

FOLIAR APPLICATION - COTTON

General Information

PRODUCT INFORMATION

CROPS

HUMIPLEX HP-47 Liquid Nutrients can be applied to most vegetable crops, row crops, deciduous fruit and nut trees, citrus, avocados, grapes, melons, ornamentals, turf, pasture, range grasses, and most other crops.

HP-47 is a new liquid plant food developed for use as a foliar feed, a regular plant food applied to the soil, and as a starter plant food with the seed or transplant.

HP-47 liquid nutrients contain ENHANCE (THA) Technical Humic acids. HP-47 nutrients are beneficial in combination with plant food and non-phytotoxic when used as directed.

HP-47 nutrients with (THA) Technical Humic Acids are unique as they can be used in most all forms of liquid fertilizers. HP- 47 nutrients can be banded at planting time, side-dressed or sprayed in water solutions directly on deficient plants. Humic Acids may aid in the uptake of micro-nutrients.

HP-47 liquid nutrients have corrected deficiencies of a great many row crops, vegetables, and ornamental plants under soil conditions ranging from high organic matter (muck) to very low organic matter and from strong acid soils (pH 3) to high alkaline soils (pH 8.5) containing considerable calcium carbonate (free lime). HP-47 can be effective under dry land and irrigation farming conditions. Differences in soil conditions, climate and plant varieties will determine how much more effective HP-47 liquid nutrients are than other sources of nutrients.

Remember, these humic acid products are used to fortify, produce, set and hold. It is important that timely applications are made to achieve these results.

APPLICATION RATES

GENERAL APPLICATION RATES

HUMIPLEX HP47 should be used on most crops in a foliar application at the rate of 1-4 quarts per acre. Four timely applications give the best results. HUMIPLEX HP47 should always be used any time the plant, tree, or vine is in a stress situation to fortify the plant and maintain sufficient levels of nitrogen and phosphorous.

DILUTION RATES

Aircraft and low volume sprayer: Use a minimum of 5 gallons of water per acre.

Convention Sprayers: Use a minimum of 20 gallons of water per acre.

Dilute Spray: Use 200-500 gallons of spray solution per acre.

Concentrated Spray: Use 50-150 gallons of concentrated spray solution per acre.

Note: A wetting agent or spreader can be used when applying HUMIPLEX HP-47.

Limitations, Restrictions, and Exceptions

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Apply when the first true leaves appear, one week before peak bloom, followed by 2 more applications at two week intervals just after peak bloom.

Method

[Foliar spray](#)

Rates

[field rates 0](#)

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Timings

[When the first true leaves appear, one week before peak bloom.](#)