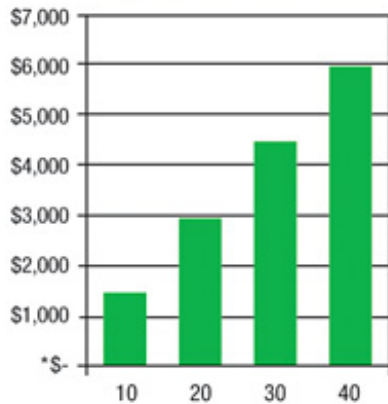
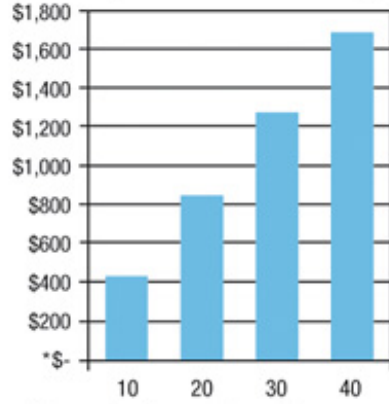


## Valley Sprinkler Upgrades

**Potential Savings per 1000 Hours of Operation with Diesel**



**Potential Savings per 1000 Hours of Operation with Electricity**



**Drop in Operating Pressure (psi) Drop in Operating Pressure (psi)**

Graphs based on 850 gpm, 80% pump efficiency, \$4.00/gallon diesel fuel or \$0.08/kW-hr electricity. Savings will also vary on how well the pump and engine fit the lower operating pressure.

\*All dollar amounts in \$USD.

### Low pressure sprinklers conserve energy.

- Rely on NEW low-pressure sprinkler technology to reduce your energy bill
- Effectively operate sprinklers at 10-20 psi (.68 - 1.37 bar)

### New sprinkler technology provides efficiency and uniformity.

- Droplet size designed for minimum wind drift
- Ultimate water savings achieved when used in combination with drops
- Even distribution of water across the field ensures maximum yields
- Replace or add pressure regulators to achieve proper flows from each nozzle
- Worn out regulators and pressure nozzles decrease efficiency and uniformity



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