

GUIDANCE DOCUMENT

Land Use: Wildlife - Quail

Cooperator: R. White

Tract No.: 1402

Date: October 2005

Field No.: 8,10,11

Acres: 60

Selected Treatment Level (circle one):
RMS; Resource Concern; Practice

Soil: Duffield Silt Loam 2-6%

T= 3 t/ac

Assisted By: RDH

RESOURCE CONCERNS

| Benchmark | Soil | Water | Plants | Animals | Air |
|--|--------------------------------|---|--------|--|-----|
| No winter survival of quail | | | N/A | Fish and Wildlife - Inadequate Food | N/A |
| | | | | Fish and Wildlife - Inadequate Cover/Shelter | |
| Continuous corn - Soil erosion at 4 tons /ac | Soil Erosion - Sheet and Rill | | | | |
| Ephemeral gully erosion | Soil Erosion - Ephemeral Gully | | | | |
| Runoff directly into sinkhole | | Water Quality - Excessive Nutrients and Organics in Groundwater | | | |

EFFECTS GUIDANCE DOCUMENT FOR ALTERNATIVE RESOURCE CONCERNS

RESOURCE CONCERNS

| Alternative #1 | Soil | | Water | Plants | Animals | | Air |
|--|-------------------------------|--------------------------------|---|--------|-------------------------------------|--|-----|
| | Soil Erosion - Sheet and Rill | Soil Erosion - Ephemeral Gully | Water Quality - Excessive Nutrients and Organics in Groundwater | N/A | Fish and Wildlife - Inadequate Food | Fish and Wildlife - Inadequate Cover/Shelter | N/A |
| Upland Wildlife Habitat Management (645) | +1 | ----- | ----- | N/A | +5 | +5 | N/A |
| Cover Crop (340) | +1 | ----- | +2 | N/A | +1 | +1 | N/A |
| Conservation Crop Rotation (328) | +5 | +3 | +3 | N/A | +1 | +1 | N/A |
| Contour Farming (330) | +2 | +2 | +1 | N/A | ----- | ----- | N/A |
| TOTAL: | +9 | +5 | +6 | N/A | +7 | +7 | N/A |

| Alternative #2 | Soil | | Water | Plants | Animals | | Air |
|---|-------------------------------|--------------------------------|---|--------|-------------------------------------|--|-----|
| | Soil Erosion - Sheet and Rill | Soil Erosion - Ephemeral Gully | Water Quality - Excessive Nutrients and Organics in Groundwater | N/A | Fish and Wildlife - Inadequate Food | Fish and Wildlife - Inadequate Cover/Shelter | N/A |
| Upland Wildlife Habitat Management (645) | +1 | ----- | ----- | N/A | +5 | +5 | N/A |
| Residue Management, No-Till and Strip Till (329A) | +4 | +1 | +2 | N/A | ----- | ----- | N/A |
| Nutrient Management (590) | +1 | ----- | +5 | N/A | ----- | ----- | N/A |
| Grassed Waterway (412) | ----- | +5 | +4 | N/A | ----- | ----- | N/A |
| TOTAL: | +6 | +6 | +11 | N/A | +5 | +5 | N/A |