GROW KING POTASSIUM

0-10-35 N-P-K

0-23-42 $N - P_2O_5 - K_2O$

Benefits

- Concentrated liquid form of potassium and phosphate
- Potassium source free of chloride
- Potassium source free of sulphate
- Continuous use does not add to soil salinity
- Continuous use does not add to soil water stress
- Citric acid component feeds soil bacteria
- Citric acid component unlocks phosphorus and trace elements in alkaline soil
- Crop benefits from chelating properties of Citric acid

Potassium Fertiliser for Crops

Grow King Potassium is a highly concentrated potassium and phosphorus product with a near neutral pH and free of chloride and sulphate. The product is manufactured to supply phosphorus and potassium as foliar or through the soil as in injection and fertigation.

As potassium and phosphorus are highly beneficial for flower induction and fruit growth, **Grow King Potassium** has the most impact on productivity and return when used during reproductive phase of crop growth.

Grow King Potassium can be easily mixed with UAN and urea for foliar spraying, its high citric acid content makes it highly suitable for foliar tank mixes. Citric acid as foliar and more so through the soil can release/recover soil-bound phosphorus and trace elements for crop use.

Mix With Nitrogen

Grow King Potassium can be mixed with UAN on the following order and ratio :

FIRST;	**Water**	**10parts**
SECOND;	**UAN**	**15parts**
THIRD;	**Grow King Potassium**	**5parts**

Easy on Equipment

Grow King Potassium is a high quality solution, easy to mix, quick to disperse and friendly on equipment.

The Importance of Potassium

Potassium contributes to soil fertility by maintaining favourable soil pH. This in turn is essential for microbial activity as crop residues are converted to organic matter and nutrients are made available to the plant. Soil structure and water holding capacity are also improved with adequate potassium. Soil acidity can restrict crop growth due to increased presence of harmful concentrations of other elements such as iron, aluminium and manganese.

Potassium Deficiency

Potassium deficiency is a common plant disorder often caused by soil types and conditions. Plants require potassium for the performance of vital processes and functions.

Potassium Symptoms Explained

One of the most common potassium deficiency symptoms is scorching or firing along leaf margins. Since potassium is mobile in the plant deficiency symptoms appear on older leaves first. Potassium-deficient plants grow slowly and develop poor root systems. Stalks are weak and lodging is common. Seed and fruit are small and shrivelled, and crops show lower resistance to disease and moisture stress. Plants deficient in potassium are sensitive to disease infestation and have poor yield and quality.

GROW KING POTASSIUM

RLF

Australian-owned Formulator, Manufacturer and Supplier of High-analysis Broad-spectrum Liquid Fertiliser technologies. For over 25 years RLF's products have been used by millions of farmers and growers world-wide.

ISO 9001 Quality Assured Company since 1998.

METHODS OF APPLICATION

Foliar Applied

Fertigation Applied

Furrow Injection at Seeding

ANALYSIS

MACRO NUTRIENTS	
Phosphorus (P)	%w/w
Phosphorus (P_2O_5)	%w/w
Potassium (K)	%w/w
Potassium (K_2O)	%w/w
OTHER	
Citrate	%w/w
SG Density (g/ml)	pH

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APPLICATION

GROW KING POTASSIUM RATE FOR FERTIGATION

Water Rate (L/ha)	10,000	50,000
Grow King Potassium (L/ha)	2 to 5	10 to 25

Grow King Potassium can be used at 2 to 5 L /10,000 L (1mm of irrigation) per ha; (e.g. 10 to 25 L /ha for 5mm of irrigation).

GROW KING POTASSIUM RATE FOR FOLIAR APPLICATION

Grow King Potassium (L/ha)	1L	5L
P (kg)	0.1	0.5
K (kg)	0.35	1.75

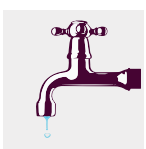
Optimum Water Rate (L/L of Grow King Potassium)*
50x to 100x

Optimum dilution range for foliar application is 50X to 100X per L of **Grow King Potassium**

** Water rate should be adjusted to suit spraying conditions; higher water rates are best suited for dry winter or spring conditions and summer foliar applications; lower water rates should be used for optimum foliar uptake when leaf surfaces are "dewy" (e.g. damp winter and spring conditions).*

HOW TO MIX

Shake Vigorously



Mix with Water

Mix with other Chemicals

Product Compatibility + Jar Testing

DO NOT mix with alkaline copper fungicides or inoculants. If you are unsure, we recommend a simple jar test of products. Mix together and check if reaction occurs.

Precautions

Non-toxic product. Avoid unneeded contact. Keep out of the reach of children. If contact is made with eyes, immediately rinse with plenty of water. If swallowed, seek medical attention.

WARNING : DO NOT mix with alkaline copper fungicides or inoculants.