NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Cover Crop (340)
Conservation Crop Rotation (328)
Residue and Tillage Management, No Till (329)
Residue and Tillage Management, Reduced Till (345)

Controlled Traffic Farming (334)

1. Heavy axle loads confined to permanent tramlines or controlled traffic lanes.

D.1 (-) Soil compaction to 30% of the area or less.
D.2 (+) Crop rooting depth

I.1 (+) Vehicle traction
I.3 (+) Soil water holding capacity.
I.4 (+) Soil health

I.2 (+) Cost to retrofit equipment to match tramline widths.
I.5 (+) Fuel efficiency

C.2 (+) Income and income stability (individuals and community)
C.1 (+) Crop yields

I.6 (+) Nutrient use and efficiency

Initial setting: Cropland has compacted soils that limit crop growth.

Legend:
Mitigating practice
Associated practice

# 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.