

# Omex ZiBo

## FUNCTION

Zinc and boron are key elements in plant metabolism and have many functions.

Zinc:

- Formation and modulation of enzymes, which are critical at germination and early root and shoot development.
- Important in converting amino acids into protein essential during periods of rapid tissue growth.
- Deficient plants display stunted growth associated with distorted auxin production.
- Helps to maintain membrane permeability, thus improving stress tolerance.

Boron:

- Along with zinc, boron is involved with synthesis of cell wall material and transport of sugars.
- Boron deficiency is common in soils with pH higher than 6.5
- Pollination is greatly influenced by boron availability.

## DESCRIPTION

ZiBo is a highly concentrated foliar fertiliser containing pure zinc and boron formulated as a liquid suspension. The ratio of zinc : boron is designed to complement the requirement for both elements especially in crops like coffee and cocoa.



## Analysis of Omex ZiBo

		Wt/Wt*	Wt/Vol
<b>Zinc</b>	Zn	<b>15.67%</b>	22.10%
<b>Boron</b>	B	<b>5.20%</b>	7.30%
pH (10% solution)		8.5-10.0	
Specific Gravity		1.39-1.43 @ 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 ZiBo 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 200-1500 Litres per hectare

**Always shake container before opening**



## Recommendations for use:

CROP	APPLICATION	RATE L/Ha	APPLICATION DETAILS
Coffee	60ml/20L	0.5 – 1.0	Apply pre flowering during initial growth flush, followed by 10 - 25 days interval
Cocoa	60ml/20L	0.5 – 1.0	Apply pre flowering during initial growth flush, followed by 10 - 25 days interval
Avocado	60ml/20L	0.5 – 1.0	Apply pre flowering during initial growth flush, followed by 10 - 25 days interval
Mango	60ml/20L	0.5 – 1.0	Apply pre flowering during initial growth flush, followed by 10 - 25 days interval
Passion fruit	60ml/20L	0.5 – 1.0	Apply pre flowering during initial growth flush, followed by 10 - 25 days interval
Cashew	60ml/20L	0.5 – 1.0	Apply pre flowering during initial growth flush, followed by 10 - 25 days interval
Cotton	60ml/20L	0.5 – 1.0	2-3 applications, 1st at bud formation , then 15 days interval, then 1 month after flowering.
Tea	60ml/20L	0.5 – 1.0	3 applications, 1st at the start of rain, 2nd after 1st pick , 3rd 1 month later
Soya bean	40- 60ml/20L	0.5 – 1.0	Before flowering
Oilseed Rape	40- 60ml/20L	0.5 – 1.0	Before flowering
Sugar cane	60ml/20L	0.5 – 1.0	Apply on the planting sett, and between vegetative and grand stage.

### TANK MIXING COMPATIBILITY

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