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

- Industry Partners: Valent U.S.A. Corporation, Gowan Co., Dow Agrosciences, Bayer CropSciences, Monsanto, Syngenta, DuPont, United Phosphorus Inc.
- County Extension Agents.
- New Mexico Vegetation Management Association.
- NMDA Noxious Weed Coordinator and NM Cooperative Weed Management Areas.

- Hispanic farmers and ranchers of America

Several multidisciplinary research/extension projects have developed with scientists from:

- NMSU’s Entomology, Plant Pathology and Weed Science, and Plant and Environmental Science Departments.
- University of Georgia, Kansas State University, Tennessee State University, University of California, and Texas A & M.

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Mission Statement

The 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 New Mexico’s stakeholders.

Current Programs

Educational presentations:
- Grower/Commodity Conferences
- Master Gardener Training
- Pesticide Applicator Training
- Pesticide Resistance Workshops
- Noxious Weeds Short Course and Workshops

Applied Research:
- Prevention and management of herbicide resistance.
- Innovative and reduced-risk weed managements in various cropping systems.
- Biology, ecology and management of noxious and toxic weeds.
- Site specific weed management.
- Integrated pest management in organic farming systems.

Accomplishments and Impacts

- Development of effective alternative herbicide options for control of Glyphosate-resistant Palmer amaranth (Amaranthus Palmeri) in horticultural and field crops of NM.
- Development of site specific weed managements in pecan and alfalfa.
- Extension Weed Science programs reach over a thousand stakeholders annually.
- Clientele are assisted in developing cost effective and environmentally sound integrated weed management systems.
- 95% of the attendees at educational programs indicate trainings enriched their understanding of weed management issues to a great extent.
- 94% of the attendees believed the training provide them worthwhile information.

New Mexico State University is an affirmative action/equal opportunity employer and educator. NMSU and the U.S. Department of Agriculture cooperating.