

SOYBEAN - WHEN APPLIED WITH ADDITIONAL SEED TREATMENTS

General Information

This seed treatment product is intended to help maximize root nodulation and nitrogen fixation of soybean plants.

This entire case contains enough Vault HP Growth Enhancement System Plus Integral Liquid Biofungicide to treat a total of 20,000 lbs of soybean seed*. (This package contains two (2) complete sets of Vault HP Growth Enhancement System Plus Integral. Each individual set will treat 10,000 lbs of seed* which is equivalent of 200 50-lbs units. All two sets combined will treat a total of 20,000 lbs of soybean seed or 400 50-lb units.)

*At an average of 3,000 seeds per pound.

NET CONTENTS:

Vault HP Growth Enhancement System consists of:

- (Component A) - Liquid Rhizobial Inoculant - a brownish liquid packaged in two (2) 100 fluid ounce (3 liter) bladders
- (Component B) - Liquid Growth Enhancer - a yellow/gold liquid packaged in two (2) 86.4 fluid ounce (2.6 liter) bladders

NOTE: The Liquid Growth Enhancer (Component B) may appear separated. This is normal and will easily return to a uniform consistency when shaken or mixed.

This box also contains:

- Integral Liquid Biofungicide - packaged in two (2) 13.6 fluid ounce (402 milliliter) bottles

Directions For Use

SHAKE ALL COMPONENTS WELL BEFORE USE.

Seed treated with the Vault HP Growth Enhancement System Plus Integral Liquid Biofungicide mixture must be used with an EPA-approved dye or colorant that

imparts an unnatural color to the seed. When the Vault HP Growth Enhancement System is combined with Integral Liquid Biofungicide, the resultant mixture may be applied either as a stand-alone seed treatment system or with other compatible seed treatment products as follows:

For each 10,000 lbs of seed (equivalent to 200 50-lb seed units) use one complete set of components from the 2x200 package.

In a clean mixing container or tank, thoroughly mix the complete contents of one (1) 100 fl oz bladder of Liquid Rhizobial Inoculant (Component A) with the complete contents of one (1) 86.4 fl oz bladder of Liquid Growth Enhancer (Component B) and the complete contents of one (1) 13.6 fl oz bottle of Integral. Continuous gentle agitation and aeration throughout the mixing and application process will enhance rhizobia survival in the mixture.

For maximum on-seed survival of rhizobia, mix and apply Integral and the components of Vault HP Growth Enhancement System in a tank separate from any other seed treatment products.

Seed Treatment Compatibility

Some seed treatment formulations can be harmful to the rhizobia in Vault HP Growth Enhancement System. Please consult your distributor, BASF representative, or the BASF website before applying this product with any other seed treatment product. Please observe the planting window recommendations of individual treatments for optimal product responses.

Limitations, Restrictions, and Exceptions

When applied with additional seed treatments

If applied with additional chemical seed treatment(s), the Vault HP Growth Enhancement System Plus Integral Liquid Biofungicide mixture may be applied at a 2.0 fl oz/CWT rate with no additional water as long as the total liquid volume being applied (Vault HP system plus all other seed treatment actives/polymers/colorants) is at least 5.0 fl oz per 100 lbs of seed. A wet sequential (also known as simultaneous) application method, using a separate application tank for the active chemicals/polymers/colorants, is recommended for enhanced on-seed survival. A common tank mix method, where the rhizobia-containing inoculant is mixed in the same tank as the active chemicals, will have a negative effect on rhizobia survival and is not recommended. Note that both the Integral and Liquid Growth Enhancer

products are designed to work with the Liquid Rhizobial Inoculant. Furthermore, neither the Liquid Growth Enhancer nor the Liquid Rhizobial Inoculant affects the activity of Integral.

Method

[Seed Treatment](#)

Rates

[field rates 0](#)

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Timings

[N.A.](#)