



LIQUID FERTILISER ENZYME ADDITIVE WITH ZINC COFACTOR

DIRECTIONS FOR USE:

Lumen® Z is for soil application.

Lumen® Z is designed for use on all soil types.

Lumen® Z can be applied to dry soil if planting dry and will be available when the seed germinates.

Lumen® Z should be used as soon as possible once opened.

SITUATION	USE PATTERN	RATE	CRITICAL COMMENTS
Broadacre			
Banded or in furrow application on broadacre crops	In-furrow at planting, banding preplant, or delivery near planting bed for all broadacre or row crops.	500-750 mL/ha	Apply as a total in-furrow spray volume of 30 L to 140 L/ha using fertilizer and/or water carrier.
Sugarcane	Plant and ratoon	750 mL/ha	Apply at planting or on ratoon cane when stool splitting occurs to apply nutrition.
	For side-dressing when applied within 15 cm of the plants.	750 mL/ha	When side-dressing apply with liquid fertiliser solution in spray volume of 30 L to 140 L/ha.
Horticulture			
All horticulture crops	At planting, in-furrow with starter fertiliser or water (or both).	1.5-3.0 L/ha	Apply as a total in-furrow spray volume of 30 L to 140 L/ha using fertiliser and/or water carrier.
	Vegetative stages through dripline application with fertiliser or water (or both).	1.5-3.0 L/ha	Dilute in sufficient application volume to apply through drip or micro-sprinkler irrigation. Apply a sufficient quantity of irrigation to extend product through the root zone. Refer to mixing and compatibility statements for order of mixing.
	Nursery application to container grown seedlings, cuttings and transplants.	2.5 L/100 L	Sufficiently irrigate nursery stock to best allow solution to saturate the soil / substrate
	For side-dressing when applied within 15cm of the plants.	1.5-3.0 L/ha	When side-dressing apply with liquid fertiliser solution in spray volume of 30 L to 140 L/ha.

COMPATIBILITY

Check chemical mixture compatibility using a jar test using all products in proper proportion to establish physical compatibility prior to application. This product is non-phytotoxic and compatible with many commonly used in furrow treatments including fertilisers, insecticides, pesticides, fungicides, micronutrients, and bio-stimulants. Can be mixed with most NPK fertilisers with a pH between 4.5 and 9 as well as water carrier solution. Half fill mix tank with water and begin agitation. Add products in this order, mixing thoroughly after each addition: pesticides, fertilisers, adjuvants then Lumen® Z. Fill tank with remainder of water and continue agitation until solution is completely mixed.

WARNING STATEMENTS: Do not swallow. The spray from this product may act as an irritant. Avoid inhalation and contact with the eyes and skin.

SDS: For further information refer to the Safety Data Sheet (SDS).

Lumen® is a registered trademark of Elemental Enzymes Australia Pty Ltd.

Lumen® Patent No. AU2017233034

ENVIRONMENTAL PROTECTION

DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

STORAGE & DISPOSAL

Store in original container in a cool, well-ventilated area, out of direct sunlight, avoiding temperature extremes. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling dispose of the container in compliance with relevant local, state and territory regulations. Do not burn empty container or product.



Expiry date: 1 year from date of manufacture

This label complies with the National Code of Practice for Fertilizer Description and Labelling.