

Developing Weed Management Plans with IPM in Mind

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Before we begin...

- IPM was developed as an insect pest management system
- More than one control or suppression method in use is IPM.
- covering bases – if one control option isn't available, use another.



Integrated Management

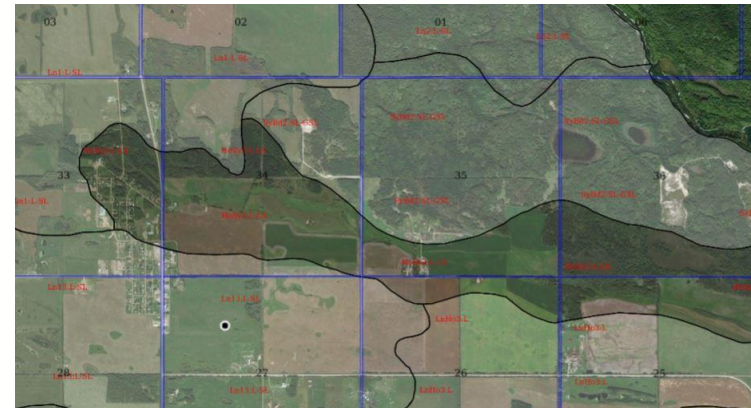
- Combination of control options
 - Mechanical
 - Chemical
 - Biological
- Synergistic options
 - Control or suppression where two or more activities work in concert.

Research is needed by manager...

- differentiate between weed and “crop”.

Components of Weed Management Plan

- Inventory
- Planning and implementation
 - Prevention and detection
 - Large-scale infestations
 - Revegetation
 - Range management
 - Monitoring plan



Roger Sheley - Rangelands. 1995. 17 (6):222-223

Inventory

- Management zone
- Weed information
 - Species
 - Locations – soils and topographic info...
 - Density distribution
- Resources available
 - Money
 - Equipment
 - Time



Planning and Implementation

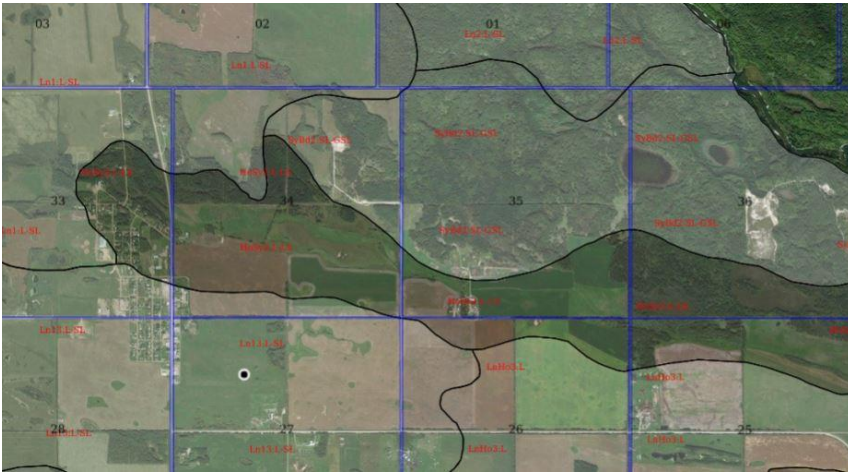
- Prevention
- Dealing with small infestations
- Dealing with large-scale infestations
- Revegetation
- Range Management
- Monitoring plans



Example of Weed Mngt Plan

- Flagstaff County
 - Leafy Spurge, Scentless Chamomile, toadflax, common tansy, burdock, common mullein.
 - Staff – 14 summer and seasonal staff
 - Budget - \$400,000
 - Goats – Battle River





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