NDA

Noxious Weeds



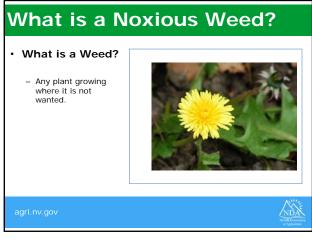
Jake Dick Noxious Weed Program 2/21/22

of Agriculture

Noxious weed management

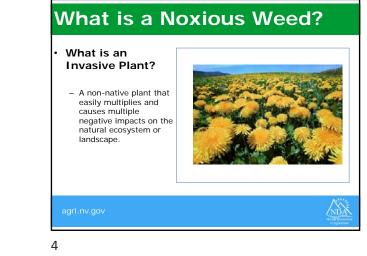
- Noxious weed definition
- Nevada noxious weed regulations
- Local weeds of concern
- Reporting noxious species

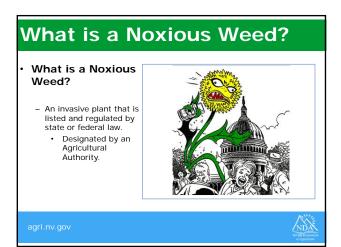
2



3

1





Noxious weed definition

"Any species of plant which is, or is likely to be, detrimental or destructive and difficult to control or eradicate"

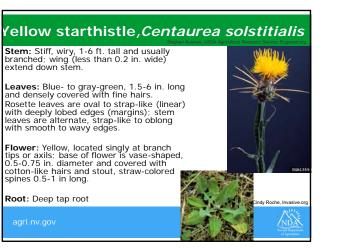
(NRS 555.005, 3)

How Do Plants get listed, State of NV

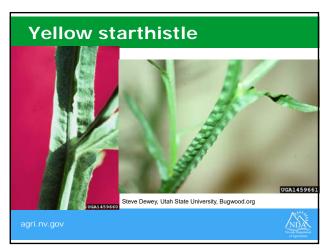
"A weed must not be designated as noxious which is already introduced and established in the state to such an extent as to make its control or eradication impracticable in the judgement of the State Quarantine Officer" (*NRS 555.130*) Kotha, *Kochis soparia* Halogeton, *Halogeton glomeatus* Cheatgrass, Bromus tectorum



7



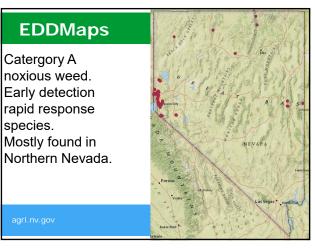
9





8







catchang, iNaturlis

NDA

Medusahead, Identification

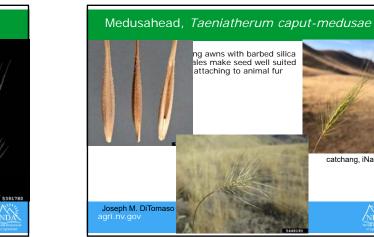
Flower: Spike ½ - 2 inches long 3-5 per plant on average. Wavy/twisted seed awns may be up to 3 in. In length. Bright green in color fading to reddish at maturity eventually turning a straw color. Seeds covered with upward pointing barbs which make them rouigh to the touch.

Leaves: Narrow leaves 4-12 in. Long. Can be covered in shoft short hairs. Auricles and membranous ligule at collar long hairs may also be present.

Stem: Growing up to 2 ft. Tall, muliptiple stems may grow from the same plant.

Root: Fibourus root system.

13

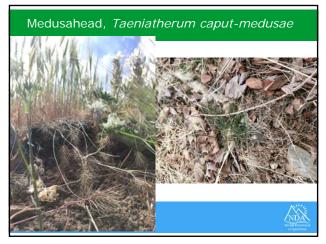


14

Medusahead, Taeniatherum caput-medusae lptrejo, iNaturlist lglevanik, iNaturlist NDA

15







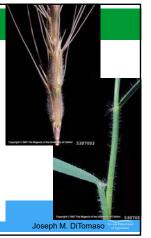
Barbed Goatgrass

Flower: Cylindrical inflorescence redpurple at maturity then drying to straw color, arranged in a spike (1-2.5 in long) containing 2-7 spiklets (.25-.5 in long). 3 long awns (1-2.4 in long) attached to glumes, central awn is longest.

Leaves: Narrow green gray leaves (.5-3 in long) often covered in fine white hair. Auricles present on leaf sheath, membranous ligule.

Stem: Multiple stems branching out at base (7-12 in. tall). Lower stem may contain fine hairs on outer sheath

Root: Fibrous root system, spikelet is often still attached to seedling, helpful in identifying young plants.



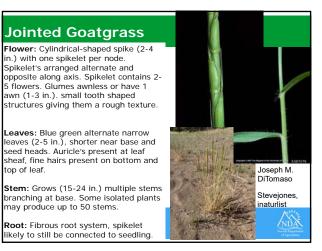


Barbed Goatgrass

Barbed Goatgrass

21

19







Reporting noxious species

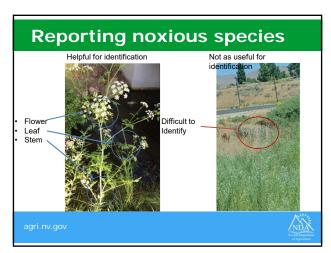
- Who is making report
- What species you are reporting
- Description of infestation
- Date/time and location
- Images of the plant/infestation
- Samples?



25



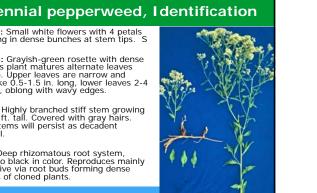
27



26



28



Perennial pepperweed Leslie J. Mehrhoff, University of Connecticut, Bugwood.org Tim Messick, iNaturlist D. Walters and C. Southwick, Table Grape Weed Disseminule ID, USDA APHIS PPQ, Bugwood.org Seedpods



A14594

Perennial pepperweed, Identification

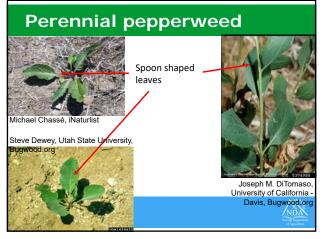
Flower: Small white flowers with 4 petals occurring in dense bunches at stem tips. S

Leaves: Grayish-green rosette with dense hairs, as plant matures alternate leaves develop. Upper leaves are narrow and strap-like 0.5-1.5 in. long, lower leaves 2-4 in. long, oblong with wavy edges.

Stem: Highly branched stiff stem growing up to 3 ft. tall. Covered with gray hairs. Older stems will persist as decadent material. material.

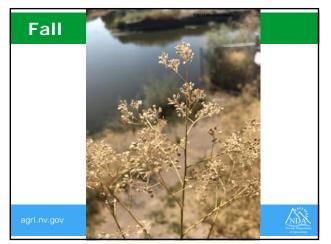
Root: Deep rhizomatous root system, brown to black in color. Reproduces mainly vegetative via root buds forming dense patches of cloned plants.



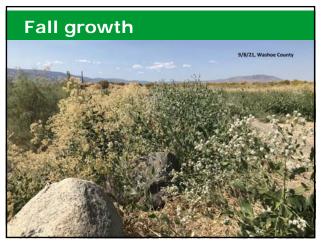


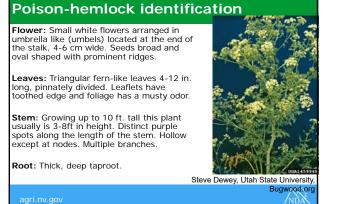












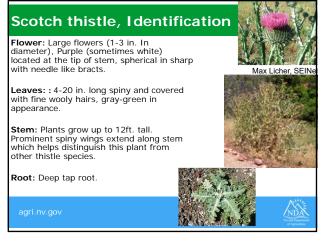


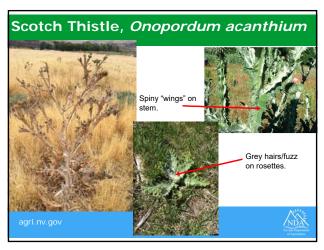


Poison-hemlock

Image: state sta





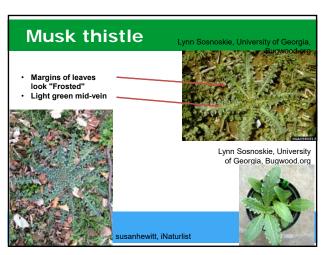












Scotch Thistle, Onopordum acanthium





