



PRODUCT TECH SHEET

PROTOCOLL™ 7-16-7

Product Description

For growers who use 9-18-9 as a starter. ProtoColl 7-16-7 uses 100% orthophosphate for rapid availability and a quicker start. It is made with urea, ammonium polyphosphate, diammonium phosphate, and dipotassium phosphate.

Application Benefits

- A balanced macronutrient supply at planting
- Reduces the amount of NPK inputs and applications throughout the season
- Slower, more controlled release of nutrients all season
- Less leaching and volatilization of nutrients
- Helps mitigate damaging salts
- Lower use-rate compared to other NPK sources
- Increased water retention to mitigate drought
- Stabilized and maximized nutrients in the soil
- More efficient nutrient uptake
- Improved microbiome vitality for sustained plant nutrition
- Healthier environment for the soil biology

Active Ingredients

Total Nitrogen (N) 7%
2% Ammoniacal Nitrogen (N)
5% Urea Nitrogen (N)
Available Phosphate (P_2O_5) 16%
Soluble Potash (K_2O) 7%
*Derived from Urea, Ammonium Polyphosphate,
Diammonium Phosphate, and Dipotassium Phosphate*
> Cannot be mixed with UAN.

Application Rates

At planting (In-furrow, 2x2, Y-drop): 2-3 gallons per acre.
Foliar application with herbicides, fungicides, and insecticides: 2 gallons per acre.

Best if used with other Monty's products including starters, foliar, micronutrients, and biologicals. Ask your representative about specialized programs.

ProtoColl products are available in 275 gallon totes and bulk.

Directions For Use

Monty's 7-16-7 may be applied in water, other liquid fertilizers and suspensions, or with most pesticides. Application rates and dilution factors depend on crop sensitivity, the amount of foliage to be sprayed, and the application method. Monty's recommends first taking a soil test or plant tissue test, and having a qualified lab analyze the samples to determine nutrient levels in your soil or plant, then follow recommended applications.

Application guidelines for one growing season in the absence of a soil test or plant tissue test: At planting (In-furrow, 2x2, Y-drop): 2-3 gallons per acre. Foliar application with herbicides, fungicides, and insecticides: 2 gallons per acre.

Physical and Chemical Properties

pH: 7.2-7.5 | Water solubility: 100%
Density: 11.4-11.7 lbs./gal.
Specific gravity ($H_2O=1$): 1.37-1.40

Monty's products are recommended as supplements to your current farming practices and are not recommended to replace the nutrients typically added to the soil. We suggest taking a soil and/or tissue test, have a qualified independent lab analyze the samples to determine nutrient levels in your soils and plants, and then follow the recommendations of a qualified CCA, agronomist or dealer.

When tank mixing any Monty's product with other farm chemicals, always read and follow the label directions of the chemical(s) you are considering and administer a jar test and/or a strip test before adding Monty's to your tank mix. When mixing with other farm chemicals, tank mix Monty's only after diluting the chemical according to label directions. Knowing the chemical's "mode of action" (block photosynthesis) or metal content (copper based) will help determine the compatibility of Monty's.

FOR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING.

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

For more information, consult your sales representative,
visit montysplantfood.com, or contact Monty's at 800.978.6342.