

Store inoculant between 40° to 77°F
(4° to 25°C), away from direct sunlight.

DO NOT allow products to freeze.

SPECIMEN

Vault
Liquid Peanut
Rhizobial Inoculant

Velondis[™]
Plus
Biofungicide

In-Furrow Treatment For Peanuts

Vault
Liquid Peanut
Rhizobial Inoculant

PLUS

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Vault[™] Liquid Peanut Rhizobial Inoculant plus **Velondis[™] Plus Biofungicide** is an in-furrow treatment for peanuts, which includes:

- Vault Liquid Peanut Rhizobial Inoculant** - *Bradyrhizobium* sp. (Vigna)
- Velondis Plus Biofungicide** - *Bacillus subtilis* strain BU 1814 and *Bacillus amyloliquefaciens* strain MBI 600

Directions For Use

This inoculant is intended to be applied in furrows. It is a culture of highly effective strain of rhizobia (nitrogen-fixing bacteria) that colonizes the plant roots to gather and fix nitrogen from the air, making it available to the plants. A greater amount of bacteria can be made available to the developing plant in this manner.

In-Furrow Application - The **Vault Liquid Peanut Rhizobial Inoculant** plus **Velondis Plus Biofungicide** components must be diluted with cool, clean, **chlorine-free** water and applied as indicated in the following in-furrow application instructions. Each 1.1 gallon bladder of **Vault Liquid Peanut Rhizobial Inoculant** and bottle of **Velondis Plus Biofungicide** mixed together treats approximately 10 acres. (See the **In-Furrow Application Table (Suggested Rates)**)

In-Furrow Application Instructions:
Clean - Ensure the liquid application machinery is fully flushed of chemical residues before adding inoculant slurry to spray tank.

Configure - Select and install an appropriate flow regulator (orific) disk in order to achieve a constant, uninterrupted stream of liquid onto the seed in the furrow. Carefully adjust the position and flow of the **Vault Liquid Peanut Rhizobial Inoculant** and **Velondis Plus Biofungicide** mixture so that it falls directly onto the seed surface prior to covering in the furrow. Product efficacy may be limited if the mixture is either applied above or to the side of the seed in the furrow.

Mix - Shake all containers well before use. Pour the complete contents of the **Vault Liquid Peanut Rhizobial Inoculant** plus **Velondis Plus Biofungicide** into the spray tank. Adjust the volume of liquid to be sprayed to the required level using cool,

clean, **chlorine-free** water. Ensure that the **Vault Liquid Peanut Rhizobial Inoculant** plus **Velondis Plus Biofungicide** components are thoroughly mixed prior to use. To avoid any settling out of the nitrogen-fixing bacteria, ensure that the spray tank contents are agitated frequently during application. The diluted mixture must be used within 24 hours. **DO NOT allow diluted tank mix to exceed 80°F (27°C).**

In-Furrow Application Table (Suggested Rates)

| Row Width (inches) | Recommended application rate (ounces per acre)* | Vault Liquid Peanut Rhizobial Inoculant and Velondis Plus Biofungicide components treat (acres) |
|--------------------|---|---|
| 24" | 20.0 | 6.6 |
| 30" | 20.0 | 8.4 |
| 32" | 19.0 | 8.9 |
| 36" | 17.7 | 9.5 |
| 38" | 16.5 | 10.1 |
| 40" | 15.3 | 10.9 |
| 42" | 14.0 | 11.8 |

*The concentrated liquid should be diluted with cool, clean, chlorine-free water and applied at 5 to 10 gallons per acre for low volume sprayers, or 10 to 20 gallons per acre for larger sprayers. For a known row width, ensure that the equipment is calibrated to deliver the correct application volume of 1.2 fl oz of liquid concentrate per 1,000 linear row feet.

Precautions: If soils are especially dry at planting, risk of damage to the inoculant can be minimized through light irrigation, if available. Under adverse or stress planting conditions (hot, dry field conditions), or on land which has not grown the specific legume in the past four years, it is suggested to increase the inoculant application rate.

Tank Mix Partner Compatibility: Some in-furrow treatments can be harmful to inoculants. Contact your dealer/manufacturer for details. Please observe tank mix time recommendations for optimal response.

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Storage and Disposal

Storage: Segregate from foods and animal feeds. Inoculants are live organisms. **Store inoculant between 40° to 77°F (4° to 25°C), away from direct sunlight. DO NOT allow products to freeze.** 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. 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.

Waste Disposal of Substance: Must be disposed of or incinerated in accordance with local regulations.

Container Disposal: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

Accidental Release Measures: DO NOT discharge into drains/surface waters/groundwater. For small amounts, pick up with suitable absorbent material (e.g. sand, sawdust, general purpose binder, kieselguhr). For large amounts: dike spillage, pump off product. Dispose of absorbed material in accordance with regulations.

Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations.

State Right To Know Description and CAS # / TSN: Proprietary compound / TSN# 101000009-0100

In Case of Emergency
In case of large-scale spill of this product, call:
• CHEMTREC 1-800-424-9300
• BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:
• Your local doctor for immediate treatment
• Your local poison control center (hospital)
• BASF Corporation 1-800-832-HELP (4357)

Conditions of Sale and Warranty

The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller.

To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

Limitations of Use: Any purchaser or user agrees to handle and/or use this product in strict conformity with all limitations of use, including the prohibition of analyzing for content, disassembling, extracting, purifying, or otherwise obtaining any material, for any use whatsoever, from the product in any form. This prohibition specifically includes the growing or culturing of any material for further use of such material for any progeny thereof for ANY use whatsoever. User agrees that this product will only be used as instructed on the product label and only for the crop and purpose stated therein.

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Velondis is a trademark of BASF.

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20240822 **NVA 2024-04-0676-0145**
Based on: NVA 2024-04-0676-0140
Supersedes: NVA 2022-04-0676-0012

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CONTAINS NONPLANT FOOD INGREDIENTS

Guaranteed Analysis

Self Amending Ingredient:

Active Ingredient:

Microorganism..... <1.00%
(*Bradyrhizobium* sp. (Vigna))..... 2x10⁹ cfu/ml*

Total Other (Inert) Ingredients:..... 99.00%

Total:..... 100.00%

*Contains a minimum of 1.4 x 10⁹ colony forming units per mL.
Colony forming units/milliliter..... 100.00%

EPA Reg. No. 71946-26

EPA Est. No. 67366-04-001

KEEP OUT OF REACH OF CHILDREN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See attached booklet for complete First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty.

You may contact BASF Corporation for emergency medical treatment information at 1-800-832-HELP (4357).

Net Contents: **1.1 Gallons (4.2 liters)**

Net Weight: **9.26 pounds (4.2 kilograms)**

F002177)

This product does not require a hazard warning in accordance with GHS criteria.

Batch Code: Located on physical container

Guaranteed by:
BASF Corporation, 26 Davis Drive
Research Triangle Park, NC 27709

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NVA 2024-05-0545-0640
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