

## On-Farm Nutrient Management and Reduction Projects

### PROJECT FACT SHEET

**Project Title:** Tightening the phosphorus cycles on dairies of the Bosque and Leon River drainages.

**Project Lead:** [Texas Agricultural Experiment Station](#)

**Project Website:** <http://stephenville.tamu.edu/~jmuir/dairy.htm>

**Funding Sources:** NIWQP (USDA-CREES), TAES, TSU & TCE

**Project Partners:** [Tarleton State University](#) / [Texas Cooperative Extension](#)

**Project Description:** Regulatory agencies (both state and national) as well as dairies themselves can tighten the phosphorus cycling within dairies only if they have more accurate and locally relevant data. At present, such BMPs and regulations are based on data from outside the south-central region. This project will look at P, from gate to stream edge, on three dairies in the Bosque and Leon River water sheds, including feed, manure, soils, forages, insects, buffer strips and edge-of-fields. We will also look at the P sequestration capabilities of the principal soils found in the North Bosque & Leon River watersheds.

**Project Benefits:** Benefits include better understanding and more rational BMPs and regs for dairies, thereby improving phosphorus management for the region.

**Project Schedule:** 2004-2008

**Project Status:** Field and lab work in progress.

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