Energy Efficient Lighting System (670)

1. Complete replacement or retrofitting of one or more components of an existing agricultural lighting system.

D.4 (+) Proper disposal of used equipment or waste materials:
- Solid Waste
- PCB
- Mercury

D.7 (+) Desired light levels

D.6 (+/-) Agricultural production

D.5 (+) Installation Costs

D.8 (-) Fire hazard

D.9 (+) Income for local business(es)

C.6 (+/-) Income and income stability (Individuals and community)

C.5 (+) Health and human welfare

C.4 (+) Quality of receiving waters

I.6 (+/-) Net return to producer

I.7 (+) Human and animal safety

D.7 (+) Desired light levels

I.1 (-) PM emissions

I.2 (-) Ozone precursor emissions

I.3 (+) Water Quality

D.2 (-) Onsite electricity use

D.3 (-) Operation and maintenance costs

I.5 (-) Offsite electricity production

C.2 (-) Greenhouse Gas Emissions

C.1 (+) Air Quality

C.3 (+) U.S. Energy Security

C.5 (+) Health and human welfare

Initial Setting: Any agricultural facility with an existing lighting system and a completed energy assessment.

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.