



Chesapeake Bay Day

October 5, 2005

at

**Henry A. Wallace
Beltsville Agricultural Research Center
USDA-Agricultural Research Service
Beltsville, Maryland 20705**



The Presentations will be on Current and Future Work to:

❖ Improve Water and Air Quality by

- Increasing crop nitrogen recovery
- Decreasing phosphorus losses from soil and manure
- Reducing ammonia losses

❖ Develop Better Manure Management Strategies by

- Reducing nutrient content of manure
- Reducing pathogen loads
- Developing novel on-farm methods to measure nutrient content of manure
- Utilizing modern manure treatment methods

❖ Improve Management of Agriculture and Adjacent Ecosystems by

- Enhancing precision farming with remote sensing techniques
- Establishing riparian zones and vegetative buffers
- Reducing non-point source pollutants
- Utilizing cover crops

❖ Future Opportunities and Promising Technologies include

- Designing environmentally-friendly production animals
- Producing energy from manure
- Assessing conservation practices within the Choptank watershed

For more information contact:

Dr. Tom Sexton at cbd@anri.barc.usda.gov or 301-504-8431



Animal and Natural Resources Institute
10300 Baltimore Avenue, Building 209, BARC-East
Beltsville, MD 20705-2350

