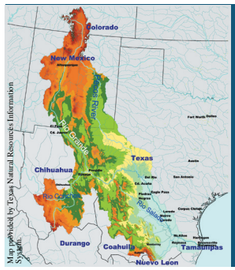
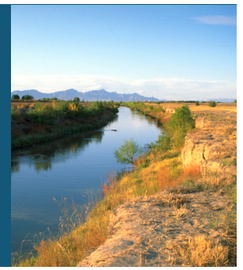
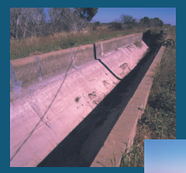


efficient irrigation for water conservation in the **Rio Grande Basin**



agriculture

- replacing inefficient irrigation methods



- improving irrigation infrastructure and management

- using the most effective irrigation systems

- using GIS data and satellite imagery to manage and model surface and groundwater

This Texas/New Mexico initiative focuses on research-based strategies to promote water conservation by

- increasing irrigation efficiency to economically produce field and horticultural crops and maintain attractive urban landscapes
- creating new water supplies through wastewater reuse and reclaimed saline water resources

a federal/state partnership:

The Texas A&M University System
- Texas Agricultural Experiment Station
- Texas Cooperative Extension
- Texas Water Resources Institute

New Mexico State University
- College of Agriculture and Home Economics
- Water Task Force

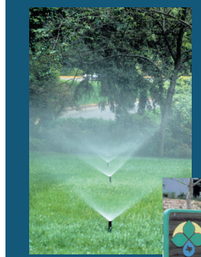
environment

- controlling aquatic weeds conserves water and protects water quality

- restoring and protecting riparian areas and habitats

cities

- reusing wastewater for golf courses and commercial areas



- conserving water in urban areas and landscapes

- improving in-home water usage

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