

# PAYETTE COUNTY CWMA

## END OF YEAR REPORT

*2009*

Payette County CWMA has brought together landowners and various agencies that are responsible for weed management within the CWMA, develop common management objectives, set realistic management priorities, facilitate effective treatment, and coordinate efforts along boundaries with similar land types and problem species. The CWMA has distributed over 200 Idaho Noxious Weed Books and has spent well over 100 hours in small group settings and individual one on one basis to educate and bring awareness to the public. Payette County has provided educational materials to the general public as well as to local landowners in order to raise their awareness of the problem with Noxious Weeds.

Payette County is very fortunate in having sufficient funding for Noxious Weed Control so it is not necessary to take monies that could go to other CWMA's to prevent the control of Noxious Weeds. This coming year we will be applying for chemical only.

Payette County has implemented an integrated management system using all appropriate available methods; mechanical and chemical control of Noxious Weeds. Currently we are using Biocontrol scattered over 300 acres of purple loosestrife, 20 acres of Canada Thistle and 7000 acres of Diffuse Knapweed. We plan to gather and distribute bicontrol this coming year in other areas with this same noxious weed species. We were able to get Biocontrol for Puncturevine that was distributed in August 2009. Our hopes are to get Biocontrol on Field Bindweed.

Payette County was able to form a collaboration with the Drainage District and was able to cover 533 acres. We hope to keep this collaboration open and continue to get Noxious Weed controlled.

Payette County encompasses the entire County. Our boundaries are within Payette County.

Payette County CWMA major weeds in the area are; Priority #1 Mediterranean Sage, Priority #2 Yellow Starthistle and Priority #3 Scotch Thistle.

Priority #1 Mediterranean Sage: Greatest attempts have been made and will continue to be made to eradicate this noxious weed. It has been located within the County in a wide spread area only. We have begun using Bicontrol methods on Mediterranean Sage.

Priority #2 Yellow Starthistle: We have made good progress in containing Yellow Starthistle. We have located another area of Yellow Starthistle and plan for new plants to spread in the same geographical location this upcoming year. We treated 124.34 acres of Yellow Starthistle. We will continue to put forth greatest efforts in getting this noxious weed eradicated. Yellow Starthistle was not being managed effectively prior to Payette County getting the CWMA award in order to get the chemicals needed for treatment. At this time there was raised concern about the Yellow Starthistle getting into the Little Willow drainage or irrigation canal which would result in a huge wide spread infestation that would be very difficult to contain.

We had more participation from landowners with this project which was a great help leading to a better success rate. We are going to propose expanding this priority to include Big Flat Rd. and Four Mile Road. We have found the Yellow Starthistle has encompassed more of an area than we had originally been attempting to eradicate.

Priority #3 Scotch Thistle: We had great intentions of getting control of the Scotch Thistle before be realized that we had such an enormous infestation. We treated 1228.96 acres scattered over 6400 acres. We plan to hit this upcoming year running and get additional involvement from the community and landowners to get better coverage in a timely manner.

Payette County provides mechanical control by hand pulling a large portion of Mediterranean Sage and Yellow Starthistle. We provide this means of control through in-kind on these project areas.

We don't do any of the revegetation of the areas, we leave this responsibility to the Bureau of Land Management.

Inventoried acres are provided as in-kind by Payette County.

Payette County treated 177.56 acres of Mediterranean Sage which is the only EDRR noxious weed we currently are attempting to eradicate.

Payette County made over 150 public contacts for education purposes. Approximately 100 hours was spent on one-to-one or small group sessions for Noxious Weed Control the purpose of having a CWMA. We distributed over 200 Idaho Noxious Weed Books at Payette County's expense.

### **CHEMICAL PURCHASES**

| <b>CHEMICAL/DESCRIPTION</b> | <b>QUANTITY</b> | <b>PURPOSE</b>                             |
|-----------------------------|-----------------|--|
| Aqua-Neat                   | 310 Gallons     | Priority #3 (Control)                      |
| Banvel                      | 10 Gallons      | Priority #3 (Control)                      |
| Banvel + 24D                | 2.5 Gallons     | Priority #3 (Control)                      |
| Chapparal Specialty         | 48.75 Pounds    | Priority #1, #2 & #3 (Eradicate & Control) |
| Escort XP                   | 64 Ounces       | Priority #1, #2 & #3 (Eradicate & Control) |
| Milestone                   | 7.5 Gallons     | Priority #1 & #2 (Eradicate & Control)     |
| Redeem                      | 25 Gallons      | Priority #1, #2 & #3 (Eradicate & Control) |
| R-11                        | 210 Gallons     | Priority #3 (Control)                      |
| Syl-Tac                     | 32.5 Gallons    | Priority #1, #2 & #3 (Eradicate & Control) |
| Weedar64                    | 280 Gallons     | Priority #3 (Control)                      |
| Stinger                     | 192 Ounces      | Priority #3 (Control)                      |

| Common Name      | Scientific Name         | Gross Acres | Percent of Gross Acres Infested | Average Density (%) |
|------------------|-------------------------|-------------|---------------------------------|---------------------|
| <b>Example:</b>  |                         |             |                                 |                     |
| 1. Black Henbane | <i>Hyoscyamus niger</i> | 10,000      | 40%                             | 60%                 |

|                           |  |        |     |         |
|---------------------------|--|--------|-----|---------|
| 1. Black Henbane          | <i>Hyoscyamus niger</i>                    | 0      |     |         |
| 2. Bohemian Knotweed      | <i>Polygonum bohemicum</i>                 | 0      |     |         |
| 3. Brazilian Elodea       | <i>Egeria densa P.</i>                     | 0      |     |         |
| 4. Buffalobur             | <i>Solanum rostratum</i>                   | 10     | 10% | .0002%  |
| 5. Canada Thistle         | <i>Cirsium arvense</i>                     | 60,000 | 2%  | .2      |
| 6. Common Crupina         | <i>Crupina vulgaris</i>                    | 0      |     |         |
| 7. Dalmatian Toadflax     | <i>Linaria genistifolia ssp. dalmatica</i> | 20     | 15% | 1%      |
| 8. Diffuse Knapweed       | <i>Centaurea diffusa</i>                   | 14,720 | 54% | 1%      |
| 9. Dyer's Woad            | <i>Isatis tinctoria</i>                    | 0      |     |         |
| 10. Eurasian Watermilfoil | <i>Myriophyllum spicatum</i>               | 250    | 25% | 10%     |
| 11. Field Bindweed        | <i>Convolvulus arvensis</i>                | 60,000 | 10% | 1%      |
| 12. Giant Hogweed         | <i>Heracleum mantegazzianum</i>            | 0      |     |         |
| 13. Giant Knotweed        | <i>Polygonum sachalinense</i>              | 0      |     |         |
| 14. Hoary Alyssum         | <i>Berteroa incana</i>                     | 0      |     |         |
| 15. Houndstongue          | <i>Cynoglossum officinale</i>              | 100    | 10% | .25     |
| 16. Hydrilla              | <i>Hydrilla verticillata</i>               | 0      |     |         |
| 17. Japanese Knotweed     | <i>Polygonum cuspidatum</i>                | 10     | 10% | .00002% |
| 18. Johnsongrass          | <i>Sorghum halepense</i>                   | 0      |     |         |
| 19. Jointed Goatgrass     | <i>Aegilops cylindrica</i>                 | 10     | 10% | .00002% |
| 20. Leafy Spurge          | <i>Euphorbia esula</i>                     | 0      |     |         |
| 21. Matgrass              | <i>Nardus stricta</i>                      | 0      |     |         |
| 22. Meadow Knapweed       | <i>Centaurea pratensis</i>                 | 0      |     |         |
| 23. Mediterranean Sage    | <i>Salvia aethiopsis</i>                   | 7680   | 44% | 1%      |

|                           |                                   |                    |  |                            |
|---------------------------|-----------------------------------|--------------------|--|----------------------------|
| 24. Milium                | <i>Milium vernale</i>             | 0                  |  |                            |
| 25. Musk Thistle          | <i>Carduus nutans</i>             | 0                  |  |                            |
| <b>Common Name</b>        | <b>Scientific Name</b>            | <b>Gross Acres</b> | <b>Percent of Gross Acres Infested</b> | <b>Average Density (%)</b> |
| 26. Orange Hawkweed       | <i>Hieracium aurantiacum</i>      | 0                  |  |                            |
| 27. Oxeye Daisy           | <i>Chrysanthemum leucanthemum</i> | 0                  |  |                            |
| 28. Parrotfeather Milfoil | <i>Myriophyllum aquaticum</i>     | 10                 | 85%                                    | 10%                        |
| 29. Perennial Pepperweed  | <i>Lepidium latifolium</i>        | 60,000             | 10%                                    | 2%                         |
| 30. Perennial Sowthistle  | <i>Sonchus arvensis</i>           | 0                  |  |                            |
| 31. Plumeless             | <i>Carduus acanthoides</i>        | 0                  |  |                            |
| 32. Poison Hemlock        | <i>Conium maculatum</i>           | 60,000             | 10%                                    | 2%                         |
| 33. Policeman's Helmet    | <i>Impatiens glandulifera</i>     | 0                  |  |                            |
| 34. Puncturevine          | <i>Tribulus terrestris</i>        | 40,000             | 10%                                    | 2%                         |
| 35. Purple Loosestrife    | <i>Lythrum salicaria</i>          | 1,000              | 10%                                    | 3%                         |
| 36. Rush Skeletonweed     | <i>Chondrilla juncea</i>          | 100,000            | 10%                                    | 3%                         |
| 37. Russian Knapweed      | <i>Acroptilon repens</i>          | 1,000              | 10%                                    | 2%                         |
| 38. Saltcedar             | <i>Tamarix</i>                    | 5                  | 10%                                    | .00002                     |
| 39. Scotch Broom          | <i>Cytisus scoparius</i>          | 0                  |  |                            |
| 40. Scotch Thistle        | <i>Onopordum acanthium</i>        | 100,000            | 80%                                    | 2%                         |
| 41. Silverleaf Nightshade | <i>Solanum elaeagnifolium</i>     | 5                  | 10%                                    | .00002                     |
| 42. Skeletonleaf Bursage  | <i>Ambrosia tomentosa</i>         | 0                  |  |                            |
| 43. Small Bugloss         | <i>Anchusa arvensis</i>           | 0                  |  |                            |
| 44. Spotted Knapweed      | <i>Centaurea maculosa</i>         | 0                  |  |                            |
| 45. Squarrose Knapweed    | <i>Centaurea squarrosa</i>        | 0                  |  |                            |
| 46. Syrian Beancaper      | <i>Zygophyllum fabago</i>         | 0                  |  |                            |
| 47. Tall Hawkweed         | <i>Hieracium piloselloides</i>    | 0                  |  |                            |
| 48. Tansy Ragwort         | <i>Senecio jacobaea</i>           | 0                  |  |                            |
| 49. Toothed Spurge        | <i>Euphorbia dentate</i>          | 0                  |  |                            |
| 50. Vipers Bugloss        | <i>Echium vulgare</i>             | 0                  |  |                            |
| 51. Water Hyacith         | <i>Eichhornia crassipes M.</i>    | 0                  |  |                            |
| 52. White Bryony          | <i>Bryonia alba</i>               | 0                  |  |                            |
| 53. Whitetop              | <i>Cardaria draba</i>             | 40,000             | 10%                                    | 2%                         |

|                              |                               |      |     |      |
|------------------------------|-------------------------------|------|-----|------|
| 54. Yellow Devil<br>Hawkweed | <i>Hieracium glomeratum</i>   | 0    |     |      |
| 55. Yellow Hawkweed          | <i>Hieracium caespitosum</i>  | 0    |     |      |
| 56. Yellow Starthistle       | <i>Centaurea solstitialis</i> | 4480 | 16% | .25% |
| 57. Yellow Toadflax          | <i>Linaria vulgaris</i>       | 0    |     |      |

