

Manure & Byproducts National Program Assessment Summary

- High capital cost projects (that land grant universities cannot afford) are a strength
- Economic analysis
- Evaluate cross-media impacts
- Working with end users, growers, extension, industry (communication tools)
- Collaboration across labs, land grants—keep lines of communication and possibility open
- Apply promising research from 1st 5 years to other geographic areas
- Focus on prevention, not remediation systems.
- The three components are right on the money.

1. Interaction with End users

- Some examples
- As a whole, Not
- Need to develop structure (permanent) for collaborating with land grants and other USDA, T agencies, TSP, Integrators
- Permanent Relationships

2. Need a reward system to promote collaboration

3. Greater Economic Analysis

4. Extend Promising Research to other Regions

5. International Cooperation/Collaboration

6. Serving the diversity of animal agricultural size

Strengths

1. Development/Implementation of Plan—keep emphasizing national coordination
2. Facilities/Staff for long-term research
3. Overall, lots of good research
4. Extent of Peer Review

Balance within Components

Balance is good, but if they had to choose, #1 priority is emissions, otherwise balance is very good

Focus on long-term research

Focus on high capital cost projects (that land grant universities cannot)

Economic analysis

Evaluate cross-media impacts

Working with end users, growers, extension, industry (communication tools)

Collaboration across labs, land grants

Apply promising research from 1st 5 years to other geographic areas

Focus on prevention (nutrient balance) not remediation systems.

Geographic solutions need emphasis

Manure recommendations and arid cropping systems

Evaluating byproducts as feed sources and environment risks (distillers grain from ethanol plants)

Systems for medium size operations

Emphasize watershed scale studies—de-emphasize field scale studies

Emphasize cost effective alternative technologies

There has to be some market potential and what market niche can you fill before you build the system

Management systems to integrate manure into the system can still be emphasized