



*Reg. no.: 2008/0672/2823*

## **POTASSIUM SULPHATE**



420 g/kg K    185 g/kg S

### **Fertilizer Group 2**

Reg. No. K11684 Act 36 of 1947

#### **Ground Up Fertilizers cc**

Registration No: 2008/067228/23

P.O. Box 40, Tarlton, 1749

Tel: (072) 455 1517 Fax: 0866 153 541

e-mail: [admin@ground-up.co.za](mailto:admin@ground-up.co.za)

### **GENERAL INFORMATION**

Potassium Sulphate is a fully water-soluble fertilizer. It contains 42% K and 18.5% S. It also provides sulphur, a macro plant nutrient. Due to its high quality characteristics, Potassium Sulphate can be applied in **hydroponic systems**, in **fertigation** or as a **foliar spray**.

### **APPLICATION**

#### **Fertigation with Potassium Sulphate**

- In continuous fertigation, the concentration of the nutrient solution should be between 0.5-1.5 g/ℓ. For the mother solution, a concentration of 10-15 % can be used depending on the water temperature.
- The number of fertigation applications should be spread in the corresponding period of application.

### Foliar application

- Potassium Sulphate is compatible with the majority of pesticides and fertilizers in common use, but cannot be mixed with a Calcium containing product at high concentration.
- Use of wetting agents is recommended only if Potassium Sulphate is applied without mixing with other products. Optional tank mix with 0.5-1% urea low biuret (U.L.B.) improves penetration.
- The best time to spray is the early morning or in the evening & when temperatures are lower. High temperature and low humidity increase the susceptibility of the plants to injury from sprayed chemicals. Crops under water stress conditions should not be sprayed.

These recommendations are guidelines only. They should be adapted to local conditions, as differences of climate, sod type, temperature, crop variety, application method and irrigation systems occur. Recommended quantities are calculated to satisfy the needs for Nitrogen, and partially the need for Potassium.