

# Omex K41 **NEW**

## FUNCTION

Potassium is a macro element required in large amounts for normal plant growth and development. It is integrally involved in metabolism and plant water relations. An important function of Omex K41 is controlling stomatal movements. Potassium also plays an important role in photosynthesis and is involved in transport of sugars from the leaf.

Visual deficiencies of potassium are light mottling of the leaves around the margins and between the veins. In many crops, eg cucurbits and sugar beet, applications of potassium can induce magnesium deficiency. Omex K41 is formulated to supply both potassium and magnesium to the plant without causing a nutritional imbalance.

## DESCRIPTION

Omex K41 is a highly concentrated, water soluble emulsion containing potassium, magnesium and sulphur.



## Analysis of Omex K41

		Wt/Wt*	Wt/Vol
<b>Nitrogen</b>	N	<b>2.00%</b>	3.00%
<b>Potassium</b>	K <sub>2</sub> O	<b>26.40%</b>	41.00%
<b>Magnesium</b>	MgO	<b>1.60%</b>	2.50%
<b>Sulphur</b>	S	<b>4.80%</b>	7.30%
pH (10% solution)		5.0-6.0	
Specific Gravity		1.52-1.56 @18°C	

\*For registration purposes Wt/Wt concentrations are recommended.

## DIRECTIONS FOR USE

The spray tank should be filled with half of the required amount of water. Measure the required amount of Omex K41 and add to the tank whilst maintaining constant agitation.

Add remaining water to correct dilution. Spray.



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**DILUTION:** Recommended water rate is  
500-1500 Litres per hectare

**Always shake container before opening**



## Recommendations for use:

CROP	RATE l/ha	RATE ml/100l	APPLICATION DETAILS
<b>Almonds</b>	3.0-5.0	300-500	2-3 applications required from jacket split to hull split
<b>Apples</b>	3.0-5.0	300-500	2-3 applications from fruitlet stage
<b>Apricots</b>	3.0-5.0	300-500	2-3 applications from fruit set to colour
<b>Avocados</b>	3.0-6.0	300-500	Multiple applications up to 30 days before harvest
<b>Cucumber</b>	3.0-5.0	300-500	2-3 applications from full bloom
<b>Melons</b>	3.0-5.0	300-500	2-3 applications from flowering to fruit sizing
<b>Peppers &amp; Tomatoes</b>	3.0-5.0	300-500	2-3 applications from fruit set to colour
<b>Potatoes</b>	3.0-5.0	300-500	2-3 applications from flowering to tuber set
<b>Table Grapes</b>	3.0-5.0	300-500	2-3 applications from bloom to ripening

### TANK MIXING COMPATIBILITY

Omex K41 is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regard to physical tank mixing and biological effects on the crop. However, Omex cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volumes of water used.

### PRECAUTIONS

Omex K41 should be stored in frost free conditions with optimum storage range between 5-40°C. Omex K41 is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate. In situations of prolonged storage there may be slight settling of the nutrient particles. This is reversible on shaking.

**PACKING:** Omex K41 is available in HDPE drums of 0.25L, 0.5L, 1L, 3L, 5L, 10L capacity. Drums are fitted with tamper evident closures. 200 and 1000 Litre mini bulk available.

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