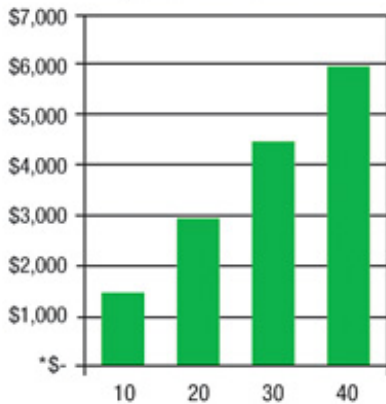
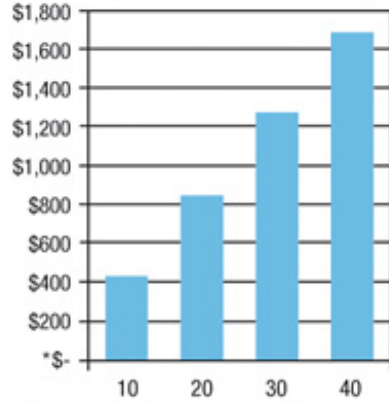


Valley Sprinkler Upgrades

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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