

Omex Foliar Boron

FUNCTION

Boron is actively involved in the transport of sugars across cell walls and the synthesis of cell wall material. Because of the impact on cell development, Boron deficiencies will retard new growth and development.

Boron deficiency affects a range of crops including root crops, oil seeds, cotton, vines, field brassicas and other vegetables. The primary factors affecting boron availability are soil pH and soil moisture. Crop production on dry soils with pH >6.5 should be identified as being at greatest risk of boron deficiency.

Boron deficiency will cause brittle leaves in sorghum, brassica and sugar beet crops. Cotton is also very susceptible to boron deficiency causing distorted flowers leading to flower and boll shedding in severe cases.

Pollination is greatly influenced by boron availability. Sufficient boron is required for pollen producing capacity and pollen grain viability. Grapes particularly require adequate boron if impaired fertilisation is to be avoided.



DESCRIPTION

Fully water soluble solution fertiliser containing nitrogen and boron.

Analysis of Omex Foliar Boron

		Wt/Wt*	Wt/Vol
Nitrogen	N	4.80%	6.50%
Boron	B	11.00%	15.00%
pH (10% solution)		8.0-9.0	
Specific Gravity		1.35-1.39 @ 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 Foliar Boron 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
Carrots	2.0	400	1st application at 6-8 leaf stage, 2nd application after 3 weeks
Coffee	2.0	200	2 applications, before and after flowering
Cotton	1.0-2.0	200-400	Apply at 5-7 leaf stage, early square stage and early boll stage
Fruit	2.0	200	3 applications per season, 1st spray after petal fall followed at 2-3 week intervals
Legumes	1.0	200	Before flowering
Olives	2.0	200	2 applications, before and after flowering
Other crops	1.0-2.0	200-400	Apply up to 3 times per season
Stonefruit	1.0	100	After harvest before leaf fall
Strawberries	2.0	200	2 applications, before and after flowering
Sugarbeet	3.0	600	1st application at 6-8 leaf stage, 2nd application 2-3 weeks later, before crop meets across row
Vegetables	2.0-3.0	400	1st application at seedling stage when leaf area is sufficient. 2nd application before flowering

TANK MIXING COMPATIBILITY

Omex Foliar Boron 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. Do not mix with phosphates or sulphates.

PRECAUTIONS

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