



Photo by Janis Huggins

<p><b>Musk Thistle</b> <i>Carduus nutans</i> <span style="float: right;"><u>Mgmt Goal:</u> <b>Suppression</b></span></p>	
<p><b><u>IDENTIFICATION</u></b></p> <ul style="list-style-type: none"> <li>• Biennial: year 1-rosette; year 2-bolt, flower &amp; seed</li> <li>• 1-6 ft tall; spiny stem</li> <li>• Rosette leaves have spiny lobes and whitish leaf margins and midrib.</li> <li>• Flowers pink to purple, June-August; twice the</li> </ul>	<p><b><u>CHEMICAL CONTROL</u></b></p> <p><b>CALIBRATE YOUR EQUIPMENT EVERY YEAR ALWAYS ADD NON-IONIC SURFACTANT ALWAYS FOLLOW THE HERBICIDE LABEL</b></p> <ul style="list-style-type: none"> <li>• <b>Milestone</b> (Aminopyralid) <ul style="list-style-type: none"> <li>◦ Hand-Pump Sprayer: 1fl.oz. per 3 gal water</li> <li>◦ All other sprayers: 5 to 7 fl.oz. per acre</li> </ul> </li> <li>• <b>Telar</b> (Chlorsulfuron, non-crop) <ul style="list-style-type: none"> <li>◦ 1 to 3 wt.oz. per acre</li> </ul> </li> </ul>
<p><b><u>IMPACTS</u></b></p> <ul style="list-style-type: none"> <li>• Can produce up to 9,000 seeds per plant</li> <li>• Reduces/eliminates wildlife forage &amp; habitat</li> <li>• Occurs primarily in Pitkin, Eagle, Garfield Counties</li> </ul>	<p><b><u>MECHANICAL CONTROL</u></b></p> <ul style="list-style-type: none"> <li>• Digging/cutting/mowing are effective if done before seed-set.</li> <li>• Hearty plants may re-sprout after cutting. Monitor site for re-growth.</li> <li>• To prevent re-sprouting, remove root crown.</li> <li>• <b>Always cut and bag any seed-heads.</b></li> </ul>