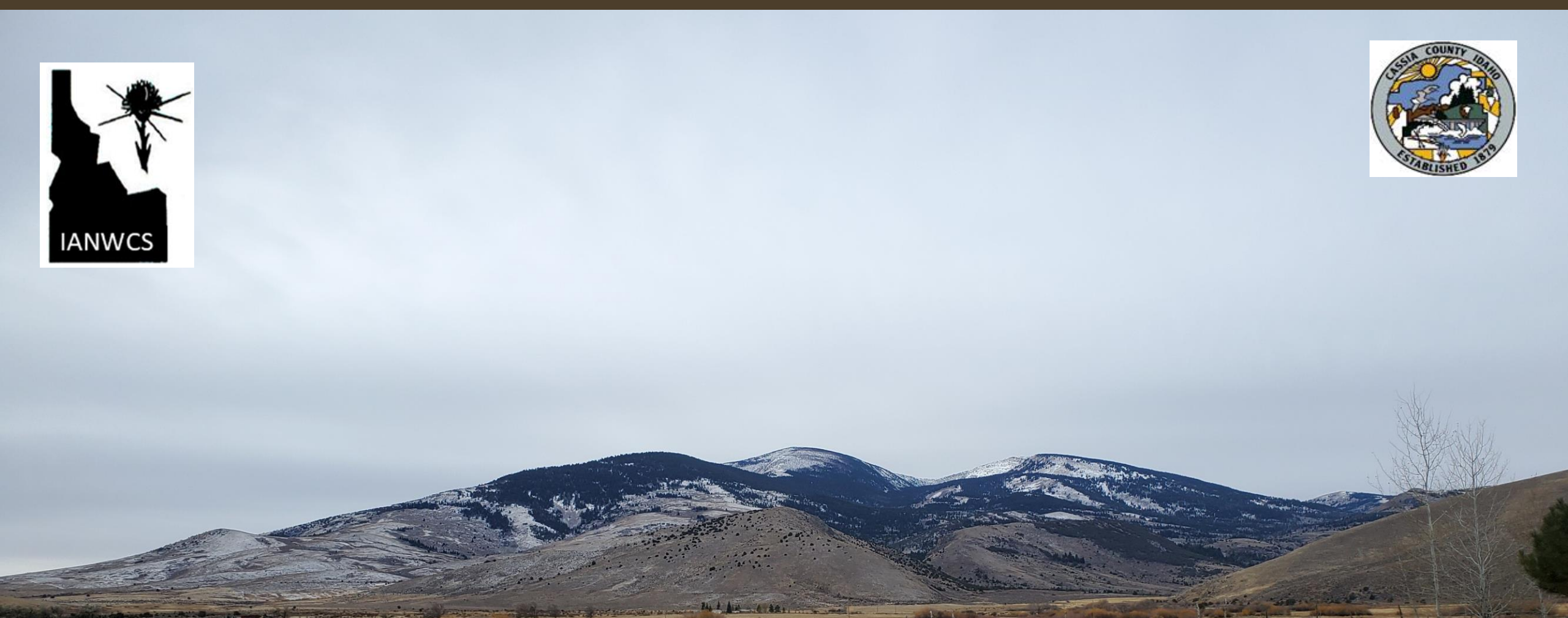


# *Welcome to southern Idaho*

*Michael Ottley Cassia County Noxious Weed and Invasive Species  
Superintendent*

*Idaho Association of Noxious Weed Control Superintendents*



# Scotch on the Rocks



**A noxious weed is any plant designated by a Federal, State or county government as injurious to public health, agriculture, recreation, wildlife or property.**

How many know all 70 noxious weeds for the state of Idaho?

How Many know all the weeds on the NAISMA (North American Invasive species Management Association) 91

Total?

Like to hunt, fish, hike, garden, camp, etc.?

How Many here have kids , grandkids or like to pick Pretty flowers to give to someone?

Know poisonous plants?



**Leafy spurge** contains the alkaloid euphorbia, which is toxic to humans and animals. The plant's white, latex sap seriously irritates the skin of people and animals and can cause human blindness upon eye contact. It can cause severe diarrhea in cattle and horses. It has caused death in cattle, sheep and loss of hair and inflammation on the feet of horses. It reduces biodiversity and threatens sensitive species.



# Leafy Spurge

**Reproduces by seed Viable  
up to 5 years and by the root  
system.**



Leafy Spurge  
(*Euphorbia esula* L.)  
Flowers & Seed Capsules  
Garden County, Wyoming  
06-16-2020 DGJL



UGA1459608



**2 weeks after fire.  
No rain for 4 months.**













Before 2007 After 2022





All parts of the plant are toxic. Leaves and stems are the most toxic part of the plant prior to the development of the fruits. Even the dead canes remain toxic for up to three years. The seeds are highly toxic and can be a source of livestock poisoning when they contaminate cereal grains fed to livestock



## Poison Hemlock Spring Rosettes





# Poison Hemlock



- *Affects: Cattle, sheep, goats, pigs, horses, wildlife, birds, and man.*
- *Symptoms: Salivation, abdominal pain, Muscle tremors, incoordination, severe skin irritation, Rapid, weak pulse, cyanosis of the mucous membranes, Death from respiratory failure occurs in 2-3 hours, frequent urination, Respiratory paralysis, and coma without convulsions precede death.*
- *Abortions will occur in pregnant animals, Deformities of the legs, cleft palate, abnormal curvature of the spine (scoliosis).*
- *It can be found growing along roadsides, ditches, cultivated fields, and waste areas especially where the ground is moist. It is a prolific seed producer and will form dense stands if unchecked. Produce 30,000 seeds viable 3-6 years. Reproduces by seed only.*









**Houndstongue** contains alkaloids that are especially toxic to cattle and horses. But also affects sheep and goats. The plant is rarely eaten in the green state, animals will eat the dried plant in hay or in the fall. Symptoms are varied which include digestive disturbances, restlessness, lack of coordination, convulsions, coma and affect the liver.



Jennifer Andreas, WSU Extension





The plant only reproduces from seed, but it can spread great distances because the barbs on the nutlets cling to clothing, machinery and animals. Plants generally are found along trails and roadsides, on the edge of wooded areas and in disturbed habitats. Reproduces by seed only 314 to 674 seeds per plant viable 2-3 years.





**White Bryony:** All parts of the plant are toxic to humans, livestock and other animals. The bryony in the berries and leaves can result in illness and death. Forty berries can kill an adult. The sap of White bryony can cause a rash and irritation. Root, leaves and stems are also considered poisonous. An extremely aggressive vine, White bryony can grow 6 inches a day with vines growing to 60-150 feet in a season. Curling tendrils help vines climb swiftly covering anything in their path, forming dense mats of foliage killing the plant or trees it covers. Reproduces by seed which birds spread and resprout from the root.



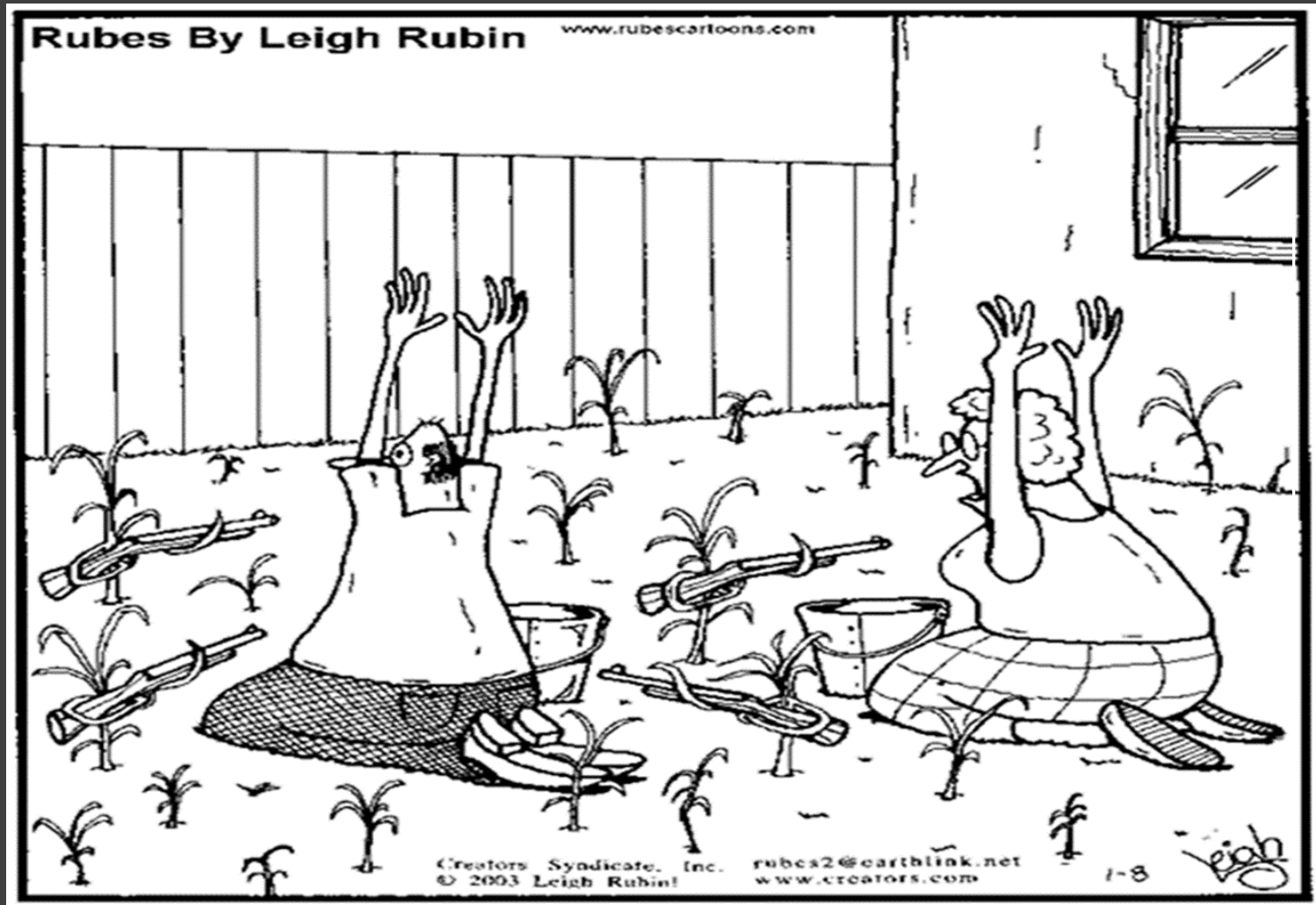




White  
Bryony







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1-8

"We never should have waited this long ...  
Now the weeds have *completely*  
taken over."

Any Question?

Noxious Weeds Everyone's Problem

