3'-4'
 - ___ Maple, Silver 4'-5'
 - ___ Oak, Bur 3'-4'

Prices:
Trees/Shrubs are \$3.00 ea.
or \$50 for a Bundle of 25
(same species)
Or otherwise noted.
While quantities last.

Replacement Trees \$1.50*
(12"-16")
****must be within 2 years of
original machine plant date****

- Shrubs (12"-16")**
- ___ Common Chokecherry
 - ___ Buffaloberry
 - ___ Caragana, Peashrub
 - ___ Cherry, Nanking
 - ___ Chokecherry, Schubert
 - ___ Cotoneaster, Peking
 - ___ Currant, Black
 - ___ Dogwood, Redtwig
 - ___ Juneberry, Serviceberry
 - ___ Lilac, Common Purple
 - ___ Lilac, White
 - ___ Plum
 - ___ Rose, "Hansen Hedge"
 - ___ Sandcherry, Western
 - ___ Viburnum, Nannyberry

- ___ Bundles @ \$50= _____
- ___ Trees/Shrubs @ \$3.00= _____
- ___ Trees @ \$8= _____
- ___ Trees @ \$25= _____

- Conifers (12"-16")**
- ___ Eastern Red Cedar
 - ___ Rocky Mt. Juniper
 - ___ Ponderosa Pine
 - ___ Black Hills Spruce
 - ___ CO Blue Spruce
 - ___ Meyer Spruce

- Fruit Trees \$25.-ea**
Approximately 5' tall
- ___ Apple, Cortland~zone 3;
Excellent Pollinator. Crisp, white flesh.
 - ___ Apple, Liberty~zone 4;
Self fertile. Highly disease resistant.
 - ___ Apple, Golden Delicious~
zone 4; Self Fertile. Great all-purpose
variety.
 - ___ Apple, Wealthy~ zone 4;
very hardy, keeps well in storage.
 - ___ Plum, Italian~ zone 4;
Self Fertile; large, dark, purple fruit-
good for canning & drying.

- Tree Packs \$50.-ea pack (25 trees, 5 of each)**
- ___ **Grandma's Jam Pack** (Mongolian Cherry, Chokecherry, Black Currant, American Plum & Nanking Cherry)
 - ___ **Tough as Nails Pack** (Buffalo berry, Hansen Hedge Rose, Bur Oak, Honey locust, Russian Olive)

Fall River Conservation District
341 South Chicago Street
Hot Springs, SD 57747



Clean. Clear. Conservation.

**Full Payment is expected at the time order is placed.*
The trees come in at the end of April. The District will call you when they are ready to pick-up.

The District is NOT responsible for any & all trees once they leave the District possession; nor for the condition of the tree stock if they are not picked up from tree cooler within an allotted time; and are not responsible for the replanting of the trees.

_____ Fabric 6'x500' roll \$150 or \$0.30 per ft.
_____ Staples 500 per box \$80 or \$0.16 each
_____ Tree Crystals 1lb bag \$9.00 (100 trees)
_____ Tree Crystals 1/2 lb bag \$5.00 (50 trees)

Plantskydd Deer Repellent
_____ 1 quart liquid spray \$20.00
_____ 1.32 gallon premix \$55.00
_____ 1 lb box \$24.95
_____ 2 lb box \$39.95