

VITALYZE™

3-0-0

PEEL BACK BOOK HERE



PLANT HEALTH TECHNOLOGIES

GUARANTEED ANALYSIS

Total Nitrogen (N) 3.0%
0.9% Ammoniacal Nitrogen
0.9% Nitrate Nitrogen
1.2 % Urea Nitrogen

DERIVED FROM: Urea Ammonium Nitrate
F3013

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Bacillus amyloliquefaciens 10,000,000 CFU per ml
Bacillus licheniformis 10,000,000 CFU per ml
Bacillus pasteurii 10,000,000 CFU per ml
Bacillus pumilus 10,000,000 CFU per ml
Paenibacillus durum 10,000,000 CFU per ml
Streptomyces griseus 4,300,000 CFU per ml
Trichoderma reesei 4,300,000 CFU per ml
Azotobacter vinelandii 6,000,000 CFU per ml

Bacillus subtilis 10,000,000 CFU per ml
Bacillus coagulans 10,000,000 CFU per ml
Bacillus megaterium 10,000,000 CFU per ml
Paenibacillus polymyxa 10,000,000 CFU per ml
Streptomyces lydicus 4,300,000 CFU per ml
Trichoderma harzianum 4,300,000 CFU per ml
Azotobacter chroococcum 6,000,000 CFU per ml

INERT INGREDIENTS

Water-based culture medium 97.00%
CFU - Colony Forming Units/Milliliter

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.

Read label before use

HAZARD STATEMENTS

May be harmful in contact with skin.
Causes mild skin irritation.
May be harmful if inhaled
Causes eye irritation.

Prevention:

Wash hands, face and other affected areas thoroughly after handling.

Response:

Call a POISON CENTER or doctor/physician if you feel unwell.

If INHALED: Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention



NET CONTENTS: 2.5 Gal (9.46 L)
NET WEIGHT: 21.6 LB (9.8 kg)
DENSITY: 8.65 lb/gal @ 68 °F

USE PRODUCT WITHIN 2 YEARS OF DATE OF MANUFACTURE FOR BEST RESULTS.



**INVICTIS
BIOSCIENCE™**
PLANT HEALTH TECHNOLOGIES

P.O. Box 9296, Boise, ID 83707

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PRODUCT INFORMATION

VITALYZE 3-0-0 helps sustain the environment by improving recycling of crop nutrients from crop residues.

PRE-BLENDING OR TANK MIXING RATES: LIQUID FERTILIZERS

If mixing with liquid fertilizer or herbicides, perform a Jar Test to assure compatibility with different mixtures of chemicals. It is typically recommended to mix in the following order: fertilizers, chemicals, water and *VITALYZE*. **DO NOT** mix with fungicides. Liquid Fertilizers in the pH range of 5 to 9 are compatible with *VITALYZE*.

IMPREGNATION RATES FOR DRY FERTILIZERS

Recommended rate range is 2 to 8 pints of *VITALYZE* per ton of dry fertilizer depending on makeup of dry fertilizer blend. Blends that contain both potassium and phosphate inputs will absorb more *VITALYZE* than those made from a higher percentage of Urea. Higher Rates of impregnation are possible when fertilizer handling systems are capable of adding drying clay. Contact Innovictis BioScience Plant Health Technologies for specific information.

TARGET RATE IS 6-8 PINTS PER TON OF DRY FERTILIZER BLEND.

APPLICATION RATE PER ACRE

Starter Fertilizer or Side Dress Fertilizer: 1 to 2 pints per acre of *VITALYZE*

Broadcast: 2 to 6 pints per acre of *VITALYZE*

Apply 1 to 4 times per growing season for best results.

RATES FOR MANURE APPLICATION

VITALYZE can be injected into tank (Honey Wagon) during fill process or injected directly into line in systems where an umbilical cord is in use.

***VITALYZE* Application rate per acre:** Broadcast @ 3 to 6 pints per 5,000 gallons of manure.

STORAGE AND HANDLING

Store product in original container with cap tightly secured. Store in a cool area (40° – 110 °F.) out of direct sunlight. Moderately irritating to eyes avoid contact. If contact occurs flush eyes with cool water for 15 minutes and consult physician if irritation persists. **DO NOT** ingest. If swallowed drink copious amounts of water and contact physician. Wash your hands thoroughly after handling product. Please refer to MSDS for more detailed information.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://aapfco.org/metals.htm>

Information concerning the raw materials composing this product can be obtained by writing to: Innovictis BioScience Plant Health Technologies. Please refer to the batch number found on this container.

WARRANTY AND LIMITATION OF DAMAGES

Innovictis BioScience Plant Health Technologies warrants only that this product conforms to the product description on the label and is reasonably fit for the purposes stated in the Directions For Use. The Directions for Use of this product are believed to be adequate and must be followed carefully. It is, however, impossible to eliminate all risks associated with this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner or use or application, all of which are beyond the control of Innovictis BioScience Plant Health Technologies. All such risks must be assumed by the buyer or user. Except as warranted on this label, Innovictis BioScience Plant Health Technologies makes no representation, warranty or guarantee, whether expressed or implied including, but not limited to, warranty of merchantability, fitness for a particular purpose, or otherwise. No agent or representative of Innovictis BioScience Plant Health Technologies or the seller of the product is authorized to amend the terms of this Warranty disclaimer or the product's label or to make a representation or recommendation different or inconsistent with the label of this product. To the extent consistent with applicable law, Innovictis BioScience Plant Health Technologies's maximum liability for breach of its warranty or for use of this product, regardless of the form of action, shall not exceed the purchase price of this product. To the extent permitted by applicable law, Innovictis BioScience Plant Health Technologies shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages. If the warranty and liability limitations or disclaimer are not acceptable, return the unopened container to the place of purchase for full refund. To the extent not inconsistent with applicable law or the label, the purchase, delivery, acceptance and use of this product by the buyer is subject to the terms and conditions of seller's sales invoice for this product.

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