NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

March 2014

Forage Harvest Management (511)

Herbaceous Weed Control (315)

Nutrient Management (590)

Prescribed Grazing (528)

Forage and Biomass Planting (512)

Initial setting: Land suitable for production of annual, biennial or perennial species for forage or biomass

Start

Forage crops adapted to local climate and soils with best resistance to stand reducing diseases and/or insects are established as needed

D.1 (+) Improve or maintain livestock nutrition and/or health

D.2 (+) Plant productivity and condition

D.3 (+) Improved soil cover

D.4 Air quality (-) Particulates (+/-) Greenhouse gases (+) Visibility

I.1 (+) Quality/quantity of commodities

I.2 (+) Provide alternative forage crops for grazing or machine harvest

I. 3 (+) Weed suppression

I.4 (+) Improve soil quality

I.5 (+) Upland wildlife habitat

I.6 (+) Carbon storage

I.7 (+) Reduce runoff and soil erosion

I.8 (+) Improve water quality

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

C.2 (+) Maintain or enhance long-term soil productivity

C.3 (+) Populations of wild animals, recreational opportunities

C.4 (+) Aquatic ecosystems; health of humans, domestic and wild animals

C.5 (+) Air quality of the airshed

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.