

FERTILISER - LIQUID

# Uptake-K

Liquid 30% Potassium

- **Plant available potassium**
- **Improves stress tolerance**
- **Improves colour, quality, yield & storage**
- **Facilitates energy transfer**
- **Suitable as foliar spray or via irrigation**
- **For fruit, nuts, vines, vegetables & broad-acre**

Uptake-K is a high analysis organic potassium (30%) fertiliser for rapid uptake; also includes plant stimulants for enhanced crop performance.

Uptake-K is completely soluble and plant available, delivering the required quantity of nutrients with low application rates.

## Potassium

Potassium is involved in numerous biochemical and physiological processes vital to plant growth, yield, quality and stress.

Potassium is essential for translocation of sugars and starch formation; it is also required for leaf stomata opening/closing, strengthens plants and improves plant resistance to drought and disease. Fruit trees and potatoes have a high potassium requirement.

Fruit, vegetables and grain crops require increased potassium during fruit/seed-

fill stage to aid filling, ripening and colour formation. This is because there is competition for energy between developing fruit and vegetative growth which may limit root growth and nutrient uptake, including K.

Uptake-K is effective as a foliar spray and via irrigation.

In all farming systems it is important to provide the nutrient requirements of the crop to gain sufficient yields and maintain the fertility of the soil.

In organic systems, plants frequently struggle to access sufficient soluble potassium during critical growth stages, which can result in under-developed fruit and grain and severely reduce marketable yields.

Uptake-K as 30% potassium citrate is a particularly effective form of potassium (Taha 2014).



Uptake-K used as part of organic program on corn

# Supplying plant available potassium

## PACK SIZES:

20L, 1,000L

## DIRECTIONS FOR USE:

Use during fruit fill, ripening and any other stages that require extra potassium. Suitable for a wide range of crops via irrigation, soil drench and foliar spray.

Application should be avoided when crop is under stress (from any cause) or when there are extreme weather conditions such as temperatures over 28°C, high humidity, frost or rain.

**Do not apply Uptake-K if there are any residues of copper sprays on target plants.**

## TYPICAL ANALYSIS:

Potassium 30% as citrate

## APPLICATION RATES:

Apply as required using the rate best suited to the crop and program you are incorporating this product into.

Fruit & Nut Trees:

10-15L/ha as fertigation

7-10L/ha as foliar spray

Vines:

10-20L/ha as fertigation

2-4L/ha as foliar spray (1:200 dilution)

Vegetables:

15-20L/ha as fertigation

7-10L/ha as foliar spray

Field Crops:

2-7L/ha as foliar spray

Minimum dilution rate 1:100 with water.

Each farmer's situation, processes and practices may differ, therefore necessitate

corrections to ensure optimum results.

Rates adjusted according to production levels. Repeat as required.

Always test for compatibility and crop suitability prior to use. Seek advice for rates suited to your crop.

## CLEAN UP PROCEDURE:

Use all mixture in spray and irrigation tanks; purge tanks and lines with clean water; flush irrigation lines. Do not return mix to original drums.

## STORAGE:

Store in original container away from direct sunlight. Do not store in diluted form.

## PRECAUTIONS:

Physically compatible with a wide range of commonly used products. Always mix a small quantity (jar test) and check for physical compatibility before combining with other ingredients.

When applying for the first time, or in combination with other products, a small test area should be sprayed and observed prior to the total spray.

## WARNING:

Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with eyes and skin.

Wear protective clothing, safety glasses and gloves when using this product.