

## **SOYBEAN - WHEN APPLIED AS A STAND-ALONE TREATMENT**

### 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 as a stand-alone treatment

When the Vault HP Growth Enhancement System and Integral are to be applied without other seed treatment(s), for each 10,000 lbs of treated seed (equivalent to 200 50-lb seed units) thoroughly mix one complete set of Vault HP Growth Enhancement System components and Integral together with 300 fl oz (8,872 mL) of cool, clean, non-chlorinated water. Then apply the resulting mixture to soybean seed at the rate of 5.0 fl oz per 100 lbs of seed. NOTE: While you may apply the Vault HP Growth Enhancement System and Integral mixture at a rate of 2.0 fl oz/CWT without the addition of water, the rhizobia survival will be enhanced when the total volume of liquid applied to the seed is at least 5.0 fl oz per 100 lbs of seed. If mixing the entire contents of this case at one time (to treat 20,000 lbs of seed) use all two sets of components and increase the amount of non-chlorinated water to

600 fl oz (17,774 mL) to achieve the appropriate volume to apply at 5.0 fl oz per 100 lbs of seed.

Method

[Seed Treatment](#)

Rates

[field rates 0](#)

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Timings

[N.A.](#)