

TECH-FLO® COPOCAL™
0-8-0 + COPPER, CALCIUM, SULFUR

Available Phosphoric Acid (P ₂ O ₅).....	8.0%
Calcium (Ca).....	8.0%
Sulfur (S).....	4.0%
Copper (Cu).....	5.0%

P₂O₅ derived from metallic orthophosphates. Calcium derived from phosphates and sulfate.

Sulfur derived from sulfates. Copper derived from basic sulfate.

PRODUCT DESCRIPTION

TECH-FLO COPOCAL is a flowable foliar nutrient consisting of neutral, chemically reacted components that have been micronized and formulated in a stable aqueous dispersion. The active ingredients have limited solubility in water and release their nutrients over a prolonged period of time. TECH-FLO COPOCAL supplies Calcium without nitrate or chloride. The fixed Copper is further safened by the presence of Phosphate which also provides supplemental Phosphorus. TECH-FLO COPOCAL is non-abrasive, mixes readily and stays well dispersed in the spray tank. Its dried deposits adhere strongly to the leaf, providing excellent weathering characteristics. It provides longer and safer feeding than liquid products, is neutral in pH, and is non-corrosive.

GENERAL USES

TECH-FLO COPOCAL is recommended for use on crops where the combination of **Calcium and Copper** is desired as an aid to improving fruit quality. The role of Calcium in the control of physiological disorders such as bitter-pit and corking in apples, blossom-end rot in tomatoes and cucurbits, black-heart of celery, tip-burn in lettuce, internal browning in potatoes, etc., is well documented, as are the positive effects of Calcium on improving firmness and storageability on fruit crops, particularly apples. TECH-FLO COPOCAL supplies a neutral form of Calcium that does not contain nitrogen, chloride, or organic chelating agents. **Copper** has recently become of great interest for its ability to influence color on a variety of crops ranging from apples and grapes to carrots and onions. Copper is commonly supplied as sulfate, but this water-soluble form carries a high risk of phytotoxicity when applied on sensitive crops over late developing fruit. Experience in Southern California where even fixed copper compounds were solubilized by acidic smog has shown that foliar copper sprays may be safened by Phosphate. TECH-FLO COPOCAL thus combines two nutrients exerting strong positive effects on crop quality in forms best suited for efficiency and safety. TECH-FLO COPOCAL is also an effective source of Sulfur. Several applications of TECH-FLO COPOCAL are recommended at 3-4 week intervals, starting post-bloom and continuing until shortly before harvest. For green leafy vegetables, first application is recommended after thinning or transplant; on potatoes, at tuber initiation.

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

APPLICATION METHODS

TECH-FLO COPOCAL 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-FLO COPOCAL is compatible with most commonly used pesticides, so it may be added to crop protection sprays when the timing of application coincides. It may be combined with TECH-SPRAY™ products and with other TECH-FLO formulations when additional nutrients are desired. It is not suggested for use with buffering adjuvants or foliar nutrient products that are strongly acidic as injury may occur from excessive soluble copper.

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

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