

# Omex Magnesium Plus

## FUNCTION

Magnesium is a vital constituent of chlorophyll and is therefore a crucial element in all crops.

Magnesium deficiency is often experienced in areas of light sandy soils with a low pH. Magnesium deficiency will be exhibited as pale white stripes on the leaf, leaf tip browning and reddish interveinal discolouration. Magnesium deficient plants will be characterised by lack of vigour and delayed reproductive stages.

A wide range of crops are susceptible to magnesium deficiency including cereals, vegetables, brassicas, cotton, maize, fruit, root crops and horticultural produce.

## DESCRIPTION

Fully water soluble fluid emulsion fertiliser containing high concentrations of nitrogen, magnesium, manganese and sulphur.



## Analysis of Omex Magnesium Plus

		Wt/Wt*	Wt/Vol
<b>Nitrogen</b>	N	<b>6.80%</b>	9.50%
<b>Magnesium</b>	MgO	<b>9.30%</b>	13.00%
<b>Manganese</b>	Mn	<b>1.45%</b>	2.00%
<b>Sulphur</b>	SO <sub>3</sub>	<b>1.75%</b>	2.50%

pH (10% solution)

2.0-3.0

Specific Gravity

1.38-1.42 @ 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 Magnesium Plus and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.



**DILUTION:** Recommended water rate is 200-1500 Litres per hectare

**Always shake container before opening**

## Recommendations for use:

CROP	RATE l/ha	RATE ml/100l	APPLICATION DETAILS
<b>Cereals</b>	1.25	600	Maintenance application at start of tillering
	2.50	1200	Where deficiency is confirmed, repeat if required
	5.0	2500	At start of flowering to end of milky ripe
<b>Grassland</b>	1.25	600	Maintenance application at onset of spring growth
	2.50	1200	Where deficiency is confirmed, repeat every 10 days until corrected
<b>Oilseed rape</b>	1.25	600	Maintenance application at start of spring growth
	2.50	1200	Where deficiency is confirmed – repeat every 14 days until corrected
<b>Potatoes</b>	1.25	600	Maintenance application at row meet
	2.50	1200	Where deficiency is confirmed – repeat every 14 days up to 10 applications
<b>Sugar beet</b>	1.25	600	Maintenance application at 6 leaf stage
	2.50	1200	Where deficiency is confirmed, repeat if required
<b>Top fruit</b>	2.50	600	Where deficiency is confirmed repeat application every 10 days
<b>Vegetables</b>	2.50	600	Apply as required where deficiency is confirmed

### TANK MIXING COMPATIBILITY

Omex Magnesium Plus 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 Magnesium Plus should be stored in frost free conditions with optimum storage range between 5-40°C. Omex Magnesium Plus 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 Magnesium Plus 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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