



GG901+7Zn

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Multi-Nutrient Liquid Fertilizers

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GOLD'n GRO Wine Grape Trial

9-0-1+7%Zn

Included in this report is a GOLD'n GRO Field Trial Report, which is summarized below. The purpose is to demonstrate how GOLD'n GRO micronutrient fertilizers work. Nutrient uptake is the focus here, because it is nearly impossible to obtain valid yield comparisons under field conditions. The trial presented is under normal field conditions at the grower locations where the trials were conducted.

This was one of the first field trials for GOLD'n GRO 9-0-1+7% Zinc. conducted in summer 2002. The comparison was to Actagro 6.5% Zinc, a Nutrien "in-house" fertilizer that we compete with. The comparison shows that GOLD'nGRO zinc uptake by the grape vines was 30% higher. GOLD'n GRO 9-0-1+7% Zinc has been our best-selling fertilizer since its introduction in 2002.





Wine Grape Trial

Comparing two Zinc chelates for efficacy

Co-operator: Tierra Vintosa, King City, CA
Fieldman: John Cooseboom, WFS

Zinc chelates

1. Gold 'n Gro 9-0-1 + 7% Zinc chelate (derived from EDTA and Citric acid)
2. Actagro 6.5% (derived from Citric acid and organic acids – Leonardite)

Each product was applied at 1.5 gallons per acre to separate adjoining 20 acre blocks of young wine grapes. Each 20 acre block had 1.5 gallons of Zinc chelate applied as fertigation through drip irrigation in May, 2002. A second application was made in June, 2002, also at 1.5 gallons per acre. Petiole tissues were taken in July, 2002.

Petiole samples report attached.

Zinc levels in tissue ppm:

Gold 'n Gro 7% Zinc – 39

Actagro 6.5 % Zinc – 30

Gold 'n Gro has a 30% increase of Zinc metal in the plant tissue compared to test.