

**Safety:** Keep out of reach of children. Do not ingest. If swallowed, induce vomiting if advised to do so by a physician. May cause eye irritation. If eye contact is made, flush eyes with clean, clear water.



Manufactured and Guaranteed by:  
**Ecological Laboratories** INC.  
2525 N.E. 9th Avenue

2525 N.E. 9th Avenue  
Cape Coral, FL 33909

**www.GrowQuantum.com**

Made in  
the USA



## PHOTOSYNTHETIC & HETEROTROPHIC CULTURES

## BENEFICIAL SOIL AND PLANT MICROBIAL INOCULANT

Increases essential soil biology

Uses a culture capable of photosynthesis and nitrogen fixation

- ☐ 1 Gal. / 3.8 L (net wt 9 lbs / 4.1 kg)
 ☐ 5 Gal. / 18.9 L (45 lbs / 20.4 kg)
- ☐ 30 Gal. / 113.6 L (270 lbs / 122.5 kg)
 ☐ 55 Gal. / 208.2 L (495 lbs / 225.5 kg)
- ☐ 275 Gal. / 1,041 L (2,475 lbs / 1,123 kg)
 ☐

Product weighs 9 lbs per gallon at 68° F.

**FOR COMMERCIAL USE ONLY**

**CONTAINS NONPLANT FOOD INGREDIENTS**

**Active Ingredient:** Rhodopseudomonas palustris ..... 1,000,000 cfu/mL

### Application Method:

Dilute in enough water to cover desired surface area. May be applied via drip tape, center pivot, speed sprayer and other common spraying and irrigation systems. Please consult with your product representative or visit [www.GrowQuantum.com](http://www.GrowQuantum.com) for more application rates and instructions.

### Application Rates:

**Row Crops** - 64 oz per acre at planting; 64 oz per acre at 14 to 21 days post planting; 64 oz per acre prior to full canopy.

**Grains** - Irrigated: 64 oz per acre at planting; 64 oz per acre at seed head development. Non-irrigated: 1 gallon per acre at planting.

**Turf (Golf)** - Initial application of 8 oz per 1,000 sq. ft.  
Maintenance: 4 oz per 1,000 sq. ft. on greens and tees every 14 days.

**Turf (Sod & Sport)** - Initial application (inc. at planting); 1 gallon per acre. Maintenance: 64 oz per acre every 30 to 45 days.

**Vegetables (Greenhouse)** - Water in seeds with 4 oz per gallon. (Outplanting/Transplanting): Root dip or root drench with 4 oz per gallon; 64 oz per acre every 14 to 21 days until harvest.

Quantum-Light is an excellent stand-alone inoculant. However, in soils with low carbon content and/or significant plant residue, we recommend pairing Quantum-Light with Quantum-VSC®. Simply divide the recommended application rate evenly between the two products.

Expires 2 years from production date on base of container.

**Another quality product from the Quantum Growth® series.**

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Item #QUANLG

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