



# ΩMEGA™

## Beneficial Organic Biopolymer

THE END OF PLANT STRESS IS NEAR

### Ingredients:

Yucca Plant Extracts, Chitosan and proprietary organic biopolymers

A non-burning liquid blend of Yucca Plant Extracts and Chitosan. Chitosan is known to have eliciting activities leading to a variety of defense mechanisms in host plants in response to abiotic stress, microbial infection and parasitic nematodes, including the accumulation of phytoalexins, Pathogen-Related (PR) proteins and proteinase inhibitors, lignin synthesis and callose formation.

Chitosan is known to chelate nutrients and minerals. Yucca is also a very effective natural wetting agent. Yucca and Chitosan both stimulate the microbial activity of the soil while helping speed the plant uptake of fungicides, insecticides, and fertilizers.

- **IMPORTANT:**  
MUST adjust spray solution to **pH 3.5 - 5.5** prior to adding **OMEGA™** into the spray tank
- **Weight per gallon: 9.0 lbs. (4.08 kg)**
- **pH: 2.8**

### Directions for Use:

**Apply just prior to the onset of stress conditions and repeat every 14 to 28 days**

**Foliar Spray Rate for Greens, Tees, Fairways, Roughs, Sports Turf & Lawns:** Apply 0.367 - 1.46 oz of **OMEGA™** with 1.5 - 2 gallons of water per 1,000 sq. ft. (1 - 4 Pints or 16 - 64 oz of **OMEGA™** with 66 - 88 gallons of water per acre)

**Soil Spray Rate for Greens, Tees, Fairways, Roughs, Sports Turf & Lawns:** Apply 1.46 - 2.93 oz of **OMEGA™** with 1.5 - 2 gallons of water per 1,000 sq. ft. (4 - 8 Pints or 64 oz - 128 oz of **OMEGA™** with 66 - 88 gallons of water per acre)

Application Rates for OMEGA™					
Fluid Oz/ 1,000 sq. ft.	Fluid Oz/ One Acre	Coverage in Acres per 2.5 Gallons	ML/ 100 M <sup>2</sup>	L/HA Litre/ Hectare	Coverage in HA per 2.5 Gallon
0.367	16	20.0	12	1.2	8.0
0.734	32	10.0	23	2.3	4.0
1.460	64	5.0	46	4.6	2.0
2.930	128	2.5	93	9.3	1.0

### SPECIAL TANK MIXING INFORMATION:

- Follow manufacturer's guidelines for cleaning spray equipment prior to mixing. Fill tank 3/4 full with water.
- **MUST** Adjust spray solution to **pH 3.5 -5.5** prior to adding **OMEGA™** into the spray tank. **Add Plant Food Alpha as a tank acidifying agent.** Use properly calibrated electronic pH meter or the pH strips included with **OMEGA™** to check spray tank pH while acidifying.
- Add fungicide, insecticide or nutritional ingredients according to product labels. Agitate as directed. Compatible with most turf chemicals. A jar compatibility test should be done before any tank mix is made.

**Available Container Sizes:**  
2 x 2.5 gal (2 x 9.46 L) Case

Store between 41° - 71° F. (10°-35°C)

Do not allow to freeze.

OMEGAC

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