Sprinkler System, (442)  
(New System)

1. Installed sprinkler irrigation system. Sprinkler nozzles may be fixed in place, moved periodically or moved continuously.

D.2 (+) Water delivery to crop

D.3 (+) Cost of installation, operation, and maintenance

D.4 (+) Agri-chemicals delivery to crop

D.5 (+) Erosion potential; (+) potential for deep percolation

I.1 (-) Water for other downstream uses

I.2 (+/-) Potential energy use

I.3 (+) Crop vigor and production

I.4 (+) Biomass

I.5 (+) Soil quality

I.6 (+) Potential income

I.7 (+/-) Net return

I.8 (+) Agri-chemical use efficiency

I.9 (-) Energy use

I.10 (+/-) Net return

C.1 (+/-) Fish and wildlife habitat and biodiversity

C.2 (+/-) Income and income stability (individuals and community)

C.3 (+/-) Quality of receiving waters

Initial setting: Agricultural land where irrigation/chemigation is needed to enhance plant growth and/or to improve the efficiency of the current system.