



GUARANTEED ANALYSIS: 1-5-0

Total Nitrogen (N)	1.0%
1% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅).....	5.0%
Calcium (Ca).....	1.0%
Magnesium (Mg).....	0.5%
Sulfur (S).....	2.0%
4% Combined Sulfur	
Iron (Fe).....	0.25%
0.0% Water Soluble Iron	
Manganese (Mn).....	2.0%
2.0% Water Soluble Manganese	
Zinc (Zn).....	8.0%
1.5% Water Soluble Zinc	
Derived from: Monoammonium Phosphate, Dolomitic Limestone, Iron Oxide, Manganese Sulfate, Zinc Sulfate, Zinc Oxide.	

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Talc and Graphite in an 80/20 ratio.
L-amino acids (from soy protein hydrolysate).

SOIL AMENDING INGREDIENTS:

5% Humic Acids derived from Leonardite.
2% Sucrose.

BENEFICIAL MICROBIAL STRAINS:

<i>Bacillus amyloliquefaciens</i>	3.75 X 10 ⁷ CFU/g
<i>Bacillus licheniformis</i>	3.13 X 10 ⁷ CFU/g
<i>Bacillus megaterium</i>	2.50 X 10 ⁷ CFU/g
<i>Bacillus pumilus</i>	1.25 X 10 ⁸ CFU/g
<i>Bacillus subtilis</i>	1.88 X 10 ⁷ CFU/g
<i>Azospirillum brasilense</i>	4.38 X 10 ⁷ CFU/g
<i>Azotobacter chroococcum</i>	1.88 X 10 ⁷ CFU/g
<i>Trichoderma harzianum</i>	2.50 X 10 ⁶ CFU/g
<i>Trichoderma virens</i>	2.50 X 10 ⁶ CFU/g
<i>Trichoderma atroviride</i>	2.50 X 10 ⁶ CFU/g

Total: 3.08 X 10⁸ CFU/g
Total CFU count/acre (1.25 oz. rate): 1.09 X 10¹⁰ CFU/g

GENERAL INFORMATION

Complete Start Bio places biological components, essential nutrition, and flow agents directly on the seed to improve seedling vigor and growth and aid in seed singulation. Complete Start Bio is compatible with fungicide, insecticide, and inoculant seed treatments, but does not replace those products. Complete Start Bio replaces the need for adding talc or graphite.

APPLICATION RATES

1 scoop = 3 oz.

CROP	USE RATE (oz / unit of seed)
Corn	3
Soybeans	1.5
Small Grains	0.5 - 1.5
Cotton	12 oz/cwt
All other crops including alfalfa, canola, sugar beets, turfgrass, peas, sunflowers, chickpeas, rice, lentils, peanuts and small grains	2

DIRECTIONS FOR USE / MIXING INSTRUCTIONS

For use as a seed coating. Apply Complete Start Bio directly to seeds in the hopper box and mix to ensure even coverage. Complete Start Bio may also be applied to center fill planters.

NET WEIGHT: 4.68 lb. (2.12 kg)



DANGER

Harmful if swallowed. Causes serious eye irritation. May cause cancer or damage to organs (lungs, liver, blood) through prolonged or repeated inhalation. May form combustible dust concentrations in the air. Keep out of reach of children.

STORAGE & DISPOSAL

Store product tightly closed, locked up in a well-ventilated place and in original container. Do not store near heat or open flame. Do not reuse container. Do not store near incompatible materials. Do not contaminate water, food or feed by storage or disposal. Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations.

PRECAUTIONARY STATEMENTS

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. See Safety Data Sheet for further details regarding safe use of this product.

FIRST AID

IN CASE OF FIRE:

- Consider carbon dioxide, dry chemical, dry sand or alcohol resistant foam to extinguish.

IF IN EYES:

- Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

IF ON SKIN:

- Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If irritation occurs, get medical advice/attention.

IF INHALED:

- Remove person to fresh air and keep comfortable for breathing. Call POISON CONTROL CENTER/doctor if you feel unwell.

IF SWALLOWED:

- Immediately call a POISON CONTROL CENTER or doctor/physician. Do not induce vomiting.

IF EXPOSED OR CONCERNED:

- Get medical advice/attention.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Acceptance of Terms - By purchase or use of this product, buyer and user accept these conditions of sale and limitations of warranty and liability. If these terms are unacceptable, return the product unopened for a refund.

Warranty Disclaimers - Manufacturer and seller (collectively "Vendors") warrant that this product conforms to the chemical description on the label. THIS PRODUCT IS SOLD "AS IS" AND VENDORS MAKE NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.

Inherent Risks - The directions for use must be followed carefully. It is impossible to eliminate all risks associated with this product. Crop injury, ineffectiveness, or other unintended consequences may result due to factors beyond the control of Vendors. Buyer and user assume all risks associated with the use or handling of this product.

Limitations of Liability - To the extent consistent with applicable law, buyer or user's exclusive remedy for any and all claims, losses, injuries, or damages resulting from the use or handling of this product shall be limited to the purchase price paid, or at the election of Vendors, the replacement of this product. Vendors are not liable for any consequential, incidental, or special damages, including lost profits.

Manufactured for: Novus Ag LLC, PO Box 271070, Fort Collins, CO 80527 - 1-970-666-4100

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For Chemical Emergency: Call INFO TRAC day or night. 1-800-535-5053