

**UPPER SNAKE RIVER
COOPERATIVE WEED MANAGEMENT AREA
2010 ANNUAL OPERATING PLAN**

1) Forest Weed Control

General Summary: The objectives of this project are to contain, reduce, eliminate or stop noxious weeds from becoming established on National Forest land within the Upper Snake River CWMA. The majority of the backcountry is currently weed free or has only small manageable infestations. National Forest land is used for multiple use management of natural resources, and if left untreated could ruin these valuable resources. Some of these uses include recreation, wildlife habitat, watershed protection, timber, and production of commodities such as livestock forage. Participants are mainly the Caribou-Targhee National Forest, and the Bonneville Power Administration and Bureau of Reclamation participate with cash contributions to this project. Members from the Upper Snake River CWMA participate in spray days for this project. Herbicide applications are the main treatment method. We will continue to monitor previously placed biological agents and place agents in areas where they are not already established. Mechanical treatments are often used for small infestations away from areas that are easily accessed with sprayers. Project related Activities include education about noxious weeds to recreational users of the National Forest. This project will occur during May-October 2010

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **1500**
- Total number of public contacts: **50**
- Number of acres to inventory: **4,000**

Tools/Resources required for this priority: A crew of 4-6 seasonal employees, 2 pickup trucks, 4 ATVs with Sprayers, 3-5 horses with appropriate tack, horsepack sprayer, ATV trailers, horse trailer, 2 slip in sprayers, transfer pump, back pack sprayers

Tools/Resources to be purchased with grant funds for this priority:

Tordon 22k or equivalent-90 Gallons, 2 4-D 45 gallons, Escort 10 Lbs, Milestone 5 gallons, silicone surfactant 12 gallons, Spray indicator dye 25 gallons, no foam 5 gallons.

Total Cost \$64,407.50	Estimated Match \$ 55,407.50	ISDA Request \$9,000
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2) Snake River Corridor Project

General Summary:

This project will focus on noxious weed treatment along waterways within the Jefferson County during March-December 2010. Spray work along the river dike of the Snake River is beginning to show results. Spray days have been held for the past several years and have been very successful. However, more work is yet to be done to prevent the downstream spread of these weeds. Not doing this project would undo the progress that the CWMA has made so far on this fast growing project. This next season Jefferson County will continue the Cooperative CWMA spray day with additional bio releases. Mapping data will be collected and used for future monitoring.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **200**

- Total number of public contacts: **100**
- Number of acres to inventory: **600**

Tools/Resources required for this priority: GPS units, 4x4 trucks with sprayers, ATV's with spray tanks, portable water tanks, and backpack sprayers, and river boat (Jet).

Tools/Resources to be purchased with grant funds for this priority:

12 gal. Plateau, 36 gal. Hasten MSO, 8.5 gal. Bullseye, 5 gal. Milestone, 2.5 gal. R-900

Total Cost \$14,588	Estimated Match \$ 6,951	ISDA Request \$7,637
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3) Rangeland Management

General Summary: Numerous years of integrated weed control have been accomplished by Bonneville County working with landowners by being the professional applicator in the project. This year we will work with landowners in: 1) the Upper Snake River Drainage from Granite Hill to Wyoming; 2) landowners in the Dehlin Country along Dan creek and Gray Lake Outlet creek; 3) and those that impact the Tex Creek WMA. *New to this Project we will be working with landowners in the Birch Creek Watershed.* This will be accomplished by the landowner will split the price of application 50:50 with the county. Targeted weeds include: Spotted knapweed, Musk thistle, Hound tongue, Canada thistle, Black henbane, White Bryoni, and other noxious weeds found. During March – November 2010 BCW will map and monitor the weed treatment areas as well as ensure communication with the landowners to ensure long-term results. These weed activities will be beneficial to protect adjacent lands as well as reduce. Not doing this project would increase the impact of the weeds to our natural resources.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **1,600**
- Number of acres to inventory: **6,000**
- Total number of public contacts: **2,000**

Tools/Resources required for this priority: 4X4 Pickups, ATV's, Backpacks w/applicator plus the use of PGS

Tools/Resources to be purchased with grant funds for this priority: Milestone – 5 gallons, or Telar XP – 357 oz, or Escort XP – 205 Oz, or 2,4-D 2.5 gallons, or Syl-Tac - 14 gallon, or Bullseye – 16 gallon or combination of listed products.

Total Cost \$50,500	Estimated Match \$ 40,000	ISDA Request \$10,500
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4) Bonneville County Noxious Weed Mapping

General Summary: Weed mapping and monitoring is a high priority of the USRCWMA. This project implements the Mapping and Inventory goal described in the USRCWMA Strategic Plan. The objective is to collect and produce sound usable data within the CWMA during March-November 2010. Bonneville County will hire a temporary employee to map CWMA projects within the county. Approximately 6,000 acres will be inventoried and mapped. Funds are needed for temporary labor at a cost of \$9,360. This project is needed because mapping noxious weeds provides the basis for planning future weed control strategies and initiatives. Not doing this project may result in not identifying new invaders. Sponsors will

provide supervision and some labor. Grant funds will be used to purchase temporary labor and contract services.

Measurable Outcomes

- Number of acres to inventory: **6,000**

Tools/Resources required for this priority: 4x4 pickups, backpack sprayers, GPS units, Trailers, ATVs, a power boat and air boat

Tools/Resources to be purchased with grant funds for this priority: Grant funds will be used to purchase temporary labor and contract services.

Total Cost \$26,660	Estimated Match \$ 16,300	ISDA Request \$9,360
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5) Bingham Maps and More Bio- Control

General Summary: During June –October 2009 this continuing project within Bingham County and the USRCWMA will focus will on spotted knapweed along the Snake River and leafy spurge throughout Bingham County. Bio-agents will be obtained and released, existing bio-sites will be monitored and new potential areas for bio-sites will be identified. Both private and public lands will be treated. Not doing this project will result in untreated noxious weeds along the river.

Measurable Outcomes

- Total estimated acres to be treated for new invader: **1**
- Total estimated acres to be treated with biological agents: **200**
- Total number of public contacts: **35**

Tools/Resources required for this priority: 4X4 pickup for 15 days, 4 wheeler for 15 days, 2 GPS units for 15 days.

Tools/Resources to be purchased with grant funds for this priority: Bio-Agents *Larinus* sp. (20 colonies) and *Apthona* sp. (20 colonies).

Total Cost \$7,730	Estimated Match \$ 5,090	ISDA Request \$2,640
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6) Bingham Community Russian Knapweed Project

General Summary: Following the success from last year’s Russian Knapweed Project, Bingham County Weed Control would like to work with landowners to further control on Russian knapweed throughout Bingham County. If this project is not accomplished, troublesome areas were located this last year will not be treated. This is an essential key to controlling Russian Knapweed in this area. The project will take place during June –October 2009.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **45**
- Total number of public contacts: **15**

Tools/Resources required for this priority: 1 4x4 pickup, 1 4-wheeler, 1 GPS

Tools/Resources to be purchased with grant funds for this priority: Milestone (2.5 gallons)

Total Cost \$5,010	Estimated Match \$ 3,910	ISDA Request \$1,100
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7) Bingham Border Project

General Summary: Border areas of Bingham County are being threatened by noxious weed infestations. Infestations of Dyers Woad from the south, Leafy Spurge from the north, and Rush Skeleton Weed from the west are real threats to the landscape of Bingham County. During June –October 2009 this project will focus on targeted areas for treatment and documentation along the borders of Bingham County. Joint efforts will be utilized between Bingham County, Idaho Department of Lands, and private landowners. Not doing this project would allow new invaders to infest Bingham County.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **20**
- Total number of public contacts: **25**
- Number of acres to inventory: **4,000**

Tools/Resources required for this priority: 4x4 pickup, 4 wheeler, GPS

Tools/Resources to be purchased with grant funds for this priority: Tordon (7.5 gallons), Milestone (0.3 gallons), Telar (10 oz)

Total Cost \$10,395	Estimated Match \$ 5,995	ISDA Request \$4,400
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8) Bingham Community Scotch Thistle Project

General Summary: Field inventories during 2009 identified an area within Bingham County that is highly infested with Scotch Thistle. This noxious weed has spread across the Snake River from the Fort Hall Indian Reservation at alarming rates. During June –October 2009 Bingham County will implement a community treatment project with the 12 landowners in this targeted area. Not doing this project will allow Scotch Thistle to infest the Snake River.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **40**
- Total number of public contacts: **12**
- Number of acres to inventory: **400**

Tools/Resources required for this priority: 4x4 pickup, 4 wheeler, GPS

Tools/Resources to be purchased with grant funds for this priority: Milestone (2.2 gallons)

Total Cost \$4,424	Estimated Match \$ 3,544	ISDA Request \$880
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9) Raildogs

General Summary: Eastern Idaho Railroad (Raildogs) is the short line railroad that runs through eastern Idaho. This will be the seventh year of this program. This project includes Bonneville County and Jefferson County. Target species include Plumeless thistle, Perennial pepperweed, Dyers woad, Black henbane Field Bindweed, Whitetop, Musk Thistle, and Canada Thistle. The CWMA provides the herbicide while Raildogs and the Counties each provide applicators. Work will take place during June – July 2009. Railways are a source to easily transport and introduce exotic noxious weeds from other regions. This project protects interstate commerce from spreading weeds onto adjacent lands. This project is needed to continue the progress made

during previous years. Not doing this project will allow noxious weeds to expand their current range.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **100**
- Total estimated acres to be treated with biological agents: **200**
- Total number of public contacts: **300**
- Number of acres to inventory: **300**

Tools/Resources required for this priority: Raildogs will provide a high-rail Truck with spray system or flat-bed high rail in which a slide on sprayer is used.

Tools/Resources to be purchased with grant funds for this priority: Milestone (1 gallon), Telar XP (28 oz), Syltac (1 gallon), Bullseye (3 gallon)

Total Cost \$5,360	Estimated Match \$ 3,860	ISDA Request \$1,500
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10) Jefferson County (Heavy) Long Range Right-of- Way Truck

General Summary: Jefferson County is approximately fifty four miles from east to west and thirty miles north to south. Currently our road side trucks are fitted with 300 gal. Tanks and require several refills during an average day of roadside work in many of our remote locations. This activity requires several trips back to the loading station and is very costly, both in time and money. Jefferson County is asking for dollars to help purchase a class 6 trucks to equip with a 1400 gallon capacity spray system to more efficiently service out reaching areas. The Hamer, Mud Lake, and Montevue areas consist of approximately 600 lane miles of right-of-way that we need to maintain throughout the season. Not doing this project would result in the continual waste of tax payers funds for unnecessary travel.

Measurable Outcomes

- Total estimated acres to be treated with herbicide: **1,454**
- Total number of public contacts: **100**
- Number of acres to inventory: **1,454**

Tools/Resources required for this priority: NA

Tools/Resources to be purchased with grant funds for this priority: Purchase one class 5 heavy truck 26000 G V W at a cost of \$61,836.00. Fit with a 1400 gal. low pressure high volume spray system and GPS tracking system funded by Jefferson Co. Weed Dept. approximate cost of \$5,000.00.

Total Cost \$100,356	Estimated Match \$ 63,520	ISDA Request \$36,836
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Total Cost of all priorities:	\$ 289,430.50
Estimated Match:	\$ 204,577.50
ISDA Request:	\$ 83,853.00
Administrative Fee:	\$ 4,192.65
Total (ISDA) Request:	\$ 88,045.65

INFORMATION AND EDUCATION PROJECTS

1) Weed Warrior Workshop

General Summary: This workshop will provide a training opportunity to educate “Weed Warriors” or seasonal employees for all agencies and landowners. This will be the fourth year of this workshop with great past successes. It educates and trains people in issues of weed identification, weed control methods, and equipment usage. Special emphasis is put on the importance of Integrated Weed Management. We also host the Idaho State Department of Agriculture Pesticide Licensing Educator to help concerned workers obtain the Agriculture Herbicide Applicators License. The project is needed to ensure a well trained “Weed Warrior” work force in the counties and agencies. Years past we have trained over 125 new weed fighters that are prepared to go into the field to protect our natural resources. Funds are also gathered from Pesticide manufacturing companies such as Dow Agro-sciences, DuPont, BASF, and Wilbur-Ellis Company. In-Kind and cash match is figured by time invested by all attendees for the two day workshop. This workshop is open to the public, but invitations are sent to those currently involved in invasive weed management.

Measurable Outcomes

- Total number of public contacts: **125**

Tools/Resources to be purchased with grant funds for this priority: \$4,000.00 is being requested to rent a facility that offers meeting rooms and catering services, transportation, speaker expenses, supplies, mailings and printing costs.

Total Cost \$36,847	Estimated Match \$ 32,847	ISDA Request \$4,000
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2) Jefferson Weed Awareness Meeting

General Summary:

During March, Jefferson Soil & Water Conservation District will hold a Weed Awareness Meeting. This workshop generally reaches 90 to 100 people. It offers one credit hour for Pesticide Applicator License. The following areas will be covered: Weed Identification, Weed Control through Biological, Chemical, and Mechanical methods, and current problems and infestations. The project is needed to ensure that landowners are well informed regarding noxious weed issues and alternatives.

Measurable Outcomes

- Total number of public contacts: **100**

Tools/Resources to be purchased with grant funds for this priority:

Advertising - \$750.00, Room Rental - \$100.00, and postage to mail out flyers - \$150.00

Total Cost \$2,100	Estimated Match \$ 1,100	ISDA Request \$1,000
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Total Cost of all priorities:	\$ 38,947.00
Estimated Match:	\$ 33,947.00
ISDA Request:	\$ 4,000.00
Administrative Fee:	\$ 200.00
Total (ISDA) Request:	\$ 4,200.00