

## Conservation Effects

**Land use:** Cropland

**Guidance Document ID#:** C12

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**Resource Setting:** Orchard, vineyard, or ornamental nursery not adjacent to surface water. Not irrigated.

### **RMS Alternative #1**

Contour Orchard and Other Fruit (331)

Grade Stabilization Structure (410)

Grassed Waterway (412)

Nutrient Management (590)

Pest Management (595)

Typical Resource Concerns	Practice(s) that treat the resource concern to Quality Criteria levels*	Comments
<b>SOIL Erosion</b>		
1) Sheet & rill erosion	Contour Orchard and Other Fruit (331)	soil loss less than "T"
2) Ephemeral gully/concentrated flow erosion	Grassed Waterway (412)	gullies stabilized
3) Classic gully/concentrated flow erosion	Grade Stabilization Structure (410)	gullies stabilized
<b>WATER Quality – ground water</b>		
1) Pesticides	Pest Management (595)	pesticide movement minimized
2) Nutrients	Nutrient Management (590)	nutrient movement minimized
<b>WATER Quality – surface water – no concern</b>		
<b>WATER Quantity – no concern</b>		
<b>AIR</b>		
1) Airborne Chemical Drift	Pest Management (595)	Application in compliance with laws and consistent with Drift Management Plan.
<b>PLANTS</b>		
1) Invasive species and noxious weeds	Pest Management (595)	Invasive species and noxious weeds controlled.
2) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.
<b>ANIMAL Habitat – no concern</b>		
<b>ANIMAL Management</b>		
1) Threatened and endangered species	Pest Management (595)	Laws regarding T&E species followed.

\* Practices must be installed according to NRCS practice standards found in FOTG Section IV. General criteria (or design criteria), Additional Criteria specific to the resource concern, and Operation and Maintenance requirements must be met.