NRCS CONSERVATION PRACTICE EFFECTS NETWORK DIAGRAM

Start

Initial setting: Land requiring natural resource protection that does not have vegetative cover

Conservation Cover (327)

1. Permanent vegetative cover established

D.1 (-) Wind erosion

D.2 (-) Energy inputs

I.1 (-) Particulate matter

C.1 (+) Air quality

D.3 (+) Soil organic matter

I.3 (+) Carbon storage

1.2 (-) Greenhouse gases

C.2 (+) Soil health

D.4 (-) Water erosion

I.4 (+) Quality of runoff water

D.5 (-) Volume of water runoff

I.5 (-) Sedimentation

D.6 (-) Acres of cropland production

D.7 (+) Cost of establishment and maintenance

D.8 (+) Wildlife food and cover

D.9 (+) Wildlife habitat

D.10 (-) Volume of water runoff

D.11 (-) Acres of cropland production

D.12 (+) Cost of establishment and maintenance

D.13 (-) Wildlife food and cover

D.14 (-) Wildlife habitat

I.9 (-) Potential income

I.10 (+/-) Net returns

I.11 (+) Wildlife habitat

I.12 (+) Upland wildlife populations

I.13 (-) Habitat fragmentation

I.14 (-) Potential income

I.15 (+/-) Net returns

I.16 (+) Recreational opportunities

I.17 (+) Biodiversity

C.3 (+) Fishable, swimmable, and drinkable waters

C.4. (+) Quality of receiving waters

I.7 (+) Uptake of residual nutrients (by permanent vegetation)

I.18 (-) Contaminates, animal waste, commercial fertilizer

I.19 (+) Income and income stability (individual and community)

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.