

# Omex Combi

## FUNCTION

Micro-elements are essential for plant development and crop yield, however under certain circumstances micro nutrients may become seriously deficient in plant tissue owing to adverse soil type, soil pH and soil moisture.

Deficiencies of micro-elements will cause a breakdown of complex metabolic systems involved in photosynthesis, respiration and amino acid synthesis.

Omex Combi applications provide the crop with a balanced range of micro-elements which can be readily absorbed through the leaves or the roots.

## DESCRIPTION

Omex Combi is a water soluble fluid emulsion containing chelated micro-elements, magnesium and sulphur.



## Analysis of Omex Combi

			Wt/Vol
Iron	(EDTA)	Fe	2.60%
Zinc	(EDTA)	Zn	2.60%
Manganese	(EDTA)	Mn	1.95%
Boron		B	1.00%
Copper	(EDTA)	Cu	0.33%
Molybdenum		Mo	0.03%
Magnesium		MgO	1.30%
Sulphur		S	1.82%
pH (10% solution)			5.7-6.7
Specific Gravity			1.30-1.34 @ 18°C

## DIRECTIONS FOR USE

The spray tank should be filled with half of the required amount of water. Measure the required amount of Omex Combi and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.



**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
Avocado	1.0	100	2-3 applications, 1st spray after flowering followed at 4 week intervals
Berry fruit	1.0	100-200	3 applications, 1st spray 2 months after planting then at 30 day intervals
Cereals	1.0	250	2-4 applications, 1st spray at tillering, 2nd at stem extension, 3rd at ear emergence
Citrus	1.5	150	3 applications from bud formation to 2nd leaf flush
Coffee	1.0	100	2-3 applications, 1st spray 1 month before main flowering, 2nd at new growth
Cotton	1.0	200	2-4 applications, 1st at bud formation, then at 15 day intervals, then spray 1 month after flowering
Cucumber & Melon	1.0	200	2-4 applications, 1st spray 30-40 days after germination followed at 10 day intervals
Grapes	1.5	100-150	2-3 applications from 2 weeks after leaf emergence to fruit
Kiwi	1.5	150	4 applications starting 2 weeks after leaf emergence
Leaf vegetables	1.0	200	3-5 applications, 1st spray 30 days after planting followed at 10-15 day intervals
Nuts	1.0	100	2-4 applications, 1st spray after flowering followed at 30 day intervals
Olives	1.5	150	3 applications 1st on mature trees after fruit set followed at 1 month intervals
Onions	0.75	150	2-4 applications, 1st spray 30 days after planting followed at 10-15 day intervals
Passion fruit	1.0	100	3-4 applications, 1st spray before flowering followed at 15 day intervals
Peas & Beans	0.75	150	2-3 applications 1st spray at bud formation then at 10 day intervals
Pineapple	1.0	50	4-6 applications, 1st spray 1 month after planting followed at monthly intervals
Pome fruit	1.0	100-150	3-4 applications 1st pre-blossom, 2nd post blossom, 3rd at second leaf flush stage
Potatoes	1.0	250	2-5 applications at 15 day intervals
Stone fruit	1.0	66-100	1st application after flowering, 2nd application at fruit set
Tea	1.0	100	3 applications, 1st at start of rains, 2nd after 1st pick, 3rd 1 month later
Tobacco	0.75	100-200	2-3 applications 1st 15 days after transplanting followed 10-15 days later
Tomatoes	1.0	100-200	2-5 applications at 10 day intervals from the start of flowering

### TANK MIXING COMPATIBILITY

OMEX Combi 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 Combi should be stored in frost free conditions with optimum storage range between 5-40°C. OMEX Combi 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.