

Building Foundations

Zynergy® a fertilizer with unique benefits for Grape Growers

Grape Vines are vulnerable to injuries from mechanical wounds created from the current cultural practice of pruning. Pruning results in grower inflicted intentional wounds which lend themselves to intrusion from diseases and insects.

These wounds attract pests and disease due to the phytochemicals dispersed from exposed tissue. Pruning to control terminal growth by growers create many sites, which heightens exposure.

When vine tissue is damaged or wounded (especially from pruning), the newly uncovered tissue is exposed and that is when to expect an attack.

Diseases affecting vines will introduce enzymes into the cells, digesting living tissue responsible for food and water translocation (phloem and xylem) or structural support resulting in unhealthy, unsightly, or unsafe vines. Insect pests are drawn to vines in distress, feeding on the tissue and weakening the vineyard.



Benefits and Analysis

Zinc is involved in the formation and activation of hormones that regulate many processes within vineyards. Zinc plays a major role in the structure and function of the integumentary system, affecting skin elasticity, wound healing and disease suppression.

Copper is involved in photosynthesis and the binding of cells that support plant structure, affecting stem strength and the development of new shoot and root tissue. Copper forms part of the phenolic compounds used by vines to suppress infection. Routine foliar treatment can be very effective, especially during the early stages of plant development and times of stress.

Copper as a fungicide isn't just one singular product. It's a category of products with copper as an active ingredient used to prevent bacterial and fungal diseases to save your trees.

Further Understanding:

The active ingredient is the positively charged copper ion, Cu^{+2} . Bacteria and fungi are sensitive to this copper ion, which stops spreading when you apply the fungicide.

Sulfur is a natural element that is essential for plant health.

Read and follow label specific guidelines for the application and use of **Cell Power® Zynergy**. Crop specific recommendations and ingredients are on the product label for reference. Consult the label for further use instructions or contact **OMEX® USA**.



pioneering plant health

Have a question? Contact our team

559-661-6138

or write us at omexusa@omex.com.

