

LEMHI COOPERATIVE WEED MANAGEMENT AREA 2014 ANNUAL OPERATING PLAN

I. Priorities and Descriptions

Priority 1 (Citizens Against Weeds)

This priority is a combination of three projects with the same underlying concept and therefore grouped together, listed below are projects a, b, and c. The goal of these projects are to encourage private landowners to become involved with noxious weed management, to help them get a handle on weed problems so that they can manage them and to provide assistance in any area that they may need.

a) Cost Share Program

The cost share program is run by reimbursing private landowners 50% of herbicide costs up to \$150 of the total purchase. All herbicide applications are required to be used on Idaho State noxious weed species and a completed record prior to reimbursement. All applications will be made on private land within the Lemhi CWMA during the growing season of 2014. This program is crucial in helping private landowners control any listed noxious weed thus reducing the spread and impact resulting in an estimate of 1000 chemical acres and 5000 inventoried acres. All cost share applications must be turned in to our office by the end of September, at which time any remaining funds would be reimbursed to applicants by an additional 25% for an application that spent more than \$500 with any remaining balance used to purchase herbicide.

b) Spray Day Program

This is another project developed to help private landowners combat noxious weeds located on their land. During a spray day event, members from the Lemhi CWMA will stage in a specific location and disburse herbicide to private landowners free of charge. In addition to the landowners treating their own weeds, professional applicators are available to help landowners that are unable to treat their property or need guidance on correct application procedures. This project is very valuable not only from a control standpoint but also from an educational prospective as well, in addition to an estimated 500 chemical acres treated and an additional 2000 acres inventoried.

c) Equipment Loaner Program

This program is designed to give private landowners the tools needed for herbicide application or habitat improvement. People can borrow ATV sprayers, back pack sprayers and seeders. In order to ensure that this program is self sufficient there will be a \$5.00 a night charge which will then be used for future replacement costs.

Consequences for not completing this work:

This priority is by far the most important project in involving private landowners within the CWMA. Should this project not be completed many landowners would not be able to keep up with the expansion of the noxious weed invasion. In addition, this project has allowed us to achieve an on the ground educational component which has resulted in many landowners purchasing their own equipment and taking an invested interest in their land. By not completing this project we would see a regression with this investment.

Measurable Outcomes

- **Number of acres to be inventoried: 7000**
- **Total estimated acres to be treated: 1500**
- **Total number of public contacts: 1000**

Tools/Resources required for this priority: Trucks, ATV's, back pack sprayers, seeders, gps units, herbicide, personal protective equipment, computer, printer and a digital camera.

Tools/Resources to be purchased with grant funds for this priority: Herbicide (\$7,000) and cost share reimbursement (\$5,000).

Estimated Expenditures:

Total Cost: \$52,000 ISDA Request: \$12,000 Estimated Match: \$40,000

Priority 2 (Species of Concern Project)

This project compliments the spray day events by allowing members from the Lemhi CWMA to treat noxious weeds of concern such as houndstongue that were not treated during the actual spray day event. By completing this project we are able to treat the entire infestation and preventing seed set to re-infest previously treated locations. Typically our crews will begin treatment on private land and follow the infestation onto the BLM and then to the Forest Service in a combined group effort. Primary weeds that will be targeted are Rush Skeletonweed, Houndstongue, Puncturevine, Orange Hawkweed, Oxeye Daisy, Salt Cedar, Whitetop and Scotch thistle. In addition to these species which are on our new invader list we would be constantly looking for additional weed species that could be moving into the county.

During the 2014 Field season the LCWMA will be increasing its awareness of aquatic invasive species. To do this the LCWMA would need to purchase sampling equipment as well as a Canoe, paddles, and PFDs. This equipment would then be used to inventory several of the higher use lakes and the Salmon River within the LCWMA.

Consequences for not completing this work:

By not completing this work many species that have been kept under control would expand dramatically. Many landowners are willing and able to treat the species that are apparent and easy to get to, however those that are within the thickets or out of sight often go untreated. Without this project these sources of seed dispersal would remain to re-infest treated areas.

Measurable Outcomes

- **Number of acres to be inventoried:8000**
- **Total estimated acres to be treated: 1000**
- **Total number of public contacts: 1000**

Tools/Resources required for this priority: Trucks, ATV's, back pack sprayers, seeders, gps units, herbicide, personal protective equipment, computer, printer and a digital camera.

Tools/Resources to be purchased with grant funds for this priority: Herbicide (17,000), Seasonal technician labor (17,000), and Aquatic inventory supplies (2,000)

Estimated Expenditures:

Total Cost: \$86,600 ISDA Request: \$36,000 Estimated Match: \$50,000

Priority 3 Bio-Control

The Lemhi CWMA is once again striving to diversify the way that noxious weeds are controlled in Lemhi County. Currently we have large amounts of *Urophora* species well-distributed throughout the county, moderate numbers of *Larinus minutus* (which are spreading well on their own) and the occasional *Metzneria paucipunctella* working with us against spotted knapweed. Last field season 8,100 *Cyphocleonus Achates* were released in Lemhi County because of this project and an additional 1,600 were sent to various parts of the State. We would like to continue this effort during the 2014 field season by collecting at local insectaries. Funds from the Lemhi CWMA will be used to purchase *Cyphocleonus* at a rate of .25 cents per insect that are collected by youth under the age of 16.

Consequences for not completing this work:

This project supplies many of the *Cyphocleonus* that is supplied to other CWMA's throughout the State. Should this program not continue the collection of these species would fall on paid employees, most likely Joey Milan and his staff to collect?

Measurable Outcomes

- **Total estimated number of *Cyphocleonus* collected : 2000**
- **Total number of public contacts: 300**

Tools/Resources required for this priority: Trucks, ATV's, collection containers, computer, gps, digital camera, sweep nets, building materials for the insectary.

Tools/Resources to be purchased with grant funds for this priority: 4000 *Cyphocleonus*

Estimated Expenditures:

Total Cost: \$6,000 ISDA Request: \$1,000 Estimated Match: \$5,000

Priority 4 (LCWMA Facility)

During the 2013 field season the LCWMA was able to open the Weed Wash Station to the public and to the partners who contributed to the project. As part of this project land donated by Lemhi County has been set aside to start construction of a facility that will handle all day to day operations of the LCWMA weed crews. Currently there are 7 different locations that the crews potentially have to visit each day before or after each field day; resulting in at least 1 to 2 hours loss of production.



One of these stops is the herbicide storage facility located in the fenced perimeter of the BLM Salmon Field office. The LCWMA would like to move this facility out to the area set aside for the combined facility. Preparations have already been started to facilitate this move; Power has been run and a temporary electrical box has been installed, the perimeter has been fenced with 2 locking gates for security, and water has been made available in the area for future mixing and loading. During the 2014 field season the LCWMA would like to initiate this move by pouring a sloped cement pad, with proper spill basins, to support the heated facility that will be moved.

Consequences for not completing this work:

By not completing this work the LCWMA will continue to operate inefficiently and a continued loss of production will continue.

Measurable Outcomes

- **More acres accomplished with fewer people**
- **More time on project and less on runaround**
- **Total number of public contacts: 100**

Tools/Resources required for this priority: Heavy equipment, Cement, Electrician.

Tools/Resources to be purchased with grant funds for this priority: Equipment and supplies for installation of Cement pad and Herbicide storage facility

Estimated Expenditures:

Total Cost: \$20,000

ISDA Request: \$10,000

Estimated Match: \$10,000

Priority 5 (Re-Planting)

Ensuring that desirable species are planted after any type of ground disturbance is a preventative measure which in turn helps reduce the potential of noxious weed establishment. Over the past couple of years the Lemhi CWMA has increased our efforts to ensure that private landowners have the tools necessary to complete their vegetation goals. These tools include hand seeders, ATV seeders and the newly purchased ATV drill seeder. This next field season we plan on conducting trials within the corner pivots of farmland to ascertain what species will establish most effectively and help us reach our goals.

Consequences for not completing this work:

By not completing this work corner pivots will continue to be a source for noxious weeds.

Measurable Outcomes

- **Number of acres to be inventoried: 500**
- **Total estimated acres to be treated: 5**
- **Total number of public contacts: 20**

Tools/Resources required for this priority: Trucks, ATV's, Juno units with Arc Pad, computer, drill seeder, seed.

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

Estimated Expenditures:

Total Cost: \$5,000 ISDA Request: \$0 Estimated Match: \$5,000

Priority Totals

Total Cost of all priorities:.....	\$169,000.00
ISDA Request (VI):.....	\$59,000.00
Administrative Fee (VII):.....	\$2,950.00
Total (ISDA) Request (VIII):.....	\$61,950.00
Estimated Match (IX):.....	\$110,000.00

LEMHI COOPERATIVE WEED MANAGEMENT AREA 2014 EDUCATIONAL ANNUAL OPERATING PLAN

Priority 1 Education

Lemhi CWMA recognizes that noxious weed education is key to effective control. People need to be able to recognize the weeds, understand the various control measures and be able to apply the chosen control method effectively. The Lemhi CWMA realizes that it takes a variety of venues to reach the public with education. We are implementing an integrated education approach for 2014. We will be using workshops, “tail-gate” education, news releases, radio interviews, and booths to spread the knowledge.

Workshops will include a session at the Lemhi County Cattlemen’s Winter School, applicator license training, weed calibration workshop, and Fall Showcase meeting. “Tail-gate” education will be in conjunction with each of the spray days where one-on-one consultation will take place. Each member of the CWMA steering committee will assist with writing news releases, doing radio interviews and coordinating the booths at the Mule Sale and Lemhi County Fair.

The Lemhi CWMA would also like to have Celestine Duncan come back and present her weed education class. This event has always been a great educational opportunity for all applicators as well as public in Lemhi County. In addition we created a calendar for the 2013 year with noxious weed information and identification. We would like to continue this for the 2014 season.

Measurable Outcomes

- **Number of acres to be inventoried: 0**
- **Total estimated acres to be treated: 0**
- **Total number of public contacts: 2000**

Tools/Resources required for this priority: Trucks, All of our chemical application equipment, computers, gps units, bio-control information, live weed specimens, plant mounts, posters and displays.

Tools/Resources to be purchased with grant funds for this priority: Celestine Duncan’s Weed Education class (\$900) and 100 calendars (\$500).

Estimated Expenditures:

Total Cost: \$6,470.00	ISDA Request: \$1,400	Estimated Match: \$5000
	Admin Fee: \$70.00	
	Total Request: \$1,470.00	