

PARTNERSHIPS

NMSU's Extension Weed Science program has developed partnerships with various stakeholders within the state and across the country.

- Industry: Bayer CropScience, Helena Chemical Company, Dow AgroSciences
- County Extension Agents
- New Mexico Vegetation Management Association
- NMDA Noxious Weed Coordinator and NM Cooperative Weed Management Areas
- The New Mexico Noxious Weed List Advisory Committee
- Tamarisk Coalition
- Navajo Farmers and Ranchers Congress
- Soil and Water Conservation Districts

Several multidisciplinary research and Extension projects have developed with scientists from NMSU's Entomology, Plant Pathology and Weed Science; Plant and Environmental Science; and Animal and Range Sciences departments.



The College of Agricultural, Consumer and Environmental Sciences is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research, and extension programs.

To learn more about the Extension Weed Science Program, contact:

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Front cover photo of curlycup gumweed (*Grindelia squarrosa*) and back cover photo of field bindweed (*Convolvulus arvensis*) by Leslie Beck.

COLLEGE OF
**AGRICULTURAL, CONSUMER
AND ENVIRONMENTAL SCIENCES**

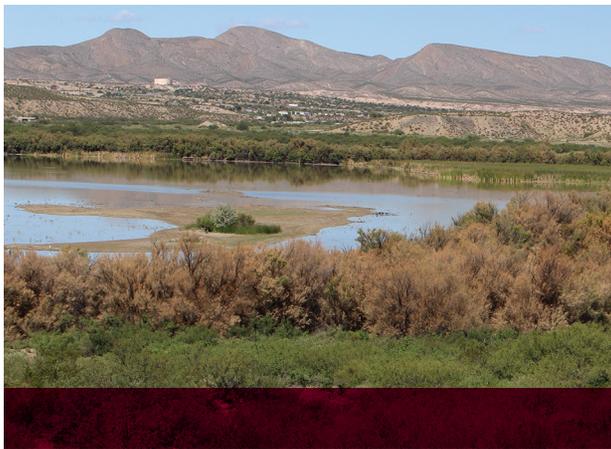


**EXTENSION
WEED SCIENCE**

COOPERATIVE EXTENSION SERVICE



All About Discovery!TM
New Mexico State University
weeds.nmsu.edu



MISSION STATEMENT

New Mexico State University's Extension Weed Science program was established to conduct educational and applied research programs in support of sustainable pest management practices and technologies that will enhance food safety, reduce the environmental impact of pest management practices, and maintain market competitiveness for New Mexico-grown field and horticultural crops.

Programs are designed to provide immediate and long-term support to stakeholders throughout the state of New Mexico.

Photo above of Saltcedar damaged by *Diorhabda* sp. herbivory by Leslie Beck.

CURRENT PROGRAMS

EDUCATIONAL PRESENTATIONS

- Agriculture Field Days
- Grower/Commodity Conferences
- Master Gardener Trainings
- Pesticide Applicator Trainings
- Pesticide Resistance Workshops
- Noxious Weeds Short Course and Workshops
- Youth/4-H Agriculture Days
- First Detector Trainings
- Navajo Farmer and Rancher Conferences

APPLIED RESEARCH

- Integrated Pest Management-based weed management in various cropping systems
- Biology, ecology, and management of noxious and toxic weeds
- Site-specific weed management

ACCOMPLISHMENTS AND IMPACTS

- Education and statewide monitoring of biological control of *Tamarix* sp. by the saltcedar leaf beetle (*Diorhabda* sp.)
- Extension Weed Science programs reach over a thousand stakeholders annually
- Developed portable weed specimen samples for hands-on education
- Clientele are assisted in developing cost-effective and environmentally sound integrated weed management systems to address their needs
- 94% of the attendees at educational programs indicate trainings enriched their understanding of weed management issues to a great extent
- 89% of the attendees indicated a change in ideas and practices based on information provided in the program