

**KTS****0 - 0 - 30 N-P-K + 25% S**

***SIMPLOT KTS is a clear liquid concentrated potassium and sulphur formulation distinctively designed for application to crops such as fruit, vegetables, and broadacre crops.***

It is vital that potassium levels are increased when fruit is developing or when the crops are undergoing rapid growth. SIMPLOT KTS delivers the flexibility and control required in achieving the maximum output and quality in a variety of cropping situations.

**THE FUNCTION OF POTASSIUM**

Potassium, a highly mobile element in the plant, regulates cell turgidity. It is therefore important in stomata control. Potassium also maintains cell division and formation of proteins, carbohydrates and fats. Deficiencies of potassium generally result in low yields of poor quality and burn of the leaf tips.

**THE FUNCTION OF SULPHUR**

Sulphur is a major constituent of plant protein and is essential for producing high yielding, high quality crops. Without sulphur, crops will not make efficient use of other nutrients and will not reach their full yield or quality potential.

**PRODUCT ANALYSIS**

		w/v%
Potassium	(K)	30.0
Sulphur	(S)	25.0

**PRODUCT SPECIFICATIONS**

S.G:	1.46
pH (Neat):	8.0 - 9.0
Appearance:	Clear liquid
Shelf Life:	3 years

**PRODUCT WEIGHTS (Kg)**

5 Litre:	7.5
20 Litre:	30.2
200 Litre:	301.5
1000 Litre:	1540.0

**NOTE BEFORE USE**

The suggested application rates are designed for typical conditions and act as a guide only. Differences in soil types, climatic conditions, water quality, application methods and processes and therefore necessitate corrections to ensure optimum results. Best practice requires that applications under extreme weather conditions such as temperatures over 30°C, high humidity, frost, rain should be avoided. It's recommended that prior to applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total crop spray.

# KTS

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## DIRECTIONS FOR USE

### SOIL APPLIED

#### Starter Fertiliser

Rate: 10 - 40 L / Ha, Water Ratio: 1 : 10 - 50  
Apply at least 5cm below & 5 cm to side of row.

#### Sidedress

Rate: 10 - 180 L / Ha, Water Ratio: 1 : 10 - 50  
Apply either surface banded or knife injected as a source of potassium and sulphur. Rates may vary depending on crop requirement and soil analysis. DO NOT apply with knife injectors and / or other kinds of fertiliser injecting equipment that may cause root damage

### FERTIGATION

#### Drip Irrigation:

##### - Young trees & vines

Rate: 30 - 100 L / Ha

Apply during the season when roots are actively growing.

##### - Mature trees & vines

Rate: 50 - 140 L / Ha

Apply 1-2 times during the season when roots are actively growing.

#### Row crops

Rate: 30 - 50 L / Ha

Apply 2-3 times during growing season after plants well established.

#### Sprinkler, flood & furrow

Rate: 50 - 140 L / Ha

Apply schedule as needed based on soil and/or tissue analysis.

SIMPLOT KTS may be injected into the irrigation in small quantities or in less frequent applications at 125 - 375 mL / 100m<sup>2</sup> every 1-3 weeks.

### FOLIAR (GROUND) APPLIED

#### Canola

Rate: 5 - 15 L / Ha, Water Ratio: 1 : 50 - 100  
Apply from late bud to 10% bloom.

#### Cotton

Rate: 5 - 10 L / Ha, Water Ratio: 1 : 50 - 100  
Apply at flowering, then every 7-14 days by itself or with other nutrient sprays.

#### Lucerne

Rate: 5 - 15 L / Ha, Water Ratio: 1 : 50 - 100  
Apply at crown green-up or on regrowth after cutting.

#### Peas & Lentils

Rate: 5 - 15 L / Ha, Water Ratio: 1 : 50 - 100  
Apply during late bud up to 10% bloom.

#### Potatoes

Rate: 10 L / Ha, Water Ratio: 1 : 50 - 100  
Apply at tuber initiation, then every 7-14 days.

#### Small Grains

Rate: 5 - 15 L / Ha, Water Ratio: 1 : 30 - 80  
Apply from tillering to early boot stage.

#### Tomatoes

Rate: 5 - 15 L / Ha, Water Ratio: 1 : 100 - 150  
Apply when fruit is 5cm in diameter, then every 7-14 days.

#### Trees & Vines

Rate: 5 - 20 L / Ha, Water Ratio: 1 : 100  
Begin application at first full leaf and apply as needed through growing season. Apply in min 400 L, but preferably 800 L water / Ha.

WATER RATIO: A dilution of 1 : 100 means 1 part product : 100 parts water. In hot weather, use the higher dilution rate where applicable. DO NOT apply to foliage of any crop when temperatures are above 30°C. DO NOT apply to crops sensitive to sulphur eg celery. Foliar burn may result. DO NOT mix with acid fertilisers. Product has a pH of 7.5. Blends of product must not be acidified below a pH of 6.0.