NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Grade Stabilization Structure (410)

Initial setting: Natural or artificial channel downcutting or creating gullies

Legend:
- #: Created by practice
- D: Direct effect
- I: Indirect effect
- C: Cumulative effect
- 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.

Notes:
- Start

I. Structure stabilizes grade and controls erosion
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  2. Decreased slope above structure
  3. Sedimentation above structure

I.1 (+) Channel stability
I.2 (-) Head cutting and channel erosion
I.3 (+) Upstream sediment deposition
I.4 (+) Crop production
I.5 (+) Aquatic and animal habitat
I.6 (-) Overland and gully erosion
I.7 (+) Ponding behind structure
I.8 (-) Downstream deposition
I.9 (+) Surface water quality
I.10 (-) Tillage
I.11 (-) Fossil fuel use
I.12 (-) Greenhouse gas emissions
C.1 (+/-) Income and income stability (individuals and community)
C.2 (+) Fishable and swimmable waters; reduced health and safety issues for humans, domestic, and wild animals.
C.3 (+) Air quality of the airshed

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