

Cell Power®

Zynergy™ for Hail Damage



Steps to Combat Hail Damage:

Hail can severely damage all plants. The severity of the damage depends on the size of the hailstones and the time of the year that the hailstorm occurs. Hail can effect perennial and annual crops different.

- In annual plants, trying to preserve the quality of the remaining crop is the main concern.
- In perennial plants, preserving the quality of the remaining crop is a concern, but it is also important to consider long term effects that the damage may cause. The later in the growing season that hail damage occurs the less time plants have to recover and store energy for the winter. Trees have a unique set of problems, and they often must be more closely evaluated.

Once the hail storm has passed, crop triage becomes essential in the recovery process. Whether the damage is foliar only, or foliage and fruit, the plant has been damaged. If you are dealing with an annual crop or a perennial crop your goals should be to Identify the damage, help start the healing process, and help prevent further damage.

Pests and diseases can enter fruit, leaves, and bark through wounds caused by hail. Disease control is absolutely essential after hail damage.



Looking for signs of hail damage in fruit trees:

- 1) Trees may be completely stripped of leaves and fruit.
- 2) Leaves can be bruised, torn, tattered, have holes in them or be completely knocked off the plant.
- 3) Stems and branches can be broken, bruised, and scarred.
- 4) Flowers can be damaged. This can be difficult to detect, so if flowers have been knocked off the tree take a closer look at the flowers remaining
- 5) Fruit can be bruised, have chunks of flesh removed or be knocked to the ground.
- 6) Trees can be misshapen by broken limbs and may even need retraining.

1) **PREPARE: preventative applications of Zynergy™** can help provide vital micronutrients and help sanitize the plant surface prior to potential damage. This can help minimize temp between damage and application after the storm.

2) **IDENTIFY** the extent of damage.

3) **HELP** the plant initiate a response by sealing wounds and sanitizing damaged tissue. This should be the growers first and primary concern in an effort to save as much of the crop as possible. This should be done with a **foliar spray of Zynergy™ as soon as the grower can get into the field.** This application not only provides essential metallic ion micronutrients, but also helps for rapid healing of the wounded tissue.

3) **FOLLOWUP:** Depending on the severity of the damage and current environmental conditions a **second or even third application of Zynergy™** could be warranted at 2 day intervals.

4) **RECOVERY:** Surviving plants and trees will also benefit from a foliar application of **SizeN®** nitrogen and **LifeOmex®** about a week after the damage occurred. These applications will help the tree recover from this stressful event and help get the plant back on track to support the crop.



Zynergy™ is a fertilizer designed to provide nutritional support to your crop's current pesticide program.

- Zynergy™ contains 2.0% Sulfur, 2.0% Copper, and 3.0% Zinc with a density of 10.39 lbs/gallon.
- Zynergy™ contains OMEX®'s proprietary EBA™ Technology—a formulation designed for rapid foliar uptake and assimilation within the plant.
- Zynergy™ is available in 2.5-gallon and 265-gallon mini-bulk package sizes.
- As a liquid, Zynergy™ is easy to use and apply. This product may be applied as needed during the season by foliar application at 16-32 fluid ounces/acre in permanent tree crops and 8-16 fluid ounces/acre for all other crops. Follow label for specific application method, timing, and rates for each specific crop.

When tank mixing with other fertilizers, insecticides or fungicides be sure to perform a JAR TEST for compatibility before mixing in spray tank.



Benefits of Zynergy™

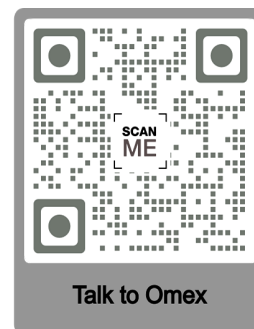
Zynergy™ has proven to be effective at low rates in a wide range of crops.

Zynergy™ provides

a useful synergy with current crop protection programs by adding in efficient nutritional support.

Zynergy™ supplies rapidly available Copper, Sulfur, and Zinc through cost-effective low dose foliar applications. Copper and Zinc are both vital nutrients for crop health.

Maximize your crop's potential with OMEX®



Contact us at (559) 661-6138