

TECH-SPRAY® Hi-K

0-26-28

Available Phosphoric Acid (P₂O₅).....26.0%
Soluble Potash (K₂O).....28.0%
P₂O₅ and Potash derived from ortho-phosphates.

PRODUCT DESCRIPTION

TECH-SPRAY Hi-K is a liquid foliar nutrient supplying the guaranteed elements in water-soluble forms. It may be used by itself or combined with TECH-FLO products or other TECH-SPRAY formulations. The water-soluble nutrients are readily absorbed by foliage to give a rapid plant response. TECH-SPRAY Hi-K contains no nitrates, chlorides, or sulfates, has a very low salt index and a near-neutral pH.

GENERAL USES

TECH-SPRAY Hi-K is recommended for use on crops when the combination of Potash and Phosphate is beneficial. Since it contains no Nitrogen, it is recommended in mid-to-late season applications for its effects on quality factors such as sugar, color, and maturity on a wide variety of fruit, berry, vegetable, and seed crops. Since both Potash and Phosphate are highly mobile in the plant, responses are more likely to be observed in benefits such as higher solids, earlier maturity, or improved plant vigor rather than in increased levels of P or K in leaf tissue. Tomatoes, for example, have an extremely heavy demand for Potash in the latter part of the season; the developing fruit is the main sink for K which is rapidly translocated from foliage to fruit. On potatoes, late season applications are recommended to help delay early vine-die. Late summer applications are recommended for hardening off trees and vines, particularly nursery stock, to improve cold weather resistance. The use of TECH-SPRAY HI-K is not restricted to late season applications. It may be applied at any time during the growing season, particularly where high Magnesium and/or Calcium levels have caused Potassium levels to become depressed or where significant amounts of Potassium have been replaced due to high Sodium content in soils or water. The addition of urea gives a well-balanced N-P-K combination. P and K are reported to contribute to improving drought tolerance in crops. TECH-SPRAY Hi-K is also helpful as an aid to recovery from environmental stress conditions such as freeze damage and hail injury. Suggested rates are 1 to 4 quarts per acre per application.

*FOR SPECIFIC CROP RECOMMENDATIONS INCLUDING MATERIALS, RATES, AND TIMING,
PLEASE READ THE PRODUCT LABELS AND CONSULT A NUTRI-TECH REPRESENTATIVE.*

APPLICATION METHODS

TECH-SPRAY Hi-K mixes readily in water and may be applied by any type of spray equipment. It is suitable for application by dilute and concentrate ground rigs and for aerial application by fixed wing or helicopter.

COMPATIBILITY

TECH-SPRAY Hi-K is compatible with many commonly used pesticides, so it may be added to crop protection sprays when the timing of application coincides. It may be combined with TECH-FLO products and with other TECH-SPRAY formulations when additional nutrients are needed. Because it is very highly concentrated, it may cause precipitation or clabbering with some tank-mix components. A compatibility test is recommended for combinations that have not been previously used. Do not use with lime, lime sulfur, or triphenyltinhydroxide (TPTH).

PLEASE CONSULT A NUTRI-TECH REPRESENTATIVE FOR DETAILED COMPATIBILITY INFORMATION.

CAUTIONS

HANDLING: Harmful if swallowed. May cause skin irritation. Avoid contact with skin, eyes, cuts, and sores.

STORAGE: Do not store at temperatures below 40°F. Do not expose to temperatures below 32°F.

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