



Leading California Garlic Producer Cuts Energy Use 50%, Earns Quick ROI with New Williams GL Lighting System

Christopher Ranch, Gilroy, CA - a leading producer and processor of garlic. Energy costs for the \$100 million dollar family business is always a prime concern.

"This is a very energy intensive business," explained Jerry Warren, Maintenance Manager at Christopher Ranch. "When an energy audit of our operations pinpointed ways we could save energy without changing plant operations and maintain a quality work environment, we formed a team and began to look into the details."

Warren's team evaluated the latest options in lighting technology for a replacement to the existing 400-watt metal halide lighting. "Our electrical distributor salesperson suggested we consider the Williams GL Low Profile system as an HID alternative. The GL system was much more energy efficient, reduced energy usage by 50%, and provided quality, uniform light levels."

Job Specific Information:

- 359 existing 400-watt metal halide luminaires were replaced one-for-one with the Williams GL
- Energy consumption per unit was reduced 50% (from 465 to 234 input watts)
- Return on investment is less than 2 years
- The new lighting equipment qualified for a rebate from the local utility
- Mounted 18' - 25' above the floor, providing 24 footcandles (maintained) on the floor



A Visible Difference