



Agricultural Science Center at Farmington

Our mission, since 1966, has been to assist growers, ranchers, the Navajo Agricultural Products Industry, and the San Juan Oil and Gas Producing Basin with research-based knowledge and technology to improve agriculturally, economically, or environmentally.



NMSU photo by Geraint Smith

Selected Program Impacts

- Assisting Master Gardner Program in San Juan County to help rural and small producers with production issues.
- Crop production for grain yield or forage has helped local producers increase profitability through variety selection, seed spacing, reduced seed costs and fertilizer requirements, and accurate irrigation requirements.

- Weed control in cropland and non-cropland has increased production in both crop and range.
- Bioenergy research using poplar hybrids has the potential to help the biofuel industry increase economic devolvement and create jobs.
- Increased grape vineyard production for rural areas has the potential for a new industry, thereby creating jobs for wineries.
- Research on medicinal herbs has lead to their increased use for health problems in the surrounding area and on the Navajo Nation.

- Using drip-type irrigation systems to conserve water without reducing production.
- Assisting the Bureau of Land Management Farmington Field Office and the San Juan Oil and Gas Producing Basin with selecting native and non-native grasses that produce forage when irrigated with varying levels of coal bed methane-produced water.

Future Research

- Variety testing of crops for optimal production.
- Weed control on both cropland and non-cropland, driven by growers and industry.
- Forage production of grass or legume.
- Hybrid poplar production for biofuel and/or remediation.
- Grape vineyard production.
- Medicinal herbs for health.
- Use of coal bed methane-produced water for native and non-native grass establishment on disturbed well sites and/or rights-of-way.
- Irrigation scheduling on crops either by drip or sprinkler for maximum production.

New Mexico State University – Agricultural Experiment Station System

Agricultural Science Center at Farmington
New Mexico State University
P.O. Box 1018, Farmington, NM 87401
Phone: (505) 960-7757, Fax: (505) 960-5246
Email: mwest@nmsu.edu



Live, Learn and Thrive.™