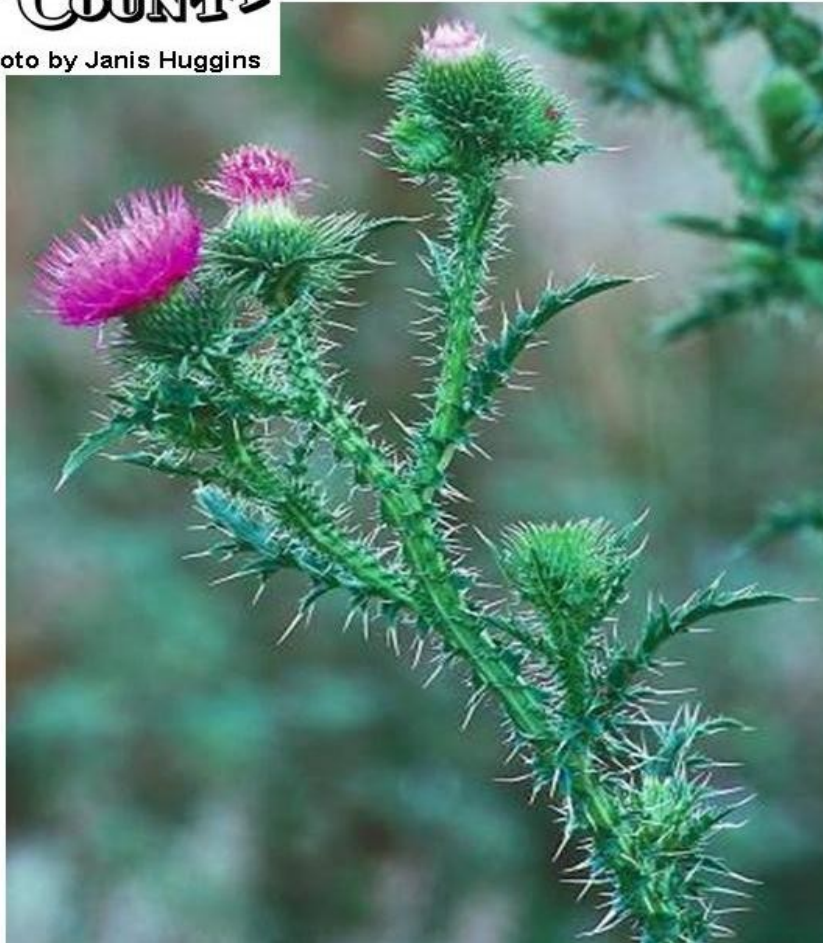


Photo by Janis Huggins



Plumeless Thistle *Carduus acanthoides* **Mgmt Goal: Eradication**

IDENTIFICATION

- Biennial: year 1-rosette; year 2-bolt, flower & seed
- 1-6 ft tall; spiny stem
- Rosette leaves 4-8 in. long with spiny lobes;
- Flowers pink to purple, June-August; 1/2 the size of musk thistle flowers

CHEMICAL CONTROL

**CALIBRATE YOUR EQUIPMENT EVERY YEAR
ALWAYS ADD NON-IONIC SURFACTANT
ALWAYS FOLLOW THE HERBICIDE LABEL**

- **Milestone** (Aminopyralid)
 - Hand-Pump Sprayer: 1fl.oz. per 3 gal water
 - All other sprayers: 5 to 7 fl.oz. per acre
- **Telar** (Chlorsulfuron, non-crop)
 - 1 to 3 wt.oz. per acre

IMPACTS

- Can produce up to 9,000 seeds per plant
- Reduces/eliminates wildlife forage & habitat
- Occurs primarily in Pitkin, Eagle, Garfield Counties

MECHANICAL CONTROL

- Digging/cutting/mowing are effective if done before seed-set.
- Hearty plants may re-sprout after cutting. Monitor site for re-growth.
- To prevent re-sprouting, remove root crown.
- **Always cut and bag any seed-heads.**