



# “TKO” PHOSPHITE 0-29-26

## 100% PURE PHOSPHORUS ACID

- INCREASES ROOT MASS
- AIDS IN BLOOM SET
- REDUCES ENVIRONMENTAL STRESS

F106

- HIGHLY MOBILE WITHIN PLANT AND TRANSLOCATED
- COMPATIBLE WITH OTHER TECHNICAL MATERIALS

**GUARANTEED ANALYSIS:**

Available Phosphoric Acid as P<sub>2</sub>O<sub>5</sub> (AOAC Method 960.02) . . . 29%  
 Soluble Potash (K<sub>2</sub>O) . . . . . 26%  
 Derived From: phosphorous acid, potassium hydroxide.

**PRODUCT SPECIFICATIONS:**

Weight per gallon . . . . . 12.5 lbs.  
 Weight per liter . . . . . 1.49 kg  
 pH . . . . . 6.5  
 (Mono- and Di-Potassium Salts of Phosphorous Acid)  
 CAS# 13977-65-6, CAS# 13492-26-7

**PRODUCT SPECIFICATIONS:**

Each gallon contains . . . . . 6.875 lbs of phosphite  
 Each liter contains . . . . . 0.82 kg of phosphite

**PRODUCT DESCRIPTION:**

“TKO” Phosphite™ (0-29-26) is a highly concentrated P/K nutrient solution containing mono and di-potassium salts of phosphorous acid. This clear solution is highly soluble and is rapidly absorbed into the plant tissue. It can be absorbed either through leaf tissue or roots, quickly correcting deficiencies and improving plant growth and vigor. Phosphite nutrients are known to improve turf quality and over all plant growth. “TKO” Phosphite can be used as soil and / or foliar application. Phosphorus is second only, in importance, to nitrogen and is known to play a key role in photosynthesis and root development. It has a near neutral pH and low salt index, so it is safe for all horticulture and turf applications, with very little leaching or possibility of injury to plant tissue and roots, safely supplying nutrients without detrimental environmental effects.

Turf Applications: Phosphite Phosphorous/Potassium Per Liquid Ounce (ml) Apply at desired phosphorus rate per 1,000 FT <sup>2</sup> (100 m <sup>2</sup> )		
Rate	Phosphorus Rate	Potassium Rate
4 oz 140 ml	1/8 lb. P 0.06 Kg P	1/10 lb. K 0.54 Kg K
9 oz 280 ml	1/4 lb. P 0.12 Kg P	1/5 lb. K 0.1 Kg K
11 oz 337 ml	1/3 lb. P 0.15 Kg P	1/4 lb. K 0.13 Kg K
18 oz 560 ml	1/2 lb. P 0.24 Kg P	0.45 lb. K 0.22 Kg K

Foliar Spray Recommendations		
Application	Rate	Frequency / Notes
Warm & Cool Season Turf Applications	3-5 fl oz in a minimum of 2 gal water per 1,000 ft <sup>2</sup> (88-147 ml per 100 m <sup>2</sup> )	Repeat Every 14-30 days during active growing season
Outside Nursery & Tree Farm, Field Grown Applications	<b>Foliar Spray:</b> 2.5 pint per 100 gallons water or 2 pints per acre (295 ml per 100 L water)	Repeat the application every 30 days or as needed. Apply after transplanting
	<b>Continuous Feed:</b> 6 oz per 100 gallons of water (45 ml per 100 L water)	
	<b>Soil Application:</b> 3-4 pints per 100 gallons water (375-500 ml per 100 gallons water)	
Greenhouse	<b>Foliar Spray:</b> 1-2 quarts per 100 gal water or 1/8 - 1/4 fl oz per gal water. (250-500 ml per 100 L water or 3-5 ml per L water)	<b>Transplanting:</b> Soak plug tray or foliar spray after transplanting  <b>Propagation and Maintenance:</b> Apply at 2-4 week intervals and repeat as needed.
	<b>Soil Drench:</b> 12-24 fl oz per 100 gal of water or 1/8 - 1/4 fl oz per gal water (94-188 ml per 100 L water or 1-2 ml per L water)	
	<b>Overhead:</b> 1-2 pints per 100 gal water. (100-200 ml per 100 L water) <b>Drip:</b> 1-2 pints per 100 gal water (100-200 ml per 100 liters water)	
Ferns	1-4 pints per acre (1-5 liters per hectare)	Apply after ferns are developed. Repeat every 30 days

## STORAGE & HANDLING:

**Caution:** Do not apply together with copper containing products. Avoid application of copper containing products 20 days prior to the application of "TKO" Phosphite and for 10 days after the application of "TKO" Phosphite. Do not use surfactants or adjuvants with this product.

**Mixing:** High quality buffers allow "TKO" Phosphite 0-29-26 to be blended with acidic or alkaline materials without detrimental effects. Always use a jar test before mixing chemicals in your tank. The following mixing procedures should be used after "TKO" Phosphite 0-29-26 has been diluted with water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles, 4. emulsifiable concentrates. Be sure to agitate during each addition. Be sure each product is mixed well before adding the next technical material. It is recommended to apply all of mixture in one day.

FIRST AID	
<b>IF SWALLOWED:</b>	Call a poison center or doctor if you feel unwell: Rinse mouth.
<b>IF IN EYES:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
<b>IF ON SKIN:</b>	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
<b>IF INHALED:</b>	Call a poison center or doctor if you feel unwell.
You may also contact 1-800-992-5994 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
<b>STORAGE:</b> Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
<b>DISPOSAL:</b> Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

**Condition of Sale and Warranty:** Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. **IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



### WARNING

H315 Causes Skin Irritation  
H319 Causes Serious Eye Irritation  
H335 May Cause Respiratory Irritation

Manufactured in the USA By: 

