WATER QUANTITY CONSERVATION PRACTICES

Steve Higgins, Director of Animal and Environmental Compliance University of Kentucky College of Agriculture, Food and Environment

Categories

- Flow Control
- Treatment
- Infiltration
- Retention/Detention
- Conservation
- Infrastructure Development

FLOW CONTROL

- Tile Drainage Reverse Flow System
- Variable Rate Nozzles
- Drainage Water Management (554)
- Structure for Water Control (587)
- Diversion (362)
- Pumping Plant (533)
- Irrigation Pipeline (430)
- Irrigation System, Microirrigation (441)
- Irrigation System, Surface and Subsurface (443)
- Irrigation Water Management (449)
- Tailwater Recovery (447)
- Sprinkler System (442)
- Water Harvesting Catchment (636)

TREATMENT

- Vegetated Treatment Area (635)
- Filter Strip (393)
- Constructed Wetland (656)

INFILTRATION

- Infiltration Basins Filter Strip (393)
- Deep Tillage (324)

RETENTION/ DETENTION

- Aquaculture Pond (397)
- Dike (356)
- Pond (378)
- Irrigation Reservoir (436)
- Pond Sealing and Lining (520, 521, 522)

CONSERVATION

- Conservation Cover (327)
- Conservation Crop Rotation (328)
- Cover Crop (340)
- Composting Facility (317)
- Nutrient Management (590)
- Contour Farming (330)
- Grade Stabilization Structure (410)
- Mulching (484)
- Stripcropping (585)
- Terrace (600)
- Critical Area Planting (342)
- Grassed Waterway (412)

Practices cont...

- Residue and Tillage Management, Reduced Till (345)
- Conservation Cover (327)
- Residue and Tillage Management, Reduced Till (345)
- Contour Buffer Strips (332)
- Riparian Forest Buffer (391)
- Farmstead Energy Improvement (374)
- Genetic Improvements
- Controlled Traffic Farming (334)
- Tree/Shrub Establishment (612)

INFRASTRUCTURE DEVELOPMENT

- Heavy Use Area Protection (561)
- Roof Runoff Structure (558)
- Roofs and Covers (367)
- Spring Development (574)
- Lighting System Improvement (670)
- Livestock Shelter Structure (576)
- Irrigation Land Leveling (464)
- Dry Hydrant (432)
- Access Control (472)
- Access Road (560)
- Animal Trails and Walkways (575)
- Water Well (642)
- Watering Facility (614)