



PROLOGUE™

5-0-0

GUARANTEED ANALYSIS

Total Nitrogen (N)	5.00%
5.00% Ammoniacal Nitrogen	
Zinc (Zn)	6.30%

Derived From: Anhydrous Ammonia, Zinc Oxide and Ammonium Acetate

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

Active Ingredients:

<1.00%	Microorganisms
1×10^9 cfu/ml*	<i>Bacillus amyloliquefaciens</i>
*colony forming units per milliliter	

Inert Ingredients:

99.00%	Water-based culture medium
For use as a microbial soil amendment for improving the conversion of organic and inorganic fertilizer into plant-available forms.	

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.

GENERAL RECOMMENDATIONS

Before including any other fertilizer with PROLOGUE™ in seed furrow applications, conduct a jar test of the products to be mixed in their respective proportions and observe it for 24 hours before mixing large quantities. The person making the recommendation or application is responsible for verifying the seed safety of any products mixed with PROLOGUE. When used as directed this product does not supply all nutrients required by plants and is to supplement a soil fertility program based on soil tests.

CROPS (EPA GROUPING)	SOIL APPLIED RATE
Vegetable, Root and Tuber (01) Potato, Sugarbeet etc.	1.0 to 8.0 pts/A
Leafy Veg (04) Celery Lettuce (Head, Leaf) etc.	1.0 to 6.0 pts/A
Brassica Veg (05) Broccoli, Cabbage, Cauliflower, Collards, Brussels Sprouts etc.	1.0 to 8.0 pts/A
Legume Veg (06) All Beans, Soybeans, etc.	2.0 to 8.0 pts/A
Vegetable, Fruiting (08) Peppers, Tomato, Eggplant etc.	2.0 to 8.0 pts/A
Cucurbits (09) All Melons, Cucumber, Squash etc.	2.0 to 8.0 pts/A
Citrus Fruits (10) Oranges, Lemons, Limes, etc.	1.0 to 6.0 pts/A
Pome Fruit (11) Apple, Pear, etc.	1.0 to 6.0 pts/A
Stone Fruit (12) Peach, Plum, etc.	1.0 to 6.0 pts/A
Berry and Small Fruit (13) Strawberry, Blueberry, Caneberries (Blackberry, Raspberry)	2.0 to 8.0 pts/A
Berry and Small Fruit (13) Grape	1.0 to 4.0 pts/A
Treenuts (14) Almond, Filbert, Pistachio, Pecan, Walnut etc.	1.0 to 6.0 pts/A
Cereal Grains (15) Corn, Wheat, Grain Sorghum, Rice, etc.	1.0 to 6.0 pts/A
Grass forage Fodder and Hay (16) Grasses, etc.	2.0 to 4.0 pts/A
Grass forage Fodder and Hay (17) Grass Grown for Seed	2.0 to 6.0 pts/A
Animal Feed, Non Grass (18) All Alfalfa, Clover, etc.	2.0 to 4.0 pts/A
Oilseed (20) Cotton, Sunflower, Canola etc.	1.0 to 4.0 pts/A
Misc (99) Asparagus, Avocado, Artichoke, Hops, Flax, Mint, Olive, Tobacco etc.	1.0 to 8.0 pts/A

MIXING INSTRUCTIONS

When combining PROLOGUE with fertilizers, mix as follows:

- 1) Add a small amount of fertilizer to the mixing tank.
- 2) Start bypass agitation, then add the required amount of PROLOGUE, and vigorously agitate until it is completely mixed into solution.
- 3) Add remaining phosphate fertilizer and continue agitation until tank is emptied. When phosphate fertilizers are combined with PROLOGUE, bypass agitation alone does not provide sufficient agitation to ensure a good product mixture. Remove in-line strainers on the suction side of the pump when combining PROLOGUE with phosphate fertilizers. Liquid fertilizer is typically used as the diluent for starter or side dress applications. Check compatibility of specific liquid fertilizer mixtures before use. Using at least 5.0 to 10.0 gallons of liquid fertilizer per acre generally results in best compatibility.

COMPATIBILITY

PROLOGUE can be applied alone or with other compatible spray materials. Ammonium polyphosphate fertilizers tend to be more compatible than orthophosphate types. Including some polyphosphate in the mixture often improves compatibility of orthophosphates. Proposed mixtures should be evaluated in a jar test before full scale use. Fertilizer based mixtures that also contain pesticides should be sprayed as soon as possible.

Note: When combining PROLOGUE with phosphate fertilizers vigorous agitation is required for good product mixing. See mixing directions below for more information.

CROP SAFETY

This product has been tested on a number of crop varieties with no phytotoxicity observed at labeled rates; however, this product has not been tested on all varieties and cultivars. Due to the large number of plant species and their associated varieties or cultivars, and due to variable growing conditions, it is impossible to test every plant for tolerance to this product. It is the responsibility of the user to determine if this product can be used safely prior to commercial use. In a small test area, test the specified rates on plants for phytotoxicity prior to general use. Before using any tank mix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Treat a small group of target crop including plant cultivars and evaluate for 3 to 7 days prior to making an application to your entire crop.

HANDLING INSTRUCTIONS

Store and transport PROLOGUE in Poly or stainless steel only. Thoroughly agitate PROLOGUE before transferring to another vessel. Jar test PROLOGUE for compatibility before mixing in any other fertilizer, pesticide, or water which is acidic or basic.

STORAGE AND DISPOSAL

STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal.
DISPOSAL: Do not reuse container. Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (for locations go to <http://www.acrecycle.org/>) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.
HANDLING: Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Tests have not been carried out under all possible use conditions and Distributor cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lpi.com>

Prologue is a trademark of Loveland Products, Inc.



WARNING

This product can expose you to chemicals including lead, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

F1548

FOR AGRICULTURAL AND PROFESSIONAL USE ONLY

Product is guaranteed effective up to 2 years after date stamped on container.



Density: 10.21 lbs/gallon @ 68 °F
Net Contents: 250 gallons (946.35 liters)
Net Weight: 2,552.50 lbs (1,157.79 kg)
Product Code: 1000802923



Density: 10.21 lbs/gallon @ 68 °F
Net Contents: gallons (liters)
Net Weight: lbs (kg)
Product Code: 1000802921