

PROJECT FACT SHEET

Project Title: Bioremediation and runoff containment of dairy manure-Phosphorus (P) saturated soils within the Bosque River Drainage

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

Principal Funding Provided By: [TCEQ \(EPA 319\)](#)

Supplemental Funding Provided By: TAES, TSU & TCE

Project Partner(s): [Tarleton State University](#) / [Texas Cooperative Extension](#)

Project Description: Dairy manure P has been and continues to be over-applied on crop fields adjacent to dairies or abandoned dairies. This can result in excessive P, Nitrogen (N) and organic matter runoff into surface water in the North Bosque. Best management practices are being developed, tested and divulged for sustainable agricultural practices or bioremediation of historically excessive manure applications to crop fields.

Project Benefits: Benefits include both containment (stable pastures and perennial vegetation buffers) and remediation (hay or silage removal) of hyper-P-saturated soils, thereby avoiding both present and future contamination of surface water.

Project Schedule: 2004-2008

Project Status: Funding application