Contour Orchard and Other Perennial Crops (331)

1. Creation of benches, ridges, or terrace and modification of row direction and row grade

2. Establishment of woody biomass of desired species

D.1 (+) Cost of installation and maintenance; time and skill required by producer (short-term)

D.2 (+) Equipment

D.3 (-) Runoff velocity

D.4 (+) Water infiltration

D.5 (+) Carbon stored in vegetation

D.6 (+) Canopy cover and vertical vegetative structure

I.1 (-) Labor, following installation (long-term)

I.3 (-) Sheet and rill and ephemeral gully erosion

I.10 (-) Runoff volume

I.11 (+) Water-borne contaminants

I.14 (+) Biofiltration

I.15 (+) Wildlife food and cover

I.16 (+) Upland wildlife

I.17 (+) Recreational opportunities

C.1 (+) Quality of receiving waters

C.2 (+) Fishable and swimmable waters

C.3 (+) Air quality

C.4 (+) Income and income stability (individuals and communities)

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.