Quantum-Organic Total™ combines the core technology of **Quantum-Organic Light®** with spore-forming cultures to produce a potent microbial formulation that performs well in a wide range of soils.

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 2 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.html

Manufactured and Guaranteed by:
Ecological Laboratories INC.
2525 N.E. 9th Avenue
Cape Coral, FL 33909
www.GrowQuantum.com

Made in the USA

Quantum-Organic Total™

PHOTOSYNTHETIC & HETEROTROPHIC CULTURES

OMRI LISTED® For Organic Use

BENEFICIAL SOIL AND PLANT MICROBIAL INOCULANT

REGISTERED cdfa ORGANIC INPUT MATERIAL

Introduces beneficial soil microbes
Uses a culture capable of 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 Ingredients:	Rhodopseudomonas palustris	1,000,000 cfu/mL
	Bacillus subtilis	10,000,000 cfu/mL
	Bacillus licheniformis	10,000,000 cfu/mL
	Bacillus pumilus	10,000,000 cfu/mL
	Bacillus amyloliquefaciens	10,000,000 cfu/mL

Application Rates:

Vegetables (Greenhouse) - Transplant/Bud Break - 64 oz per acre; Beginning of Bloom – 64 oz per acre; Fruit Set/Berry Closure – 64 oz per acre; Tree nuts (within 2 weeks post-harvest) – 64 oz per acre.

Rice: 1 gal 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.

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 2 years from production date on base of container.

Another quality product from the Quantum Growth® series.

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Item #QUANOTG