Water for Food
ROBERT B. DAUGHERTY INSTITUTE
University of Nebraska
WRAP FORMED IN 2006 - EXPAND IN 2008

- State Agencies
  - Natural Resources
  - Game and Parks
  - Environmental Trust
  - Environmental Quality

- Water Users
  - Public Power
  - Irrigation
  - Industry
  - Agriculture
  - Public Drinking Water

- Environmental Education

- Natural Resources Districts

- Federal
- Legislature – Committee Chairs
  - Natural Resources
  - Agriculture

WRAP Meeting, September 29, 2010
Research Priorities Expanded (2009)

• Three Categories
  – Water Quantity
    – 8 topics
    – Added term “management”
  – Basin-specific - 4 topics
  – Water Quality
    – Originally 4 topics – revised/expanded to 8
    – More detailed subtopics also developed and ranked
Top Ranked Research Priorities by Category

• Water Quantity
  — Consumptive Use
  — Water Mgt – Improve Relevance, Efficiency and Effectiveness
  — Value of Water
  — Water Market Systems

• Basin-specific Priorities
  — Water Budgets
  — Aquifer Storage and Recovery
  — Managing the Impact of Cyclical Water Supplies (Drought and Flood)

• Water Quality
  — Standards for Nutrients in Flowing Waters
  — Livestock Manure Management
  — Riparian Buffer Strips
**Panel Questions**

- What are *your* research, education, and extension priorities?
- How do they compare to USDA’s critical topic areas?
  - Ensuring agricultural water security
  - Improving nutrient management in agricultural landscapes (focus on nitrogen and phosphorous)
  - Reducing impacts of chemicals of emerging concern and the presence and movement of waterborne pathogens in the landscape
- How will current trends impact your priorities?
- What resources will you need to respond to critical issues?
- How would you like to be involved to help insure relevancy of the proposals that move forward?
- How do you recommend reaching key audiences? measuring impacts?
- How do we best leverage our individual investments?