



5-16-5

## GUARANTEED ANALYSIS

Total Nitrogen (N) .....	5.00%
4.50% Ammoniacal Nitrogen	
0.50% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	16.00%
Soluble Potash (K <sub>2</sub> O) .....	5.00%
Sulfur (S) .....	1.00%
Zinc (Zn) .....	0.50%
0.50% Chelated Zinc	

DERIVED FROM: Ammonium Polyphosphate, Urea, Monopotassium Phosphate, Potassium Acetate, Potassium Thiosulfate, and Zinc EDTA.

## ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Contains 1.3 million colony forming units (CFU) per gallon of the following:

<i>Bacillus brevis</i> .....	4.97 x 10 <sup>1</sup> CFU/ml
<i>Bacillus licheniformis</i> .....	4.97 x 10 <sup>1</sup> CFU/ml
<i>Bacillus megaterium</i> .....	4.97 x 10 <sup>1</sup> CFU/ml
<i>Lactobacillus plantarum</i> .....	4.97 x 10 <sup>1</sup> CFU/ml
<i>Rhodococcus rhodochrous</i> .....	4.97 x 10 <sup>1</sup> CFU/ml
<i>Rhodopseudomonas palustris</i> .....	4.97 x 10 <sup>1</sup> CFU/ml
<i>Streptomyces griseus</i> .....	4.97 x 10 <sup>1</sup> CFU/ml

F2544

## GENERAL INFORMATION

NUTRIO PTO 5-16-5 is a high orthophosphate fertilizer designed for starter or pop-up applications. It may be applied below, to the side or in the seed furrow of most crops depending on local conditions and established agricultural practices. This product should be used as part of a comprehensive Total Nutrition System® for optimizing soil/nutrient conditions for plant growth, development, yield and quality.

## DIRECTIONS FOR USE

Moisture conditions and planting strategies are important considerations when using this product.

**POP-UP APPLICATIONS:** Apply 1-5 gallons per acre on seed as established by local agricultural practices. May be diluted with water for ease of calibration if needed. When applied in the seed furrow on very dry soils, a post plant irrigation within 24 hours is recommended. Use caution when applying directly to the seed in very saline soils as there may be a risk of seedling injury.

**STARTER APPLICATIONS (For Legumes – Soybeans, Dry Beans, Peas, Lentils):** Apply 1-3 gallons per acre, as a band directly below the seed, or 1-5 gallons 2 inches below and to the side of the seed line. Avoid direct, on-seed applications in dry soil conditions or in light, sandy soils to avoid plant injury.

**STARTER APPLICATIONS (For other crops):** Apply 1-5 gallons per acre as a band directly below the seed or 1-8 gallons below and to the side of the seed line. This product may also be applied as a surface spray band over the top or to the side of the seed prior to planting. Bluegrass, canola, rape, mustard, and other small seed crops should have this product placed no closer than 2 inches from the seed.

NUTRIO PTO 5-16-5 can be applied through center pivot or drip irrigation systems, but check your water source prior to application for calcium or other impurities.

**COMPATIBILITY:** This product can be applied alone or with compatible agricultural chemicals. Proposed mixtures should be evaluated in a jar test before full scale use. Do not mix with calcium fertilizers. Consult with your local Wilbur-Ellis representative for further information.

## PRECAUTIONARY STATEMENTS

### KEEP OUT OF REACH OF CHILDREN

Based on currently available data, this product is not classified as a GHS hazardous substance. However, observe good industrial hygiene practices. Wash hands after handling. Refer to the Safety Data Sheet if first aid instructions are needed.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not store at temperatures over 110°F. Do not store in direct sunlight for longer than 2 weeks. Store in original container only and keep tightly sealed when not in use. Store away from incompatible materials. Dispose of contents/container in accordance with federal, state and local regulations.

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

**⚠ CALIFORNIA WARNING:** Risk of cancer and reproductive harm from exposure to cadmium. See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of the product should be followed carefully. 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 many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS," AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.

To the extent permitted by law, neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

WILBUR-ELLIS logo, NUTRIO, NUTRIO logo, and Total Nutrition System are registered trademarks, and PTO is a trademark of Wilbur-Ellis Company LLC.

**EXPIRATION DATE:** Use before date shown on container, as the microbial inoculant may begin to lose effectiveness.

Guaranteed by:  
**WILBUR-ELLIS COMPANY LLC**  
4582 S. Ulster Street, Suite 400  
Denver, CO 80237



**WILBUR-ELLIS**

**NET CONTENTS: 270 GALLONS (1022 Liters)**

**DENSITY: 10.61 lb/gal at 68°F**

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