



“TKO” PHOSPHITE 0-29-26

100% PHOSPHITE

- **For Citrus, Fruit Trees, Small Fruits, Vegetables**
- **Strengthens Plants Immune System**
- **Highly Systemic Via Xylem and Phloem**

GUARANTEED ANALYSIS:

Available Phosphate (P₂O₅) 29%
Soluble Potash (K₂O) 26%

Derived From: Phosphorous acid, potassium hydroxide.
Weight per
gallon 12.5 lbs.
pH 6.5

Each gallon contains 3.625 lbs. Phosphorus and 3.25 lbs.
Potassium
(Mono- and Di-Potassium Salts of Phosphorous Acid)
CAS# 13977-65-6, CAS# 13492-26-7 F106

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 rapidly absorbed into the plant tissue through leaves or roots, quickly correcting deficiency, improving plant growth and vigor. Phosphite nutrients are known to improve crop yield and fruit quality. Phosphorus is second only in importance to nitrogen and is known to play a key role in photosynthesis, respiration, energy storage, enzyme and protein formation and root development. TKO Phosphite can be used as a foliar spray and/or soil application. It can be applied through irrigation water.

CAUTION:

The following conditions must be observed in order to apply Phosphite 0-29-26 successfully. Failure to follow these instructions may result in damage to the plant.

- DO use TKO Phosphite 0-29-26 under conditions of optimum plant growth including highest humidity, moderate temperatures and adequate soil moisture.
- DO add, as a minimum, equal amount of water. Do use sufficient water to provide thorough coverage.
- DO add wettable or soluble powders, emulsifiables or flowables to water in the mix and wet, dissolve or disperse before adding TKO Phosphite 0-29-26.
- DO use the correct label spray rates of any pesticide used with TKO Phosphite 0-29-26.
- DO consult your local distributor for rate and application instructions.
- DO NOT use when crop is under heavy stress from pests, heat or inadequate moisture levels.

- **Quickly Absorbed by Leaves, Roots & Branches**
- **Growth-Stimulating Effects**
- **Neutral pH**

• DO NOT apply by aircraft if surface wind is greater than 5 miles per hour to assure adequate crop coverage and droplet deposition.

• DO NOT spray to run off. Do not spray to visible droplet coalescence. Do not allow concentrated spray mist to run on fruit or leaves.

• DO NOT apply during the heat of the day.

CROP TREATMENT RECOMMENDATIONS:

All recommendations are based on broadcast spray application. When band or directed sprays are used, calculate the rate for the "sprayed acre" only. For most field and horticultural crops the early season applications are directed sprays.

For treatment of individual trees and vines, divide rate per acre by number of trees or vines per acre.

STORAGE & HANDLING:

Storage: TKO liquid can be stored in normal warehouse areas and are not affected by freezing temperatures. TKO Phosphite 0-29-26 has a pH of 6.5.

Caution: Do NOT apply together with copper containing products. Avoid application of copper containing products 20 days prior to the application of Phosphite and for 10 days after the application of 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. surfactants, 5. 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.

VEGETABLE CROPS	Rate / Acre / Hectare	Application Timing / Intervals		
		1st Application	2nd-3rd Application	Additional Applications
Tomatoes, Peppers	1 - 4 pints (2 - 5 liters)	Apply after transplanting, thinning or at 2nd true leaf stage	Apply 1-2 subsequent applications at 10-15 day intervals	Use as needed to supplement nutritional requirements
Lettuce, Spinach, and Other Leafy Vegetables	1 - 4 pints (2 - 5 liters)	Apply after transplanting, thinning or at 2nd true leaf stage	Apply 1-2 subsequent applications at 10-15 day intervals	Use as needed to supplement nutritional requirements
Broccoli, Cauliflower, and Other Brassica Varieties	1 - 4 pints (2 - 5 liters)	Apply after transplanting, thinning or at 2nd true leaf stage	Apply 1-2 subsequent applications at 10-15 day intervals	Use as needed to supplement nutritional requirements
Melons, Cucumbers, and Other Cucurbits	1 - 4 pints (2 - 5 liters)	Apply after transplanting, thinning or at 2nd true leaf stage	Apply 1-2 subsequent applications at 10-15 day intervals	Use as needed to supplement nutritional requirements
Beans & Peas	1 - 4 pints (2 - 5 liters)	Apply after transplanting, thinning or at 2nd true leaf stage	Apply 1-2 subsequent applications at 10-15 day intervals	Use as needed to supplement nutritional requirements
Strawberries	1 - 4 pints (2 - 5 liters)	Apply after transplanting	Apply at 30 day intervals	Use as needed to supplement nutritional requirements
Potatoes, Onions, and Other Vegetable Root, Bulb, or Tuber Crops	1 - 4 pints (2 - 5 liters)	Apply after transplanting, thinning or at 2nd true leaf stage	Apply 1-2 subsequent applications at 10-15 day intervals	Use as needed to supplement nutritional requirements
Coffee	1 - 4 pints (2 - 5 liters)	Apply at 2-4 week intervals after plants become established.		

PERMANENT CROPS	Rate / Acre / Hectare	Application Timing / Intervals	
		1st Application	2nd / Additional Applications
Almonds, Walnuts, and Other Nut Crops	1 - 4 pints (2 - 5 liters)	Apply first application at green tip	Apply at 30 day intervals up to nut fill, or as needed to supplement nutritional requirements
Plums, Nectarines, and Other Stone Fruit	1 - 4 pints (2 - 5 liters)	Apply first application at green tip or pink bud	Apply subsequent applications at fruit set or jacket fill, fruit thinning, and 2-3 weeks prior to harvest, or as needed to supplement nutritional requirements
Apples, Pears, and Other Pome Fruit including Papaya	1 - 4 pints (2 - 5 liters)	Apply first application at green tip	Apply at 30 day intervals up to harvest, or as needed to supplement nutritional requirements
Kiwi	1 - 4 pints (2 - 5 liters)	Apply first application pre-bloom	Apply at 30 day intervals up to nut fill, or as needed to supplement nutritional requirements
Citrus Crop (Bearing and Non-Bearing) including Avocados	1 - 4 pints (2 - 5 liters)	Apply first application pre-bloom	Apply subsequent applications at mid-crop, and 3-4 weeks prior to harvest, or as needed to supplement nutritional requirements
Olives	1 - 4 pints (2 - 5 liters)	Apply first application pre-bloom	Apply at 30 day intervals up to harvest, or as needed to supplement nutritional requirements
Table Grapes	1 - 4 pints (2 - 5 liters)	Apply first application at bloom	Apply subsequent applications at bunch pre-closing and 2-3 weeks prior to harvest, or as need to supplement nutritional requirements
Wine Grapes	1 - 4 pints (2 - 5 liters)	Apply first application at approximately 5% bloom	Apply subsequent applications at bunch pre-closing and 2-3 weeks prior to harvest, or as need to supplement nutritional requirements
Raspberries, Blackberries, and Other Cranberries	1 - 4 pints (2 - 5 liters)	Apply first application pre-bloom	Apply at 30 day intervals up to harvest, or as needed to supplement nutritional requirements
Hops	1 - 4 pints (2 - 5 liters)	Apply first application at 1" - 4" inch of shoot growth	Apply subsequent applications at 8"-10" inch of shoot growth, at 5'-6' feet in height after trellising, or as needed to supplement nutritional requirements.
Mangos	2 pints (2 liters)	Spray tree every 14 days during blossom period	Spray monthly until harvest. Spray to the point of run-off
Pineapples	4 pints in 100 gallons per acre (5 L per hectare)	Apply to established plantings	Apply at 90 day intervals
Bananas	1 - 4 pints in 100 gallons water per acre (1-5 L per H)	Apply at 7 - 14 day intervals. 20-30 applications pr year.	

Foliar Spray Recommendations

Application	Rate	Frequency / Notes
Warm & Cool Season Sod Applications	3-5 fl oz in a minimum of 2 gal water per 1,000 FT ² (88-147 ml per m ²) 1- 2 qts. per acre in 13 gallons of water	Repeat Every 14-30 days during active growing season Apply every 30 days.
Outside Nursery & Tree Farm, Field Grown Applications	Foliar Spray: 2.5 pint per 100 gallons water or 2 pints per acre (1 L per 400 L water)	Repeat the application every 30 days or as needed. Apply after transplanting
	Continuous Feed: 6 oz per 100 gallons of water (177ml per 400 L water)	
	Soil Application: 3-4 pints per 100 gallons water (1.5-2 L per 400 L water)	
Greenhouse Foliar Spray Only	Transplanting: Mix 3 oz in 2.5 gallons of water (88 ml in 10 L water)	Soak plug tray or foliar spray after transplanting
	Propagation: 1 oz in 2.5 gallons of water (30 ml in 10 L water)	Apply at 2nd leaf stage, and then every 10-14 day intervals
	Maintenance: .3 - 1 ounce in 2.5 gallons of water (9-30 ml in 10 L water)	Apply at 10-14 day intervals to supplement nutrient requirements
Ferns	*1-2 quarts per acre (2.3 - 4.6 liters per hectare)	Apply after ferns are developed. Repeat every 30 days. *Do not mix with other technical materials

FIELD CROPS CEREAL GRAINS	Rate	Application Timing / Intervals	
		1st Application	2nd / Additional Applications
Field Corn, Sweet Corn	1 1/2 qts to 2 qts in 100 to 250 gal water per acre (3.5 - 4.7 L in 400- 1000 L water per Hectare)	Apply at 4-leaf stage	Apply every 14 days as needed. Assure good coverage.
Wheat, Rye, Barley, Oats & Sorghum (Milo)	1 1/2 qts to 2 qts in 100 to 250 gal water per acre (3.5 - 4.7 L in 400 -1000 L water per Hectare)	Apply at 14 - 21 day intervals, as needed. Assure good coverage.	

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

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.

Manufactured By:

