



Vault® IP Plus

Seed Treatment

Inoculate and Protect for Higher Yields

To maximize yield potential, soybean crops require a lot of nitrogen, up to 60% comes from beneficial rhizobia bacteria. Vault® IP Plus seed treatment is a seed inoculant that delivers guaranteed fresh, high rhizobial counts each season, to help ensure effective nitrogen fixation and improved yield performance. Plus, the dual strain biofungicide also helps extend protection from key fungal root diseases. Vault IP Plus seed treatment is the new standard to inoculate and protect soybean seed.

Unique Benefits of Vault IP Plus Seed Treatment

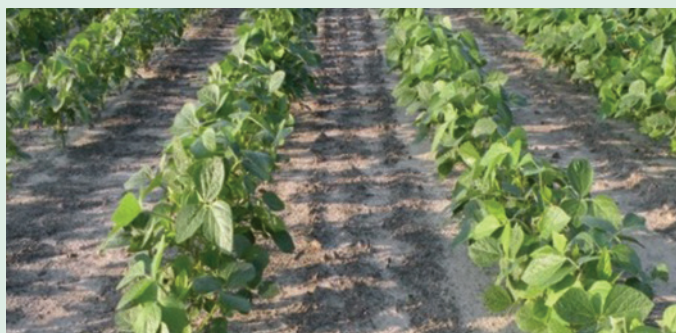
- Proven *Bradyrhizobium japonicum* rhizobial strain produced fresh each season
- Guarantee fresh, high rhizobia count of at least 10 billion (1×10^{10}) cells per mL at expiration
- New EPA registered dual-strain biofungicide that forms a living shield around the roots
- Compatible with a wide-range of seed treatments
- Lowest application rate in its class at 1.1 fl. oz/cwt



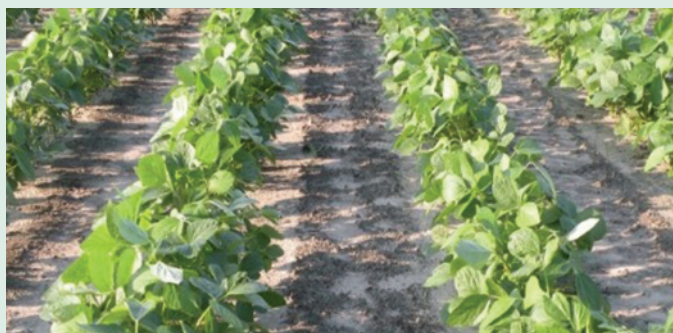
BASF

We create chemistry

Dual Strain Biofungicide for Added Root Disease Protection and Overall Root Vigor



Base Fungicide Only



Base Fungicide
+ Vault IP Plus Seed Treatment

Healthy Roots and Nodulation Are Keys to Success

Fresh, active rhizobia bacteria create healthy nodules for maximum nitrogen fixation. Healthy, vigorous roots can improve water and nutrient uptake. Both are the strong foundation for leveraging a soybean plant's full genetic potential. That's why it's so important to get each plant off to a strong start every season with the inoculation and protection benefits of new, Vault IP Plus seed treatment.

Nitrogen You Can Count On

Inoculating your soybean seed yearly with healthy, active rhizobia to maximize the nodulation process reduces the risk of plants not having enough nitrogen. Annual inoculation from Vault IP Plus seed treatment is beneficial to soybean fields planted early, in wet and dry soils where native rhizobia may die-off or be less effective.

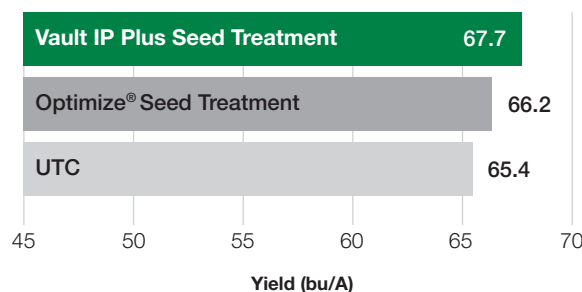
Early Season Defense Against Soil-Borne Diseases

Vault IP Plus seed treatment's biofungicide component provides effective protection against soil borne diseases including *Fusarium* and *Rhizoctonia* – two major fungal pathogens causing root rots. This added protection works alongside base fungicides to give soybeans an extended period of protection from fungal diseases, right from the start. The two EPA-registered biofungicides deliver multiple modes of action including creating a biofilm that grows with the roots to allow faster rooting so the rhizobia can be more effective.

Consistent Performance to Maximize ROI

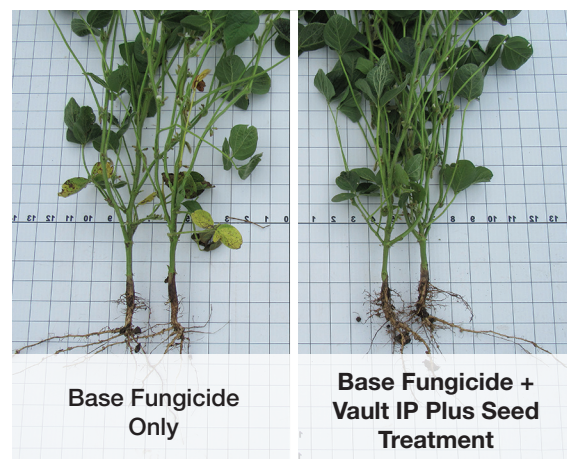
A robust inoculant like Vault IP Plus seed treatment offers soybean growers an average yield increase of more than two bushels per acre over a base fungicide alone. Vault IP Plus seed treatment also has the lowest application rate in the category and works well with seed treatment and planting equipment, making it effective and efficient for growers and easy to use for seed treaters. Count on Vault IP Plus seed treatment to help maximize yield potential and return on investment.

Yield Comparison



Source: 2017, BASF trials, 14 replicated US sites.

More Nodules Means Increased Nitrogen for the Plant



2020 BASF trial, Frankfort, IN.

For more information, visit AgProducts.BASF.us

Always read and follow label directions.

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