Contour Farming (330)

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

1. Ridges
2. Modified row direction
3. Reduced row grade

D.1 (+) Time and skills required by farmer
D.2 (-) Runoff velocity
D.3 (+) Equipment restrictions
D.4 (+) Water infiltration

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
I.6 (+) Labor costs
I.7 (-) Net return to farmer
I.8 (-) Water-borne contaminants to receiving water bodies
I.9 (-) Runoff volume
I.10 (+) Water storage in soil profile

C.1 (+/-) Income and income stability (individuals and community)
C.2 (+/-) Quality of receiving waters
C.3 (+) Fishable and swimmable waters; reduced health and safety issues for humans, domestic, and wild animals

LEGEND
# Created by practice
D Direct effect
I Indirect effect
C Cumulative effect
Pathway
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.