



Vault® IP Plus

Seed Treatment



We create chemistry

Protection From The Ground Up

Vault® IP Plus seed treatment is a commercial liquid seed applied rhizobia inoculant and EPA-registered dual strain biofungicide that delivers maximum nitrogen fixation and excellent seedling soil-borne disease protection for soybeans.

- Biofungicides help form a living shield, protecting roots
- Minimum guaranteed count of 10 billion (1.0×10^{10}) colony forming units (CFUs) of rhizobia per mL through product expiration
- Patented storage device for improved rhizobia viability
- 21 quality checkpoints throughout production
- Compatible with other seed treatments

Get Three for One

With Vault IP Plus Seed Treatment

3 Microbes

- EPA-registered *Bacillus amyloliquifaciens* for extended disease control
- EPA-registered *B. subtilis* for plant health and nutrient acquisition
- Superior rhizobia strain for maximum N fixation

3:1 Farmer ROI

- A +2 bu/A yield response over untreated in BASF trials¹

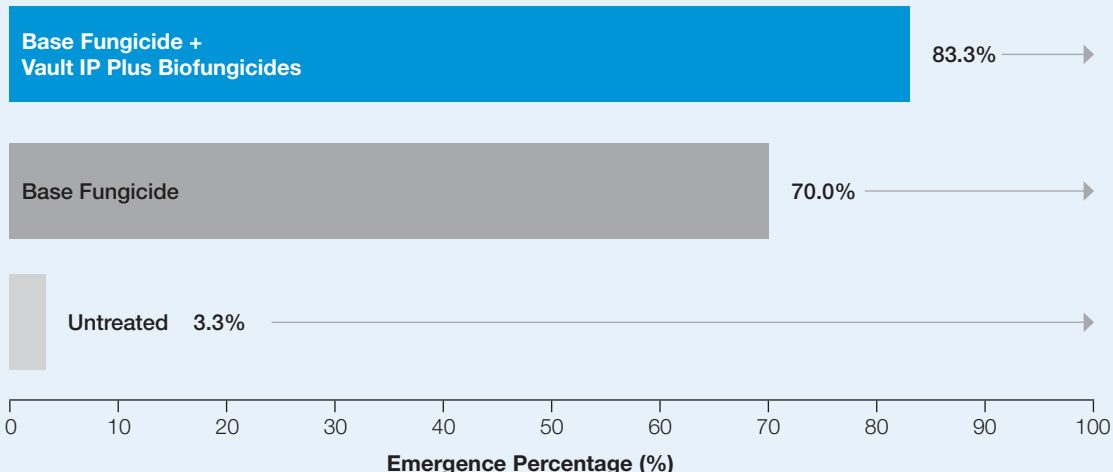
3 Treater Benefits

- Lowest application rate in its class of 1.1 fl. oz/cwt
- Less packaging waste (2 components to mix and handle)
- 400 and 800-unit case size options

1: See "Yield Comparison" graph on next page.

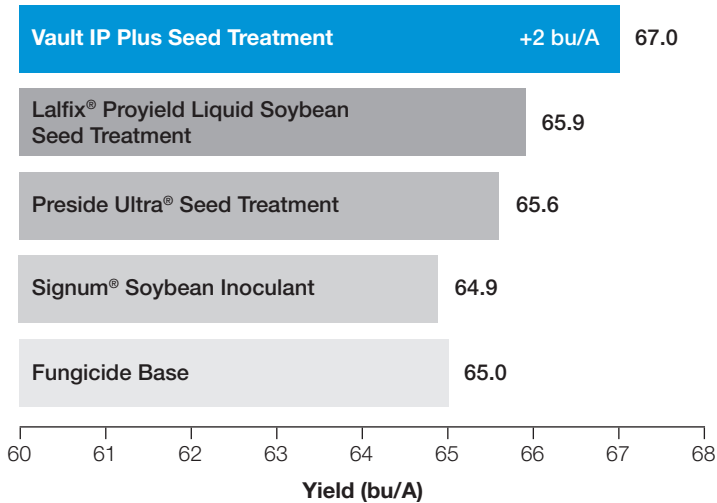


Pythium ultimum Disease Challenge Trial



2018 BASF *Pythium ultimum* inoculated greenhouse trial, 20 d after planting. Base fungicide was Obvius® Plus seed treatment (1.53 fl oz/CWT). Vault IP Plus Biofungicides were applied at 0.1 fl oz/CWT (Rhizobia inoculant not included).

Yield Comparison



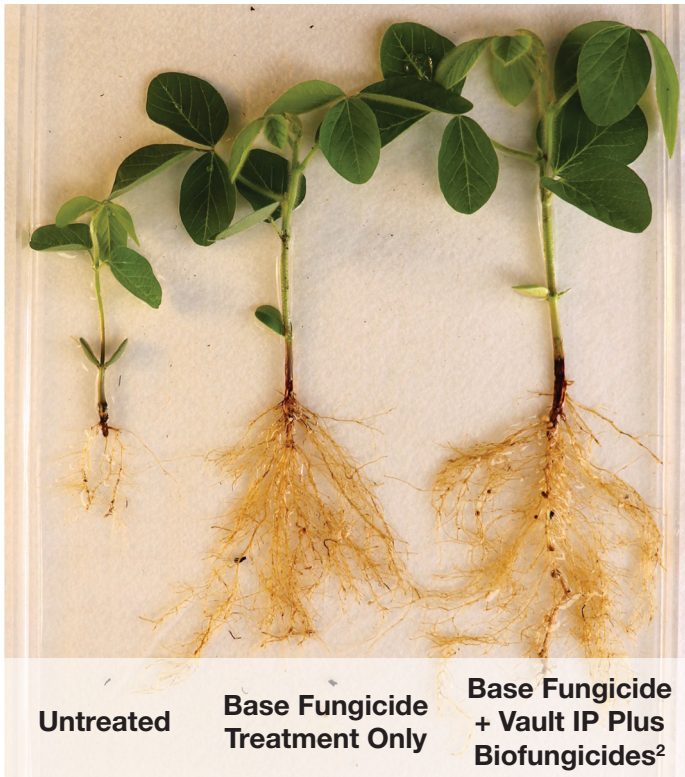
1: Source – 2024 BASF sponsored trials with 8 replicated sites. (3 in MN, 2 in SD, 1 in IA, 1 in IL, 1 in OH). All treatments included a base fungicide (Obvius® Plus seed treatment at 1.53 fl oz/CWT).

Best Use Recommendations

- Use Rate: 1.1 fl oz/CWT (0.51 fl oz/140k seed unit)*
- Use product within 24 hrs of opening
- Do not allow to freeze
- Do not apply to frozen soybeans
- Keep inoculants and inoculated seed out of direct sunlight
- For use between 40°–77°F (4°–25°C)
- For commercial seed treatment only
- For best on-seed survival of rhizobia, do not tank mix with seed treatment actives – use separate tank
- Ensure seed is clean to reduce bridging
- Use with Flo Rite® Pro 2805 plantability polymer for best seed handling, flow, and seed placement of actives

*When applied with other seed treatments and seed enhancements to achieve a total application volume adequate for uniform seed coverage.

Rhizoctonia-Infected Soybeans



2024 BASF Greenhouse *Rhizoctonia solani*-inoculated trial, 21 d after planting. Base fungicide was Obvius Plus seed treatment at 1.53 fl oz/100 lbs seed.

2: Only the biofungicide component of Vault IP Plus seed treatment was used in this trial to demonstrate the its benefits (Rhizobia inoculant not included).

Directions for Use

When Applied With Additional Seed Treatment(s)

- Vault IP Plus seed treatment must be applied at a rate of 1.1 fl oz/CWT of seed with no additional water as long as the total liquid volume being applied (Vault IP Plus seed treatment in addition to all other seed treatment actives/polymers/colorants) is at least 5.0 fl oz per 100 CWT (326 ml/100 kg) of seed.
- A wet sequential (also known as simultaneous) application, using a separate application tank for the active chemicals/polymers/colorants is preferred. In this tank, the inoculant must be applied within 24 hours.



For more information on Vault IP Plus seed treatment and other BASF soybean products, visit us at AgProducts.BASF.us

Always read and follow label directions.

Flo Rite, Obvius and Vault are registered trademarks of BASF. All other trademarks are the property of their respective owners and use of any such trademark does not imply any affiliation with or endorsement by its owner. ©2026 BASF Agricultural Solutions US LLC. All rights reserved. 20251017LDG-Dec2025