

Technical Bulletin

Gainer 0-52-34

RSA MicroTech
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Introduction

Gainer 0-52-34 is a 100% water soluble potassium phosphate. This low salt formulation should be used to supplement standard fertility practices by providing an additional source of phosphorus and potassium. It can be mixed with other water soluble fertilizers. Gainer 0-52-34 can also be used in the production of other NPK fertilizer solutions.

Gainer 0-52-34 when used to supplement a regular fertilizer program can enhance yield and quality.

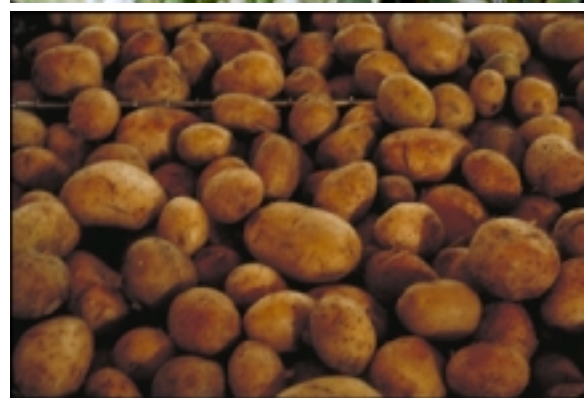
Crops Labeled

Berries: blackberry, blueberry, cranberries, raspberry, strawberry

Nut Crops: almond, pistachio, walnut and others

Tree and Fruit Crops: apple, grape, cherry, citrus, stone fruits, cucurbits, avocado

Vegetables: beets, broccoli, cabbage, carrot, cauliflower, garlic, onions, peppers, peas, potato (inc. sweet), spinach, lettuce, tomato and others.



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Use Rates and Timing

Gainer 0-52-34 is most often recommended at 3 to 10 pounds per acre. Gainer 0-52-34 is recommended for use early in the growing season where phosphorous availability is crucial for the establishment of the rooting system.

Precautions

Gainer 0-52-34 is compatible with most commonly used pesticides. Do not use with lead arsenate, hydrated lime, lime sulfur, or other strongly alkaline materials. Do not use with amine form of 2,4-D or with dicamba (e.g. Banvel). In all cases, it is recommended that a jar test be made to determine compatibility of Gainer 0-52-34 with other materials before proceeding with high volume mixing.

NOTE: This product is not recommended for use with copper or tin fungicides. These mixtures can be phytotoxic and damage the crop.

Contents

Guarenteed Analysis 0-52-34

Available phosphate (P_2O_5)..... 52%
Potassium (K_2O)..... 34%

Derived from monpotassium phosphate

Technical Specifications

Product class FERTILIZER
Formula: KH_2PO_4
CAS#: 7778-77-00
Appearance: Clear, white

odorless crystals

pH 1.0% solution 4.2 to 4.8

Water Solubility, % min: 99.95%

Sieve Test 98% min

-14 (1.41 mm) + 100 (0.18 mm)

Arsenic (As) <0.003%

Cadmium (Cd) <0.002%

Iron (Fe) <0.005%

Lead (Pb) <0.001%

Packaging 50 lb poly bags

This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.

Gainer 0-52-34 is manufactured for RSA MicroTech.

