



Micro-D HALO

Technical Specifications and Application Instructions

Product Description:

TOMIGUNN HALO is a complex of microbes and known soil plant amending ingredients combined with critical enzymes and the most effective microbe food sources available. The combination of these ingredients makes indigenous beneficial microbes explode in numbers in the soil, improving organic matter in the soil, growth patterns in plants, and fruit quality. In addition, HALO includes components that will excite mitochondrial action, thereby rebuilding cell tissues and producing stronger and healthier roots. HALO also increases flowering in cannabis plants. There are no fillers. One hundred percent of the ingredients have an active purpose for your soil and plants.

Product Specifications:

Bacillus Mucilaginosus	4.7x10 ⁷ cfu/g
Bacillus Subtilis	2.2x10 ⁷ cfu/g
Bacillus Megaterium	1.1x10 ⁷ cfu/g
Bacillus Licheniformis	1.1x10 ⁷ cfu/g
Bacillus Simplex	1.1x10 ⁷ cfu/g
Trichoderma Harzianum	1.0x10 ⁸ cfu/g
Trichoderma Viride	1.0x10 ⁸ cfu/g
Glomus Intraradices Endomycorhizae	56 propagules/g
Humic Acid:	14%
Fulvic Acid:	4%
Appearance:	Fine gray powder
Solubility:	100% in water (some powder may remain in suspension)

Benefits:

1. Increases mitochondrial action.
2. Stimulates cell rebuilding.
3. Improves plants' ability to stave off disease.
4. Increases flowering.
5. Inoculates soil with diverse populations of bacteria and fungi that are beneficial to soil and plant life.
6. Stimulates the growth and reproduction of indigenous microorganisms.
7. Invigorates root growth.
8. Builds higher protein and sugar levels in plants.
9. Improves photosynthetic performance.
10. Helps to break up soil compaction.
11. Enhances resistance to drought, pests, and disease.
12. Excellent for organic applications.

Directions for Use:

Liquid Mixing Instructions:

1. Add 16 oz of HALO to every 100 gallons of water or other liquid fertilizers. It is recommended that it be pre-mixed into a slurry in a pail prior to adding to the tank.
2. Charge tank with water and/or other liquid fertilizers.
3. Add pre-mixed HALO slurry to the tank.
4. Top tank with water to disperse HALO throughout tank to match 100 gallons of liquid for every 16 oz of HALO.
5. Apply directly after adding to the tank.
6. Refer to below application methods for application rates.

Note: Avoid mixing biocides in the tank with HALO as it may reduce viable microbial counts at the time of application.

Broadcast Spray (outdoor/row crop application):

1. Refer to above liquid mixing instructions for preparation of product.
2. Apply product at a rate of 4.25 to 8.5 oz dry weight measure of HALO per acre. This is equivalent to a rate of 25 to 50 gallons of liquid mix per acre based on the above liquid mixing instructions.

Soil Drench when applying as a standalone product:

1. Refer to above liquid mixing instructions for preparation of product.
2. Apply liquid mix generously to coat all plant surfaces and properly soak soil around the root zone of each plant.

Root Dip Application:

1. Refer to above liquid mixing instructions for preparation of product.
2. Dip roots and/or full plant into HALO solution. Make sure all surfaces are fully coated before transplanting to a soil or soil-less medium.

Dry Fertilizer Application:

1. Mix measured quantity of HALO into a small amount of water and mix into a slurry. Be sure to keep the water to a minimum in order to minimize the liquid applied to a dry granular fertilizer.
2. Begin tumbling granular fertilizer to which you wish to add HALO.
3. Slowly add HALO slurry as the granular fertilizer tumbles. Add at a rate consistent with the intended spread rate (refer to above spread rates).
4. Make sure completed granular fertilizer with HALO attached is fully dry and is not tacky to the touch before applying through a spreader.

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