



Photo by Janis Huggins



Photo by Ann Larson

|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Houndstongue</b> <i>Cynoglossum officinale</i> <b>Mgmt Goal: Suppression</b></p>                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p><b><u>IDENTIFICATION</u></b></p> <ul style="list-style-type: none"> <li>• Biennial: leafy tap-rooted rosette first year; stiff central stem bolts in second year, 1-4 feet tall.</li> <li>• Reddish-purple flowers by early summer.</li> <li>• Reproduces by seed only; velco-like nutlets (seeds) cling to fur and clothing.</li> </ul> | <p><b><u>CHEMICAL CONTROL</u></b></p> <p><b>CALIBRATE YOUR EQUIPMENT EVERY YEAR<br/>ALWAYS ADD NON-IONIC SURFACTANT<br/>ALWAYS FOLLOW THE HERBICIDE LABEL</b></p> <ul style="list-style-type: none"> <li>• <b>Escort</b> (metsulfuron methyl) <ul style="list-style-type: none"> <li>◦ Hand-Pump Sprayer: 0.25 wt.oz. per 3 gallons of water</li> <li>◦ 1-1.5 wt.oz. per acre</li> </ul> </li> </ul> |
| <p><b><u>NEGATIVE IMPACTS</u></b></p> <ul style="list-style-type: none"> <li>• Poisonous to grazing animals, causing irreversible liver damage</li> <li>• Reduces/eliminates wildlife forage &amp; habitat</li> </ul>                                                                                                                       | <p><b><u>MECHANICAL CONTROL</u></b></p> <ul style="list-style-type: none"> <li>• Digging/cutting/mowing are effective if done prior to 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>                                            |