Irrigation Ditch Lining (428)

1. Lining installed in irrigation supply ditches and canals

D.1 (+) Construction, infrastructure and operating costs

I.1 (+) Cost to farmer

I.2 (+) Plant productivity and vigor

I.3. (-) Pumping requirements

I.4. (+) Efficient use of water on irrigated land.

D.2 (+) Efficient use of water on irrigated land.

I.8 (+) Agribusiness

D.3 (-) Water conveyance losses from seepage.

I.9 (+) Farm/Ranch profitability

I.10. (-) Sediment deposition in watercourses

I.7. (-) Existing established riparian habitat dependent upon seepage.

I.5. (-) Nutrients in surface and groundwater

I.6. (-) Nutrients in surface and groundwater

I.4. (+) Water Quantity

C.2 (+/-) Environmental Quality

C.3 (+) Water Quality

I.5. (-) Soil Erosion

I.6. (-) Nutrients in surface and groundwater

I.7. (-) Existing established riparian habitat dependent upon seepage.

I.9. (+) Farm/Ranch profitability

I.1. (+) Cost to farmer

D.1 (+) Construction, infrastructure and operating costs

I.2. (+) Plant productivity and vigor

Leaves

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.