Contour Farming (330)

Initial setting: Sloping cropland, subject to sheet and rill erosion

1. Ridges
   - D.1 (+) Time and skills required by farmer
   - I.1 (+) Soil health
   - I.2 (+) Crop production
   - I.3 (-) Sheet and rill erosion
   - I.4 (-) Sediment-borne contaminants
   - I.5 (+) Net return to farmer
   - C.1 (+/-) Income and income stability (individuals and community)
   - I.6 (+) Labor costs
   - I.7 (-) Net return to farmer
   - C.2 (+/-) Quality of receiving waters

2. Modified row direction
   - D.2 (-) Runoff velocity
   - I.8 (-) Waterborne contaminants to receiving water bodies
   - I.9 (-) Runoff volume

3. Reduced row grade
   - D.3 (+) Equipment restrictions
   - I.10 (+) Water storage in soil profile
   - D.4 (+) Water infiltration
   - I.10 (+) Water storage in soil profile

Residue and Tillage Management (326, 345)
Contour Buffer Strips (332)
Stable Infiltration Outlet (associated treatment)

Notes:
- Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.