EASY-TO-USE • BIODEGRADABLE • EASY-TO-USE • BIODEGRADABLE • EASY-TO-USE • BIODEGRADABLE • EASY-TO-USE • BIODEGRADABLE

Quantum-Light® represents the primary bioformulation in the Quantum series and should always be used in plant and soil biology development programs. **Quantum-Light** may be applied as a stand-alone product or in combination with other Quantum products based on soil conditions, crop selection and crop conditions.

Storage and Handling: Shake bottle well/agitate before use. Re-cap as soon as possible. Minimize empty volume. Store unused product in original container with package tightly sealed. Store between 32° F/0° C and 110° F/ 43° C. Shelf stable for 3 years (unopened) and 1 year (opened). Buyers and users shall assume all risk and responsibility for potential loss or damage if this product is used, stored, handled or applied in a manner inconsistent with this labeling.

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.

Product does not contain any hazardous substances nor does it require special PPE for handling or application. Treated area does not have any re-entry restrictions.

Information regarding the contents and levels of metals in this product is available on the internet at *http://www.aapfco.org/metals.htm*

Manufactured and Guaranteed by:

Ecological Laboratories INC.

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

MADE IN THE USA

www.GrowQuantum.com

Quantum-Light®

PHOTOSYNTHETIC & HETEROTROPHIC CULTURE

Essential Producer & Consumer

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

Directions:

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.

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* for more application rates and instructions.

Expires 3 years from production date on base of container.

Another quality product from the Quantum Growth® series

Item #QUANL

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SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL • SHAKE WELL