

Vital fertilisers for your crop

Vital K30

Highly concentrated liquid potassium fertiliser for use as a foliar spray or via irrigation; also contains plant stimulants to promote yield (eg bulking potatoes), fruit ripening & colour.

Benefits of Vital K30

- Plant available potassium combined with plant stimulants
- High potassium concentration
- For rapid uptake as foliar spray or via irrigation
- Mixes with a wide range of agricultural chemicals
- Easy to use liquid formulation

The Role of Potassium

Potassium is one of the important nutrients for crop growth.

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. Vegetables and fruit trees have a high potassium requirement. Potassium should be applied during grain fill, tuber fill for potatoes, fruit growth to aid filling, ripening and colour formation.

How plants use potassium

Potassium is used in many processes in the plant including; enzyme activate, stomatal activity, photosynthesis, transport of sugars, starch and protein synthesis, water and nutrient transportation, quality and strength of crops.

The role of potassium in plants is essential, so the use of potassium can increase yields or quality of all crops.

Potassium Deficiency

Potassium is highly mobile in the plant and can be moved to newer leaves if the nutrient is in short supply. Deficiency symptoms appear on older leaves and generally include a light green to yellow colour of the older leaves. Marginal scorch of the edges and tips of these leaves follows.

Other symptoms include slow plant growth, weak stems and lodging, high screenings levels in the harvested grain and reduced disease resistance.



Vital K30 contains highly available potassium for rapid uptake via leaf or roots; it includes plant stimulants for enhanced crop performance.

Typical Analysis

K 30%
as citrate
plus natural plant stimulants.

Directions for use

Use during tuber, grain & 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 30°C, high humidity, frost or rain.

Application Rates

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

Fruit & Nut Trees 25 - 30L/ha as fertigation;
10 - 15L/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

Adjust rates according to production levels. Seek advice for rates suited to your crop.

Repeat as required.

Always test for compatibility and crop suitability prior to use.

Precautions

Apply product only when plant is growing in optimum conditions. **Do not** apply during flowering. Do not apply after copper fungicides sprays. **Do not** use when crop is under stress (from any cause) or under hot conditions. **Do not** allow spray mist to concentrate or run on leaves or fruit. **Do not** spray in middle of the day.

Physically compatible with a wide range of commonly used products.

Always mix a small quantity (jar test) and check for physical compatibility before combining other ingredients.



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