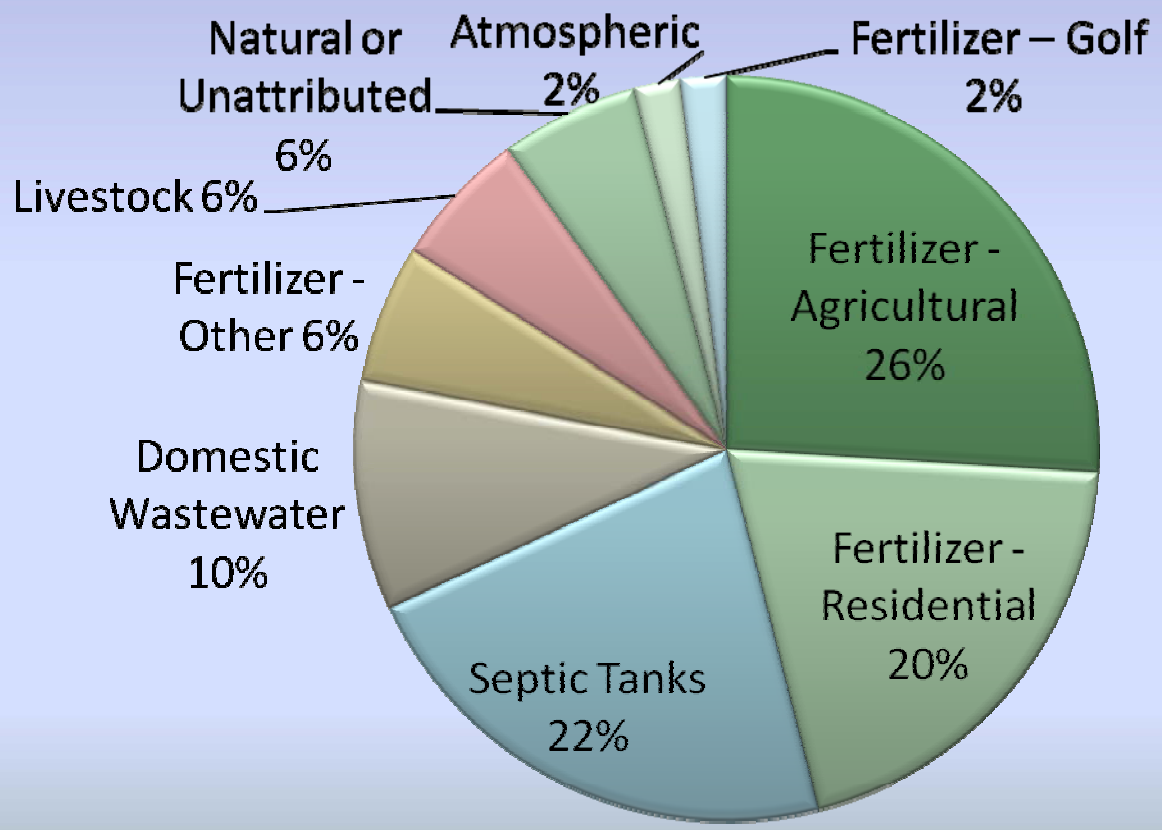
Wekiva River Basin Nitrate Sourcing Study

Phase I



Phase II

1. Test and supplement work of Phase I
2. Revisit nitrate loading estimates for residential fertilizer:
   - conduct field studies of nitrate concentrations
   - in shallow groundwater
   - from fertilizer application
3. 4 sampling events:

   One dry season – three wet season

   Data collection complete by early 2009

Homeowner Survey

1. Homeowner survey of fertilizer use by UCF Stormwater Academy complete. Final report by mid-July
2. Sampling to commence late July - mid-August
3. Three study groups will be compared:
    - **Group 1 –** Background Sampling Sites
    - **Group 2 –** Residential Sampling Sites
    - **Group 3 –** Residential Sampling Sites with BMPs