

Technical Data Sheet

Product: Headland Multi K

Scientific name: Liquid Solution of Potassium and Sulphur

Contains: 288 g/l potassium (K₂O) and 184 g/l sulphur (S)

Crops: Soil or foliar-applied potassium and sulphur fertilizer for a wide range of agricultural and horticultural crops.

Introduction: Potassium deficiency does not immediately result in visible symptoms. Potassium contributes to the photosynthetic process, regulates the water content of individual cells and is therefore important in times of drought stress. Plants suffering from potassium deficiency show an increased susceptibility to frost damage, fungal attack and saline damage. Sulphur is necessary for nitrogen utilization and is vital for protein formation.

Formulation: Multi K is a chloride-free liquid fertilizer containing 288 g/l potassium (as K₂O), and 184 g/l sulphur (S).

Composition (w/v):

Nutrient	Percentage	Form	Origin
Potassium	28.8% w/v	K ₂ O	27.2% from Potassium Thiosulphate and 1.6% from Potassium Humate.
Sulphur	18.4% w/v	S	Potassium Thiosulphate

Physical characteristics:

Aspect: Liquid

Color: Black/brown liquid

Solubility: Completely soluble in water

Density (at 20°C): 1.41

pH (concentrate): 8

pH (at 2ml/L): 7.7

pH (at 2.5ml/L): 7.8

Headland Agrochemicals Ltd., Rectors Lane, Pentre Flintshire CH5 2DH, United Kingdom.

Tel: + 44 (0) 1244 537370; Fax: + 44 (0) 1244 532097; enquiry@headlandgroup.com; www.headland-aq.co.uk



Rates of Use:

Apply 1.5 – 3 L/fd in at least 100 L of water/fd unless otherwise specified (see 'Timing of Applications').

Note: A crop's nutrient status can only be determined accurately by tissue analysis. Headland recommends that tissue analysis results are used whenever possible to optimize micronutrient applications.

Do NOT apply MULTI K to the foliage of crops sensitive to sulphur

Timing of Applications:

Potatoes:

First application at tuber initiation, a second application 2-3 weeks later and a third at tuber bulking.

Cereals:

From tillering to early boot stage (GS 20 – 43).

Pulses:

Apply from late bud to 10% flowers showing.

Tomatoes, cucumber, etc....:

Apply after fruit set and repeat every 10-14 days during the fruit growth and coloration stages.

Vines:

Apply in at least 150 L of water /ha, at veraison stage. Repeat every 7 – 10 days.

Citrus:

Apply in at least 250 L/fd after fruit drop in June. Repeat 2-3 times with 10-14 day intervals.

Fruit trees (Mango, apples, pears, peaches, nectarines, etc...):

Apply in at least 400 L of water /ha. Make the first application after petal fall and subsequent applications as required during the fruit growth and coloration stage.

Compatibility:

Multi K is physically compatible with most spray applied agricultural chemicals. Consult your supplier for the latest information. Alternatively, up-to-date compatibility information may be found on our web-site at www.headland-ag.co.uk.



Read the label of the partner product carefully before mixing with Multi K.

Storage: **Protect from frost. Store above 5°C**
Do not store in direct sunlight or near direct sources of heat.

Safety Precautions The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP 4) do not apply to this product. Its use should not present a hazard in normal circumstances. Refer to the Material Safety Data Sheet or the product label for full details.

Transport Information: This product is not classified as hazardous for transport.

Date of previous revision: New
Date of latest revision: July 2013
Significant changes since last issue: N/A

Pack Size: 250 ml, 500 ml, 1 l, 2.5 l, 5 l, 10 l, 20 l, 200 l, 1000 l.