

PRODUCT INFORMATION

CITRA GROW POTASSIUM SOLUTION



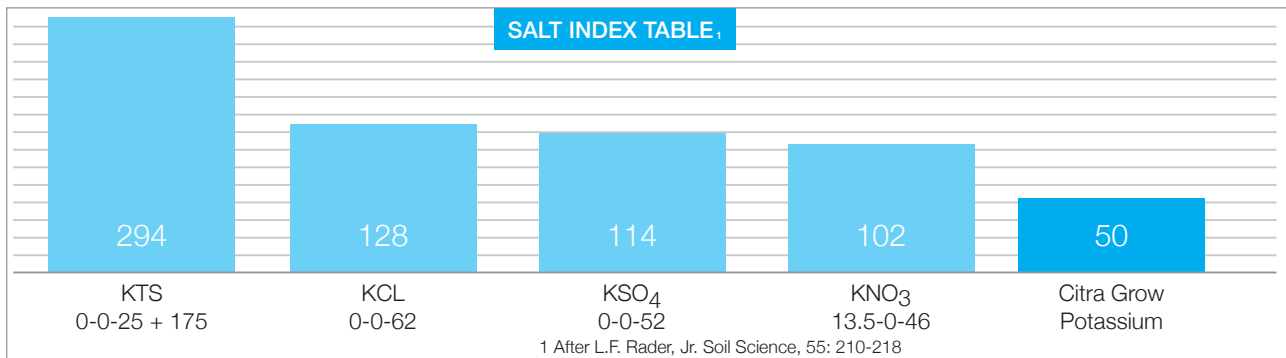
FOLIAR

0-0-20
Soluble Potash (K_2O) 20% by wt.
Density 10.97 lbs/gal.
pH 7.0

SOIL

0-0-25
Soluble Potash (K_2O) 25% by wt.
Density 11.5 lbs/gal.
pH of 1% of Solution 9.7

Unique high analysis liquid offers greater solubility and availability than traditional sources of Potassium when compared to Potassium Nitrate, Potassium Chloride or Potassium Sulfate.



Why Foliar Applied Potassium?

The greatest need for Potassium is during early crop development (rapid growth stage) and during bloom and fruit development. Potassium is needed to stimulate sugar accumulation in fruits and nuts.

Potassium is strongly linked to high soluble solids and enhanced fruit color.

Much of the soils existing Potassium is fixed in soil clay mineral sites and is only slowly available to crops. On average only about 1% of the existing Soil Potassium is available to the crop, the rate at which exchange site Potassium comes into the soil solution varies among soils and it is this rate that often dictates crop performance and yield as the crop approaches its peak Potassium demand period. Often supplemental Potassium is needed for optimum growth and yield.

At certain times of the growing season the crop may not have adequate Potassium to achieve the highest potential yield or quality. No grower can afford to wait. Prevention of Potassium deficiency is preferable to correction after a hidden or borderline deficiency has become evident.

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Solubility Table	Max Solubility per Gallon	Amount of K ₂ O in Solution ²	Other Elements
Citra Grow Potassium Soil	100% Soluble	25.00%	0
Citra Grow Potassium Foliar	100% Soluble	20.00%	0
Potassium Nitrate	25% Soluble	11.50%	3.3% Nitrogen
Potassium Chloride	25% Soluble	15.00%	11.7% Chloride
Potassium Sulfate	9.5% Soluble	4.75%	1.6% Sulfur
Potassium Thiosulfate	100% Soluble	25.00%	1.7% Sulfur

Depending on the growth stage of the crop as it nears harvest, it may not be desirable to apply Nitrogen, which may delay maturity, other elements such as chloride may affect fruit and nut quality.

Grow More Citra Grow Potassium is the ideal solution for supplemental Potassium application.

Properly timed application can:

- Reduce incidents of blossom end rot, powdery mildew and downey mildew
- Can help produce more consistent color
- Can help produce fruits with longer holding capacity on the plant
- Can help improve soluble solids content.
- Reduces incidences of ripening disorders
- Helps stimulate sugar accumulation in fruit and nuts

What makes Grow More's Citra Grow Potassium different?

New technology, research and economics have merged together to produce a unique and reliable liquid delivery system of high purity Potassium, that is free of nitrogen, sulfate, chlorides and sodium.

Manufactured by an exclusive process that forms a eutectic hydroxy carboxylic Potassium solution, a bio effective form of Potassium that readily absorbs and trans-locates through plant tissues for prevention or correction of latent or acute Potassium deficiencies in fruits, vegetables and vine crops.

	Density	Lbs./Gal.	Lbs./K ₂ O	Grams/K ₂ O
Citra Grow Potassium Soil	1.379	11.50	2.87	344.7
Citra Grow Potassium Foliar	1.316	10.97	2.19	263.2
Potassium Nitrate	1.160	9.73	1.11	133.0
Potassium Chloride	1.170	9.75	1.46	175.5
Potassium Sulfate	1.070	9.50	0.45	50.8
Potassium Thiosulfate	1.460	12.20	3.05	365.0

Recommended Application Rate:

FOLIAR 0-0-20 Field and Vegetable Crops: 1/2 to 4 gallons per acre (5 to 36 liters/HA)
Fruit, Nut, Vine Crops: 1 to 8 gallons per acre (9 to 72 liters/HA)

SOIL 0-0-25 Field and Vegetable Crops: 1 to 30 gallons per acre (9 to 290 liters/HA)
Fruit, Nut, Vine Crops: 8 to 30 gallons per acre (9 to 290 liters/HA)



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