



“TKO” PHOSPHITE™ 0-29-26

PURE CRYSTAL CLEAR PHOSPHITE

- Strengthens Plants Immune System
- Highly Systemic Via Xylem and Phloem
- Quickly Absorbed by Leaves & Roots
- Growth-Stimulating Effects
- Neutral pH
- Stimulates ISR (Induced Systemic Resistance)

GUARANTEED ANALYSIS:

Available Phosphoric Acid as P₂O₅ (AOAC Method 960.02) 29%
Soluble Potash (K₂O) 26%
Derived From: Phosphorus acid, potassium hydroxide.

TECHNICAL DATA:

Weight per gallon 12.5 lbs.
Weight per liter 1.48 kg.
pH 6.5
Each gallon contains 6.875 lbs of phosphite P₃O₅
(Mono and Di-Potassium Salts of Phosphorus Acid)
CAS# 13977-65-6, CAS# 13492-26-7

PRODUCT DESCRIPTION:

“TKO” Phosphite 0-29-26 is a clear, highly concentrated P/K solution containing mono and di-potassium salts of phosphorous acid. The Phosphite in TKO is more soluble than phosphate. It is rapidly absorbed into plant tissue through leaves and roots with excellent movement in both xylem and phloem. Translocation in phloem allows TKO to move from leaf tissues to the branches, crowns and roots. Because of this unique property, phosphonates are viewed as excellent initiators to improve the plant’s resistance, by stimulation of natural host defenses against environmental and other stress.

Phosphonates are absorbed by plants and incorporated into cells as phosphite ions (H₂ PO₃). Over time, phosphonate fertilizer can be converted by bacteria to phosphate in soil, where it can be taken up and metabolized by plants.



“TKO” Phosphite 0-29-26	Growth Phase	Transition and Early Bloom	Full Bloom
No. of Weeks	1-4	5-7	8-11
Hours of Light	18	12	12
Soil & Soilless Mixes	1-2 ml	1-2 ml	1-2 ml
Foliar	3-5 ml	3-5 ml	3-5 ml
Hydroponic	1-2 ml	1-2 ml	1-2 ml

Apply weekly, amounts listed are to be added per 1 US Gallon (3.79 liters)

Phosphites have greater solubility and are more readily available to microorganisms and plant roots than phosphates. At appropriate rates, TKO can provide stimulation to plants to make a broad spectrum of biologically active metabolites, which does not occur with phosphates. TKO foliar sprays can induce system protection against stress conditions.

TKO Phosphite has proven to be more readily absorbed into leaves than conventional phosphates. A pre-bloom foliar application will produce growth-stimulating properties increasing flower number, yield, fruit size and total solids. TKO can be use on all crops, including but not limited to; leafy vegetables, herbs, tobacco, legumes, tubers, and fruit and nut trees.

FOLIAR APPLICATIONS:

CAUTION:

The following conditions must be observed in order to



Marijuana Application Recommendations		
Application	Rate	Frequency / Notes
All Strains of Cannabis Grown in Soil or Soilless Mixes Indoors and Outdoors	Mix 1/8-1/4 fl oz per gallon of water, or 1-2 ml per liter water. For larger applications mix 12-24 fl oz per 100 gal water.	Begin applications at early transition to blooming phase and continue through full bloom. Apply every 7 days until two weeks before crop harvest.
	Foliar Spray: Mix .1-1.16 fl oz per gallon of water, or 3-5 ml per liter water. For larger applications mix 10-16 fl oz per 100 gal water.	
Hydroponics and Constant Feed	1/8 - 1/4 fl oz per gallon of water. Or 1-2 ml per liter water.	Replenish every 7-10 days when water is added or changed.

apply product successfully. Failure to follow these instructions may result in damage to the plant.

- Use sufficient water to provide thorough coverage.
- A jar test is recommended before mixing chemicals in your tank.
- The following mixing procedures should be used after TKO Phosphite has been diluted with water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles,
- 4. emulsifiable concentrates.
- Agitate during each addition of products. Be sure each product is mixed well before adding the next technical material.
- Consult your local representative for rate and application questions.

APPLICATION RECOMMENDATIONS:

TKO is a clear liquid solution with a near neutral pH. It can be tank mixed with conventional fertilizers, most micronutrients, organic supplements and most biological fungicides. Be sure to add sufficient water to ensure adequate spray coverage. Always use a jar test with appropriate concentrations before mixing chemicals in your tank.

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor if you feel unwell: Rinse mouth.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN:	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF INHALED:	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).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

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

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.**

