

PRECURSOR™ XL

0-23*-28 DI POTASSIUM POLY PHOSPHATE AND
POTASSIUM PHOSPHITE COMBINATION



PRECURSOR™ XL is designed to support the nutritional needs of tree nut crops, tree fruit, citrus, vegetables and field crops. A combination of Di Potassium Poly Phosphate and Potassium Phosphite, **PRECURSOR™ XL** is an effective nutrient source derived from phosphorous and phosphoric acids in a higher pH range.

PRECURSOR™ XL contains 3 pints of **Agphite 57** per gallon.

***PRECURSOR™ XL** contains phosphorous acid products intended to be used as a supplement fertilizer treatment. Upon foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions. Not intended for soil directed application.

Application Recommendations:

PRECURSOR™ XL can be applied as a foliar spray with ground sprayers, low-volume ground or with aerial application equipment. **PRECURSOR™ XL** can also be used for, fertigation, starter fertilizer, or as a horticultural drench.

PRECURSOR™ XL may possibly be combined with other agricultural chemicals, including other liquid plant nutrients and pesticides for application efficiency, but a small jar compatibility test should first be made before making commercial applications to the crop. A small portion of the crop should then be treated first in order to determine any phytotoxic effect. PFS recommends the use of a "spreader" only type surfactant at lower rates. Use extreme caution when using a "penetrant" or "sticker-type" surfactant. Avoid spraying during extreme temperatures or when trees may already be in stress.

Recommended Application Rates:

Tree Nut Crops: For almonds, hazelnuts, pecans, pistachios, and walnuts apply 2-4 quarts per acre of **PRECURSOR™ XL** foliar at 1" leaf stage and repeat every 3-6 weeks in the early season to assist the nutritional need of growth and nut retention. Later applications can support the nutritional needs of shell integrity in all nut varieties. In almonds, apply at higher rates foliar and repeated twice within 10 days when early hull split begins.

Tree Fruit: For deciduous fruit apply 2-4 quarts foliar at 1" leaf stage and continually repeat every 3-6 weeks until harvest. Apply **PRECURSOR™ XL** to nutritionally support fruit sizing and opportunity for earlier harvest.

Citrus and Subtropicals: Apply 4-8 quarts per acre of **PRECURSOR™ XL** starting at induction, pre-bloom, post-bloom, and as a August-September sizing spray in accordance with flush growth.

Grapes and Berries: Apply **PRECURSOR™ XL** for essential phosphorous and potassium in early cool season spring, from bud break through post-bloom to veraison. Use for table, wine and raisin grapes as well as berries applied foliar at 2 - 4 quarts per acre every 3-6 weeks. Both **PRECURSOR™ XL** and/or K-Cellerate® nutritionally support the opportunity for earlier Brix.

Vegetable Crops: Apply 2-4 quarts of **PRECURSOR™ XL** per acre, 30 days after planting, pre-bloom through fruit set every 5 - 7 days or as required, with the last application 1-2 weeks prior to harvest.

Grains, Forage and Fiber Crops: Apply 2-4 quarts of **PRECURSOR™ XL** per acre at early growth stages to enhance essential phosphorous and potassium during cool periods as well as to support heat stress later in the season. Use foliar applications to provide necessary phosphorous to coincide with seed set prior to bloom stage.

Guaranteed Analysis:

Total Nitrogen (N)	0.00%
Available Phosphoric Acid (P ₂ O ₅)	23.00%
23.00% Total Phosphoric Acid (P ₂ O ₅)	
Soluble Potash (K ₂ O)	28.00%

Derived From:

Di Potassium Poly Phosphate and Potassium Phosphite

Specifications:

P ₂ O ₅ Per Gallon	2.92
K ₂ O Per Gallon	3.56
Weight Per Gallon	12.70 lbs. @ 68.0° F.
pH.....	9.0-9.2

Salting Out Temperature F <32

PRECURSOR™ XL's manufacturing process and molecule is protected by the following patents:

Reactor 4724132

Molecule 7887616, 8088191, 8193119, 8207089, 8216972, 8221516, 5736164, 5800837, 5925383, 5997910, 6338860, 6509041, 10040046, MX: 20992

Application Volume:

Air: Finished spray must contain at least 75% water.

Low-volume ground: Finished spray must contain at least 75% water.

Standard ground: Finished spray must contain at least 50 GPA of water.

Dilute/Hand spray: 2-4 quarts/100 gal water (spray to point-of-drip).

Information regarding the contents and levels of metals in this product is available by calling (800) 343-7775.

MANUFACTURED BY:

Plant Food Systems, Inc.

F248

2827 Union St. P.O. Box 775

Zellwood, FL 32798

800.343.7775

NET CONTENTS:

- 2.5 gal (9.464 L)
- 5 gal (18.927 L)
- 30 gal (113.562 L)
- 55 gal (208.198 L)

CAUTION – KEEP OUT OF REACH OF CHILDREN

May cause skin irritation. Avoid contact with eyes, skin or clothing. If exposure occurs, wash exposed area thoroughly with excessive water.

PlantFoodSystems.com

Warranty Disclaimer. Plant Food Systems, Inc. provides no warranty of any kind, expressed or implied, except that the product will conform to the chemical description on the label only and in no event be liable, whether or not foreseeable.

