Crop Inventory

- What is needed?
- Why is it needed?
- What do I do with it?

Crop Inventory

- Conservation Record Book (or Agronomy Technical Note #20) used to collect cropland inventory information.
- Agronomy Technical Note #26 - Phosphorous Index

Information To Be Collected

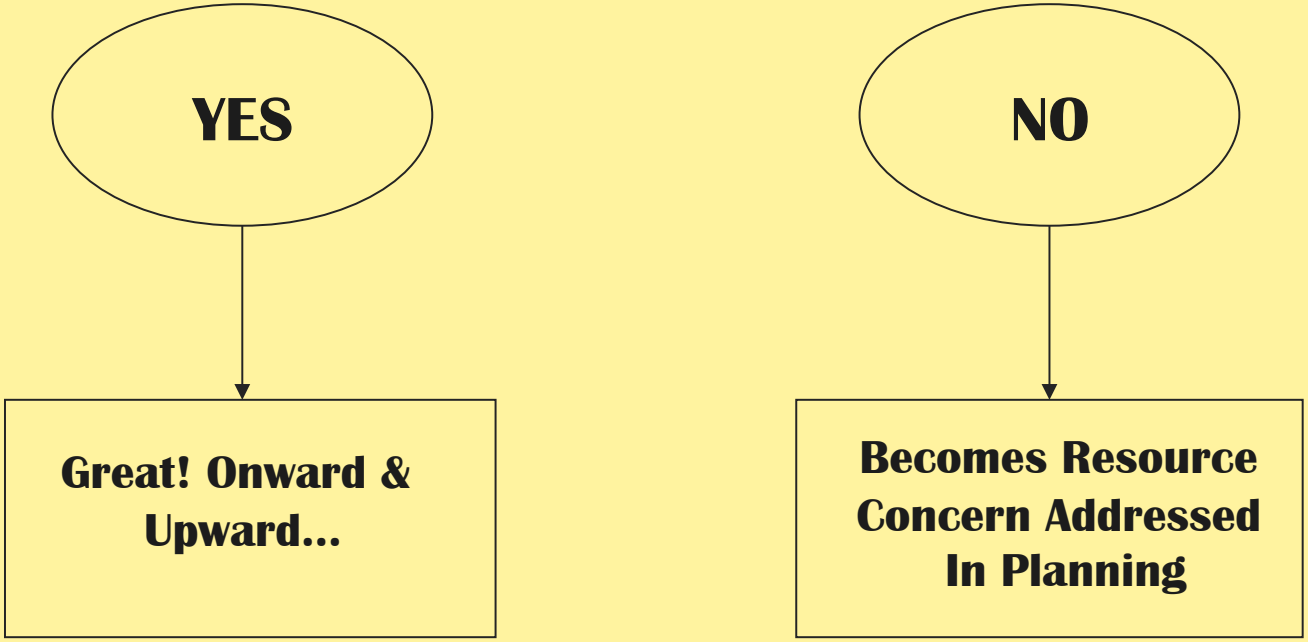
- Crop Rotation
- Tillage Operations: timing and sequence
- Nutrient Inputs
- Pest Management Inputs & Strategies
- Irrigation System & Management
- Field Data to Calculate Sheet & Rill Erosion
- Animal Feeding Operation Inventory
- Observations: classic gully, concentrated flow

Analysis Tools

- Revised Universal Soil Loss Equation (RUSLE2)
- Wind Erosion Equation (WEQ)
- Windows Pesticide Screening Tool (WinPST)
- Soil Conditioning Index (SCI)
- Soil Tillage Intensity Rating (STIR)
- Phosphorus Index (PI)
- Farm Irrigation Assessment
- Cost Comparisons, Crop Budgets

Cropland Inventory information allows you to make a decision:

Does this value (or condition) meet "Quality Criteria for this resource concern"?



Concerns on Cropland Can Typically Include:

- Soil Erosion - Sheet and Rill, Concentrated Flow, Gully, Wind
- Soil Condition - Tilth, Infiltration, Organic Matter, Compaction
- Water Quantity - Water Mgt on Irrigated and Non-Irrigated Land
- Water Quality - Pesticides, Nutrients and Organics
- Plants - Productivity
- Plants - Noxious and Invasives
- Animals - Food, Cover, and Shelter (Domentic & Wildlife)
- Air Quality – Chemical Drift, Odors
- Human - Economics, Change in Management, Labor

NRCS-Organic Cross-Training

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