Initial setting: All land uses where precision land forming is practical and needed and suitable soil conditions exist.

Precision Land Forming (462)

1. Reshaped land surface to planned grades.

D.1 (-) Soil organic matter

D.2 (+) Runoff from area

D.3 (-) Ponding

D.4 (-) Excessive subsurface water and seepage

D.5 (+) Cost of materials, installation, and maintenance

I.1 (-) Soil quality

I.2 (+) Ability to maintain or gain full use of all available land and/or facilities

I.3 (+) Land values

I.4 (+) Water yield

I.5 (+) Contaminants, pathogens, sediments to receiving waters

I.6 (+/-) Quality of surface waters and aquatic habitats

I.7 (+) Vector control

I.8 (+) Water use efficiency

I.9 (+) Crop productivity health and vigor

I.10 (+) Net return

I.11 (-) Microtopography

I.12 (-) Wildlife habitat

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

C.2 (+) Health of humans, domestic and wild animals

C.3 (-) Biodiversity

LEGEND

# Created by practice

D Direct effect

I Indirect effect

C Cumulative effect

Mitigating practice

Associated practice

Pathway

Note: 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.