

# Advanced BioTech

*Developer of BioWorld Products*

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## **WINERY PROCESSOR WASTEWATER ODORS**

### **Project Situation**

A California winery processing facility discharged 3 – 4 million gallons of wastewater covering a 120 acre area one foot deep. The large amount of wastewater applied to the field over a short period of time created water penetration and odor problems.

### **Products/Technology Used**

BioWorld was contacted to help enhance water penetration and minimize the potential for odor problems.

BioWorld Liquid Optimizer Plus (Product #55250) was aerially applied to the field at the rate of 1-2 gallons per acre. When the area was dry enough, discing was conducted to help incorporate the Optimizer Plus, aerate the soil and improve future water penetration.

### **Results**

BioWorld Liquid Optimizer Plus virtually eliminated the odors from the standing wastewater in the field and improved water penetration. On-going wastewater treatment using the Optimizer Plus technology prior to field discharge was continued by metering the product into an upstream sump at a rate of 2 gallons Optimizer Plus to 100,000 – 120,000 gallons of wastewater. Good results were maintained using BioWorld.