NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Residue and Tillage Management, No Till (329)
Residue and Tillage Management, Reduced Till (345)

Field Operations Emissions Reduction (376)

1. Modification of equipment, timing of field operations, cultural measures; and implementing alternative equipment technology and precision guidance systems

D.1 (+) Cost to upgrade equipment
D.2 (-) Number of equipment passes
D.3 (-) Soil disturbance
D.4 (+) Strategic timing of field operations

I.1 (-) Fuel and Maintenance cost
I.2 (-) Soil erosion (wind and water)
I.3 (+) Long-term sustainability of the community
I.4 (+) Water quality
I.5 (+) Air quality
I.6 (+) Long-term sustainability for crop production

C.1 (+) Sustainability of agriculture income
C.2 (+) Sustainability of agriculture production
C.3 (+) Ability to meet air quality standards
C.4 (+) Human health and well-being

Initial setting: Crop, range, pasture, and forestland located in an area identified as not meeting the national ambient air quality standards due to particulate matter emissions.

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.