

Vault® SP

Inoculant

Vault® SP Inoculant for Soybean

Benefits of Vault® SP Inoculant:

- Sterile Carrier
- Dry Application
- High Potency
- Easy to Apply
- Proven Yield Results

Vault SP inoculant for soybean is a highly potent, sterile, peat-based inoculant for seed application. It contains a soybean rhizobia strain proven to increase yields. Vault SP inoculant for soybean may be applied to the seed dry while still delivering massive amounts of rhizobia. Vault SP inoculant for soybean's special adhesion level assures good seed coverage.

Guarantee

This product delivers 3×10^9 viable cells of *Bradyrhizobium japonicum* per gram, with guaranteed freshness as it is manufactured each year for that year's growing season.



Vault SP inoculant for soybean delivers very high counts of potent, nitrogen-fixing rhizobia in a sterile peat carrier and offers proven results.



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Technical Information Bulletin

Best Use Recommendations

Directions for Use

Add contents of inoculant bag to the seed in the planter box or with a hands-free peat applicator. If the Vault® SP inoculant bag feels hard, it is the result of the hermetically sealed inner bag forming a vacuum. This is normal; simply cut open the bag and work gently with hands to dispense the contents. Use only for the quantity and species of legume seed stated on the label. Mix inoculant thoroughly with seed to obtain maximum coverage and adhesion to the seed.

- On old rotated ground, apply at 1.4 oz per 50 lb (40 g per 23 kg) of seed (either pesticide or non-pesticide treated).
- On new ground, apply at 2.8 oz per 50 lb (79 g per 23 kg) of seed. If the seeds are treated with pesticide, contact your dealer for application rate recommendations.
- Note: Mixing is best accomplished in 50 lb (23 kg) or smaller increments of seed in a tub outside of the planter box using a mixer or auger. Where planter box mixing is required, treat a ½ bag of seed at a time to obtain more uniform seed coverage.
- **For optimal performance, plant within 24 hours of inoculation.**

Seed Treatment Compatibility

This inoculant is compatible with some seed treatments. However, certain seed treatments can be detrimental to rhizobia. Check with your dealer/manufacturer for details. Please observe planting window recommendations for optimal responses.

Precautions

Inoculants are live organisms. Store inoculant and inoculant treated seeds between 40°–77° F (4°–25° C) away from direct sunlight. For more uniform temperature control, store at floor level. Ensure that inoculant is stored correctly in the field prior to use. Once opened, use within 24 hours. Plant seed immediately after inoculation. Protect inoculated seed from direct sunlight, high temperatures, and hot winds. Do not use inoculant that is past its expiration date or that has not been correctly stored. Unless otherwise directed, do not mix inoculant with fertilizers or pesticides. If soils are especially dry at planting, any risk of damage to the inoculant can be minimized through light irrigation, when available. Under adverse or stress planting conditions (hot, dry field conditions), it is suggested to increase the inoculant application rate.



To learn more about crop protection products from BASF, visit www.agproducts.basf.us

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