

SPECIFICATION SHEET

QUANTUM-VSC[®]

Beneficial Soil and Plant Microbial Inoculant

DESCRIPTION

Quantum-VSC is a plant and soil inoculant that restores and enhances the foundational levels of soil biology (also known as the soil food web). This product incorporates heterotrophic bacteria into a diverse microbial formulation that provides unprecedented plant enhancement at foliar, root and rhizosphere. The addition of humate material to the formulation provides a readily usable carbon source.

PERFORMANCE CHARACTERISTICS

When used as a foliar or soil application, Quantum-VSC directly impacts plant vigor and performance by:

- Improving nutrient uptake
- Improving plant photosynthesis
- Improving root and shoot growth
- Fortifying plant natural defense systems
- Promoting water production and retention

PRODUCT CHARACTERISTICS

Highly concentrated – Provides over 60 million colony forming units per milliliter.

Safe and easy to use - Non-toxic and contains non-pathogenic bacteria. It may be applied as a root drench or as a foliar (diluted 10:1 with water) and is compatible with most types of irrigation systems to include: speed sprayer, boom sprayer, pivot irrigation, aerial spray, micro-jet, etc.

No re-entry restrictions.

Easy storage – Does not require refrigeration.

Long life – Shelf stable for 3 years (unopened) and 1 year (opened).

Properties

Fertilizer Analysis:

No NPK; fertilizer analysis of 0-0-0

pH:

6.5-8.0

Specific Gravity:

1.04 approximately

Particle Size:

100% through 100 micron/140 mesh

Appearance:

Brown/Black liquid

Odor:

Pungent and distinctive earthy odor

Properties (cont.)

Packaging:	Plastic 1 gallon bottles, 5 gallon totes, 30 gallon & 55 gallon drums and 275 gallon totes (mini-bulks)
Storage/handling:	Shake/agitate before use. Re-cap as soon as possible. Store between 32°F/0°C and 110°F/43°C.

DIRECTIONS FOR USE

- ❖ **10 liters per hectare** is the standard dose rate and to enquire for specific crops and timing of dosing please contact sales@growqanz.com

DO NOT MIX WITH FUNGICIDES OR PESTICIDES. When tank mixing, add the Quantum-VSC last and apply within 0 to 12 hours. Use with Non Chlorinated water only.

Visit www.growquantum.com/product-application-rates.aspx

