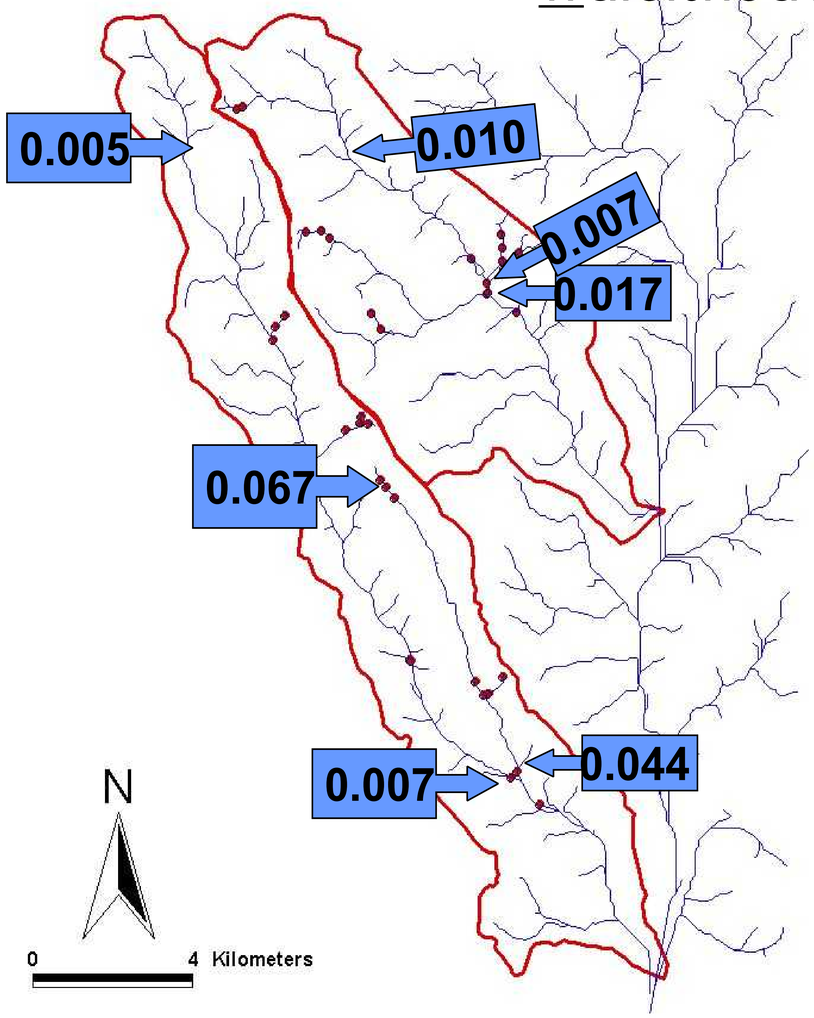
WATER/FAIR

Watershed Assessment Through Ecological Research
Farmers Active In Research

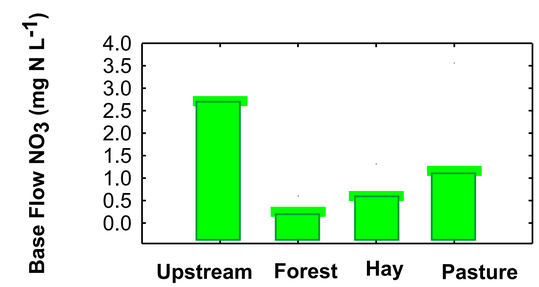


Farmers have become engaged with researchers in discussing results and implementing new management systems

Background Information:

- Rose and Greenbrier watersheds
- 18 Farm fields
- 66 small in-field runoff collectors
- 34 rising-flow stream collectors
- Base flow collected twice a month
- Runoff and stream storm flow collected after rain

Farms in WATER/FAIR reduced stream nutrient concentrations; hayfields were most effective.



Little to no financial burden to implement new systems.

* Blue boxes identify average dissolved P concentrations in stream base flow for 2004 and 2005.

Purpose:
Identify grassland systems to improve water quality on farms

Integrate cropping/grazing systems to improve farmer profits and water quality simultaneously

Participants: J. Phil Campbell Sr., Nat. Res. Cons. Cntr. Producers, UGA, NCSU, USDA-SARE, and USDA-NRCS

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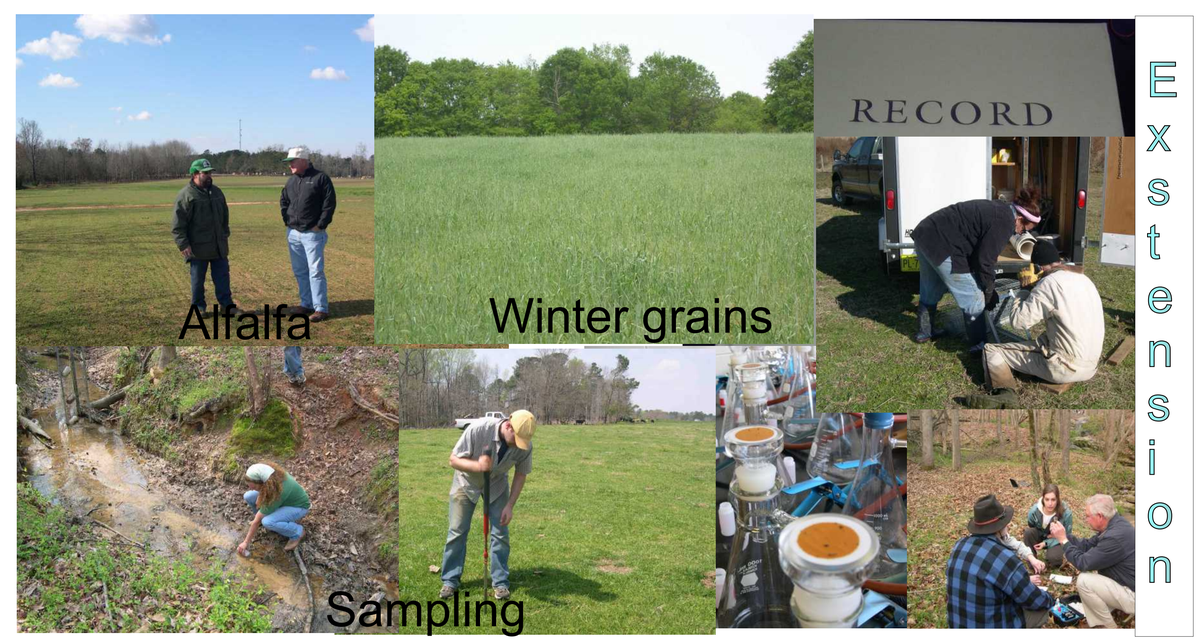

Managing change and changing management for cleaner water and small farm sustainability