

Vigor 15-5-1

Science-Driven NutritionSM

Agro-K's line of liquid plant food fertilizers is specifically designed for foliar applications, where product purity is critical.

The AGROBEST™ line of liquid plant food is derived only from food-grade sources of nitrogen, phosphorus and potassium. The result is a product of unparalleled purity and quality with a low salt index. AGROBEST™ liquid plant food fertilizers are designed for rapid uptake and absorption through plant tissue and stomata. The quality macronutrients of Vigor 15-5-1 helps maximize fruit size and plant vigor as well as minimize plant stress due to climate or physiological stage.

Sulfur is an essential plant secondary nutrient which is necessary for the formation of protein synthesis, vitamins, and enzymes. Sulfone sulfur, a neutral, low salt, biologically active soft sulfur source is highly compatible, penetrable and rapidly moves through plant tissue for maximum uptake.

Guaranteed Analysis

Total Nitrogen (N) 15.0%
 1.5% Ammoniacal Nitrogen
 13.5% Urea Nitrogen
 Available Phosphoric Acid (P₂O₅) 5.0%
 Soluble Potash (K₂O) 1.0%
 Sulfur (S) 0.5%

Derived From

Low Biuret Urea, Phosphoric Acid, Dimethyl Sulfone and Potassium Hydroxide

Availability

2.5, 250 and bulk

Directions For Use

Vigor 15-5-1 is designed for foliar use, but may also be applied to the soil or through irrigation. Foliar: Apply 2 to 4 quarts per acre with sufficient water for thorough coverage. Product can be applied at 7 to 14 day intervals at appropriate timings during the growing season. Spray in early morning or late afternoon. Do not apply during the "sunlight" hours when air temperature is above 85° F/30° C. Foliar fertilization is intended to supplement standard ground fertility programs and will not by itself provide all nutrients normally required by agricultural crops. Soil: Apply 2 to 8 quarts per acre.

Suggested Uses**General**

The general recommended foliar application rate is 2-4 quarts per acre depending on the crop, growth stage and nutrient demand. Foliar applications can be repeated as needed during the growing season but should not be applied more frequently than every 7 days. For best results it is important to understand the growth stage of the crop and its nutritional needs at that stage when applying Vigor 15-5-1. Please contact your Agro-K representative with any specific questions regarding rates and timings of this product.

Pome, Stone and Nut Fruits

Apply between the stages of pre-bloom and the end of rapid cell division in young fruit, when tree and fruit demand for phosphorus is at its maximum. Multiple applications can be made within this time period. As long as product is compatible it can be mixed with other nutrients. Secondly, product should be applied 2-3 weeks post harvest to help support the macronutrient needs for over-wintering and next season's buds.

Small Fruits (Blueberries, Caneberries, Cranberries, Gooseberries & Currants)

Apply between the stages of pre-bloom and the end of rapid cell division in young fruit, when tree and fruit demand for phosphorus is at its maximum. Multiple applications can be made within this time period. Extended the application period where multiple fruit sets occur. As long as product is compatible it can be mixed with other nutrients. Secondly, product should be applied 2-3 weeks post harvest to help support the macronutrient needs for over-wintering and next season's buds. Where multiple harvests are employed, wait until final harvest before applying.

Potatoes, Sugar Beets & Onions

The most effective window for application begins immediately prior to tuber/bulb initiation and continues through the rapid cell division stage. Multiple applications can be made within this time period. As long as product is compatible it can be mixed with other nutrients.

Cucurbits

Apply between the stages of pre-bloom and the end of rapid cell division in young fruit, when demand for phosphorus is at its maximum. Multiple applications can be made within this time period. Extended the application period where multiple fruit sets occur. As long as product is compatible it can be mixed with other nutrients.

Seed Crops Alfalfa, Onion, Beet, Radish, Carrot, Mustard

Apply between the stages of pre-bloom and the end of rapid cell division, when demand for phosphorus is at its maximum. Multiple applications can be made within this time period.

Legumes (Beans, Peas)

Apply between the stages of pre-bloom and pod set, when demand for phosphorus is at its maximum. Multiple applications can be made within this time period. As long as product is compatible it can be mixed with other nutrients.

