

Invasive Plant Grant Program
2014 Grant Application-ASFD

FOR OFFICIAL USE ONLY	
Dollar Amount Requested:	\$20,000
Matching Share:	\$20,000
Percent (%) Matching	50%%

Applicant Information	
Applicant:	Coronado RC&D
Contact Person:	Linda Searle
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Project Information			
Name of Project:	Southeast Arizona Partners in Noxious Weed Managem		
Community Name:	Southeast Arizona Weed Management Area		
County:	Cochise, Graham	Congressional District:	1 & 2
Latitude (decimal degrees):	32.248811 & 32.839170	Longitude (decimal degrees):	-109.83563 & -

Grant Contributors (Matching Share)							
(Federal dollars DO NOT qualify)							
Please specify each match contributor and the dollar amount of each contribution.							
Please DO NOT show grant requested funds in this table. This is for matching share only.							
Contributors: (Please specify)	Cochise County	SE Arizona Weed Management	ADOT	Gila Valley NRC	University of Arizona Extension		TOTAL
Dollars (Hard Match):	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0
In-Kind (Soft Match):	\$8,000	\$3,250	\$5,450	\$800	\$2,500	\$0	\$20,000
TOTAL:	\$8,000	\$3,250	\$5,450	\$ 800	\$2,500	\$ 0	\$20,000

Total Project Expense (break down matching share totals from block three)				
	Grant Share (\$ Amount Requested)	Match (from block three)		TOTAL
		Dollars	In-Kind	
Personnel / Labor:	\$9,800	\$0	\$14,100	\$23,900
Operating / Supplies:	\$8,200	\$0	\$2,700	\$10,900
Travel:	\$2,000	\$0	\$1,200	\$3,200
Contractual Services:	\$0	\$0	\$0	\$ 0
Equipment:	\$0	\$0	\$2,000	\$2,000
Indirect Costs:	\$0	\$0	\$0	\$ 0
TOTAL:	\$20,000	\$ 0	\$20,000	\$40,000

Project Summary (check all that apply and answer related questions in appropriate box)			
5	Is this a new project? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	What is the duration of this project? (24 month maximum) 24 months		
	Number of acres to be treated:	1234	Estimated cost per acre: \$18.00
	Are the acres to be treated contiguous (adjacent to each other)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, please describe their layout in block six (6).		
	Does this project have a current invasive/noxious plant management plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please attach the plan to this application.		
	Is this project managed by a professional land manager? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Please provide qualifications in block six (6).		
	Number of communities directly affected by this project:	18	
	Number of citizens to be reached:	350	
	Number of residences affected:	50	

Project Area Description	
All information for the project should fit into the allotted character space provided below. Addendum may be submitted if more space is needed.	
6	<p>Provide an overview of the project and the project area. 2500 characters</p> <p>Coronado RC&D, University of Arizona Cooperative Extension, Gila Valley NRCD, Cochise County, and Graham County have developed a partnership to implement a collaborative working group with the purpose to control and stop the spread of noxious weeds.</p> <p>Southeast Arizona is a land of broad valleys and beautiful grasslands that reach to the mountain forests referred to as the "Sky Islands". The Gila River runs through Graham County which supplies agricultural producers with irrigation water and creates a diversity of landscapes which include high mountain ranges and low desert plains. The diverse landscape and climate create a prime location for fish, plant & wildlife habitat, along with abundant outdoor recreational and tourism opportunities. Portions of the Coronado National Forest are located within both Graham and Cochise counties. In addition these areas are a busy transportation corridor from the Country of Mexico and the State of New Mexico. Highways bring goods, services, and tourists to enjoy these areas. Noxious weeds have the potential to spread rapidly and degrade economic crops, native plant communities, water systems and degrade wildlife habitat and, ultimately, the local economy. The partnership recognizes the importance of addressing noxious and invasive weeds in order to preserve land and protect natural resources.</p> <p>Several noxious weeds have been identified in multiple locations within the area including, Saharan/Black Mustard, Malta Starthistle, Russian Knapweed, Karoo Bush, African rue and Onionweed. These infestations are located on public, state, and private lands throughout the two counties, which increase the risk of their spread. This project will provide integrated detection, treatment, and eradication of infestations using the best control techniques for the identified plant species, provide inventory and GIS mapping of infestations, implement a monitoring program in order to prevent further encroachments, and provide the resources to implement community awareness and education.</p>
	<p>Briefly describe the qualifications of the person(s) managing this project. 500 characters</p> <p>Linda Searle has worked for Coronado RC&D since 2010 as Grant Administrator. As Grant Administrator responsibilities have included developing grant proposals, tracking accounts for funded projects, carrying out administrative duties related to individual grants and contracts, keeping accurate data on the Coronado RC&D Council's assets, following policies, and management of all correspondence and outreach activities. She has managed 9 grants, 5 which have addressed invasive noxious weeds.</p>

Project Goals and Objectives	
All information for the project should fit into the allotted character space provided below. Addendum may be submitted if more space is needed.	
7	<p>Provide a brief description of how this project meets the grant objectives and goals. 1500 characters</p> <p>This project will facilitate a cooperative effort between multiple partners to actively inventory, control, and restore state, public and private lands within the area affected by noxious weeds. This will allow for the protection of National Forest Lands that are adjacent to these inventoried and treated acres. This project will also implement a community awareness program that will ensure an understanding of the negative impacts made by noxious weeds and the threat they pose to the environment and landscapes. This awareness program will help to conserve and protect the Coronado National Forest, State, BLM, and privately owned lands. As noxious and invasive weeds do not recognize land ownership boundaries, this project will help to protect land in adjacent communities. Noxious weed control programs have been on-going in the counties of Greenlee and Cochise. Extending these efforts into Graham County will allow for a seamless treatment to ensure control and prevention. The data used for inventory, mapping and eradication efforts will be collected and added to the existing database maintained by the Southeast Arizona Weed Management Area.</p>

Scope of Work / Project Timeline	
All information for the project should fit into the allotted character space provided below. Addendum may be submitted if more space is needed.	
8	<p>Provide a brief scope of work which clearly describes how grant funds will be spent: Types of treatments proposed, invasive/noxious plant of concern and any information and education activities. (This should be more specific than the project description) 1500 characters</p> <p>Milestone 1 –(Noxious Weed Inventory & Control) Implement an integrated weed management program in order to rapidly identify and contain, reduce or eradicate existing noxious weed infestations. This approach will include various methods of treatment depending upon the location, infestation level and target weed. All treated areas will be documented and locations will be mapped. This will include treatment of a minimum of 323 acres of known noxious weed infestations.</p> <p>Milestone 2 - (Monitoring) Conduct monitoring of treated areas to document results and ensure treatment success. All monitoring areas will be documented using a monitoring form which will include location, land status, plant dominance rated, treatment dates, treatment methods, and acres. Conduct county-wide inventory for new infestations and new invasive species in order to prevent new encroachments. All inventoried areas will be documented, plant dominance rated, and locations will be mapped. All treatment areas will be surveyed and mapped utilizing a geographical positioning system (GPS). Maps will be created showing changes in plant population sizes and densities.</p> <p>Milestone 3 – (Education & Outreach) This project will implement community-wide noxious weed education and awareness through site visits, literature distribution, newspaper articles, online information sites, and hosting landowner/land manager workshops.</p>
	<p>Provide a timeline for the project. 1000 characters</p> <p>2015 - Jan. - March – Outreach April – training workshops, technician visits sites to map, order herbicide March - May - Implement treatment program (herbicide application) June & July - Onionweed treatment August - follow up monitoring of treatment sites Sept. - Dec. - Continue outreach</p> <p>2016 - Jan. - March - Outreach April - Training workshops, technician visits sites to map, order herbicide March - May - Implement treatment program (herbicide application) June & July - Onionweed treatment August - follow up monitoring of treatment sites</p>

Collaborative Elements and Partners

All information for the project should fit into the allotted character space provided below.
Addendum may be submitted if more space is needed.

- 9 **Specify the CWMA, private, local, tribal, county, state, federal, and non-governmental 501(c) 3 organizations that will contribute to or participate in the completion of this project. Describe briefly the contributions each partner will make (i.e. – donating time/equipment, funding, etc.).** **2000 characters**

Coronado Resource Conservation & Development Area - 5013c, will administer funds and coordinate the project. They will provide project management, coordination, clerical, outreach assistance. (A portion of the RC&D work will be donated)

University of Arizona Cooperative Extension - Primary partner is Kim McReynolds, agent that has worked extensively with invasive weeds and associated projects in SE Arizona for the past 20 years. She has been instrumental in forming the SE Arizona Weed Management Area and the Arizona/New Mexico Weed Management Group. She will be the lead technical advisor on the project; will provide training, quality control and oversight.

Southeast Arizona and Arizona/New Mexico Weed Management Areas will work with the project and maintain the overall data base, assist with outreach. This project fits within their overall long range plans.

Gila Valley NRC - The Gila Valley NRC provided project management in 2005 for an Arizona State Forestry Grant to conduct noxious weed eradication on Frye Mesa in order to protect the Coronado National Forest from Sweet Resin infestations. They provided project assistance to the Coronado RC&D on their AZ Water Protection Fund Grant Project to control Sweet Resin Bush in order to control runoff on Frye Mesa. They received funding through a Cooperative Agreement from the Bureau of Land Management in 2008 to further their noxious weed control efforts.

Project Longevity / Maintenance

All information for the project should fit into the allotted character space provided below.
Addendum may be submitted if more space is needed.

- 10 **Clearly demonstrate how this project will remain effective over time.** **2000 characters**
- This project will treat known infestations of the invasives with the goal of controlling them. In addition, it will raise the awareness of invasives and establish community monitoring and control groups that will function as groups to identify and eradicate new infestations as they appear.

A goal of this project is to train government officials and County Highway and flood plain staff to raise their level of awareness and elevate control of invasives to a higher priority. Once monitoring and control of invasives becomes a priority for highway and road crews, new infestations will be dealt with before they become great problems. Landowners will be able to report sightings of invasives to the University of Arizona Cooperative Extension and that information will be relayed to counties for treatment. Once the larger infestations are under control, treatments should be limited to a maintenance level.

The weed management groups and Cooperative Extension will continue to monitor and maintain the database of infestations. A published newsletter and Facebook notifications will continue the outreach and education efforts. The weed management groups are committed to public education in their long range plans.