NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Woody Residue Treatment (384)

Initial setting: Lands with quantities of woody slash and debris that are treated during forestry, agroforestry, and horticultural activities. Sites are or can be browsed and/or grazed by wildlife and livestock.

D.2 (-) Organic matter (if removed from site or burned)

D.3 (+) Cost of operation

D.4 (+) Landowner income; contractor income

D.5 (-) Pest hazard (e.g., Ips beetle)

D.6 (-) Fire hazard onsite

D.7 (-) Physical obstructions to human management, wildlife/livestock movement

D.8 (-) Fire hazard offsite - in adjacent areas and airshed

D.9 (-) Surface erosion, runoff, and sediment production

D.1 (+) Surface erosion, runoff and sediment production

C.1 (-) Site productivity and biodiversity

C.2 (+) Woodforest business and support infrastructure

C.3 (+) Wildlife and recreation business opportunities

C.4 (+) Livestock business and support infrastructure

C.5 (+) Air quality of the airshed

C.6 (+) Income stability (individuals and community)

C.7 (+) Health and safety for humans and domestic animals; (+/-) health and safety for wild animals

C.8 (+) Livestock grazing

C.9 (+) Air quality (long term)

C.10 (+) Forage/browse utilization

I.1 (-) Site level nutrients and associated macro/micro-organisms

I.2 (+/-) Quality of receiving waters

I.3 (+/-) Net return

I.4 (-) Landowner liability and risk; damage to structures and resources; outlay of repair and restoration of structures

I.5 (+) Forage/browse utilization

I.6 (+) Livestock grazing

I.7 (-) Emissions: embers, particulate matter, CO/CO2, volatile organics, nitrogen oxide within the airshed

I.8 (-) Greenhouse gases

I.9 (+) Greenhouse gases

I.10 (+) Air quality (long term)

I.11 (+) Health and safety for humans and domestic animals; (+/-) health and safety for wild animals

I.12 (+) Forage/browse utilization

LEGENDE

Mitigating practice

Associated practice

# - Created by practice

D - Direct effect

I - Indirect effect

C - Cumulative effect

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.