



“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 (P ₂ O ₅)	29%
Soluble Potash (K ₂ O)	26%
Derived From: Phosphorous acid, potassium hydroxide.	
Weight per Gallon	12.5 lbs.
pH	6.5

Each gallon contains 6.875 lbs of phosphite PO₃
(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 a jar test before mixing chemicals in your tank.
- DO dilute “TKO” Phosphite 0-29-26 with water prior to mixing with other nutrients or pesticides. 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. surfactants, 5. emulsifiable concentrates.
- DO 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.
- DO use the correct label spray rates of any pesticide used with

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

TKO Phosphite 0-29-26.

- DO consult your local distributor for rate and application instructions.
- 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.
- DO NOT use when crop is under heavy stress from pests, heat or inadequate moisture levels.
- 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 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.

Crop Application Recommendations

Crop	Rate	Application Timing / Intervals
Bananas	1-4 pints per acre (1-5 liters per hectare)	Apply at 2 - 3 week intervals. 20-30 applications per year.
Berries , such as (but not limited to): Blueberry, Blackberry, Raspberry, Strawberry	1-4 pints per acre (1-5 liters per hectare)	Apply after transplanting or prior to bloom. Repeat every 10 - 15 days.
Bulb Vegetables , such as (but not limited to): Onions, Garlic, Shallots	1-4 pints per acre (1-5 liters per hectare)	Apply three times each season starting when first early-set is 3 inches, then at midseason, and then 2-3 weeks prior to harvest.
Citrus , such as (but not limited to): Grapefruit, Lemons, Limes, Oranges, Pomelo, Tangelo, Tangerines	Foliar: 1-4 pints per acre (1-5 liters per hectare) Ground Applications: ½ - 1 gal per acre (5 - 9 liters per hectare)	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.
Cole Crops , such as (but not limited to): Broccoli, Cauliflower, Cabbage, Brussels Sprouts, Collards	1-4 pints per acre (1-5 liters per hectare)	Apply at early head formation and repeat 10-15 days later.
Cucurbits , such as (but not limited to): Cucumber, Cantaloupe, Squash, Pumpkin, Melons	1-4 pints per acre (1-5 liters per hectare)	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.
Field Crops , such as (but not limited to): Barley, Corn, Oats, Peanut, Rice, Soybean, Sugar Beet and Wheat.	3-4 pints in 100-250 gallons water per acre (3.5-5 liters per Ha)	Apply at flag leaf emergence or early bloom and repeat in 14-21 day intervals. Assure good coverage.
Fruiting Vegetables , such as (but not limited to): Peppers, Tomato, Eggplant, Okra, Tomatillo	1-4 pints per acre (1-5 liters per hectare)	Apply after transplanting, thinning, or at 2nd true leaf stage. Apply subsequent application at 10-15 day intervals. Use as needed to supplement nutritional requirements.
Grapes , such as (but not limited to): Wine and Table Grapes	1-4 pints per acre (1-5 liters per hectare)	Apply three to four times per season. Apply at first full leaf, then at post bloom berry size, and three to four weeks prior to harvest.
Grasses Grown for Seed, Sod Production, Pasture, Forage and Alfalfa	1-4 pints per acre (1-5 liters per hectare)	Apply in early spring for good growth, then apply monthly and again after harvesting.
Herbs and Spices , such as (but not limited to): Coriander, Basil, Chives, Dill, Rosemary, Sage & Mint	1-4 pints per acre (1-5 liters per hectare)	Apply after planting and reapply after harvesting.
Leafy Vegetables , such as (but not limited to): Lettuce, Celery, Spinach, Parsley, Radicchio	1-4 pints per acre (1-5 liters per hectare)	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.
Legumes and Pulses , such as (but not limited to): Beans, Green Beans, Snap Beans, Lentils, Peas	1-4 pints per acre (1-5 liters per hectare)	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.
Root, Tuber and Corm Vegetables , such as (but not limited to): Carrot, Potato, Sweet Potato, Beets, Ginger, Radish, Ginseng, Turnip	1-4 pints per acre (1-5 liters per hectare)	Apply 3 - 4 times during season. The first application at early emergence, three to four weeks later, and at prebloom.
Tree Fruits and Nuts , such as (but not limited to): Almond, Apple, Apricot, Cacao, Cherry, Coffee, Filbert, Nectarine, Olive, Peach, Pear, Pecan, Pistachio, Plum, Prune, Quince and Walnut	1-4 pints per acre (1-5 liters per hectare)	Apply three to four times per season, starting at three quarter leaf to first full leaf. Then at early fruit size/early nut development, fruit midsize, and three to four weeks prior to harvest. Apply as needed to supplement nutritional requirements.
Tropical / Sub Tropical Fruits , such as (but not limited to): Avocados, Coffee, Dragon Fruit, Durian, Mangos, Papaya, Pineapples, Rubber Trees	1-4 pints per acre (1-5 liters per hectare)	Apply on new major growth and on successive flushes. Spray monthly until harvest. Do not apply during bloom.

Nursery Applications		
Application	Rate	Notes
Containerized and Field Grown Crops, (including but not limited to): Deciduous and Evergreen Trees, Foliage, Ornamental Grasses, Perennials, Tropicals, Woody Ornamentals	Foliar Spray: 2.5 pints per 100 gallons water or 1 quart per acre (310 ml per 100 L water)	Repeat the application every 30 days or as needed. Apply after transplanting
	Continuous Feed: 6 oz per 100 gallons of water (47ml per 100 L water)	
	Soil Application: 3-4 pints per 100 gallons water (375-500 ml per 100 L water)	

Greenhouse Foliar Spray Recommendation		
Application	Rate	Frequency / Notes
For All Types of Greenhouse Crops	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: 0.3 - 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	
Plant Type:	Application Rate:
Ferns	1-4 pints per acre (1-5 liters per hectare) Apply after ferns are developed. Repeat every 30 days. <i>*Do not mix with other technical materials.</i>

Foliar Turf Applications		
Application	Rate	Frequency / Notes
Fairways, Roughs, Sports Turf, Sod and Lawns	3-5 fl oz in a minimum of 2 gal water per 1,000 FT ² (88-147 ml per m ²) 1- 2 quarts. per acre in 13 gallons of water	Repeat Every 14-30 days during active growing season Apply every 30 days.

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.

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