DUAL CHELATE FERTILIZER

THE SCIENCE IN PLANT NUTRITION

TRANSIT MAGNESIUM (LIQUID)

6.08% Magnesium + 2.18% Nitrogen (Amino Acid derived)

A combination of chelated Magnesium and Nitrogen (amino acid derived), which is highly beneficial in photosynthesis and cell respiration through improved chlorophyll production.

Benefits of Transit Magnesium

Fast and efficient uptake of Mg through microgranular non-hygroscopic technology and superior solubility.

Magnesium is the center element for the chlorophyll molecule and plays an integral role in the bio-synthesis of chlorophyll.

Magnesium is important for specific enzyme functions and is a cofactor for many proteins involved in energy transfer such as ATPase.

Magnesium has a key role in phosphorus transportation.

Magnesium is involved in regulating cellular pH by moderating the cation/anion balance and carbohydrate partitioning.

The Importance of Magnesium

Magnesium is a multi - functional element mainly utilized in the production of chlorophyll and hence improves the photosynthetic capacity of plants.

Magnesium also increases the strength and integrity of both cell walls and cell membranes by binding macromolecules such as pectin together via cross-links to create magnesium pectate.

The Role of Amino Acids

Organically derived L-amino acids promote the bioavailability of nutrients to the plant, enhance plant resistance and recovery to stresses and provide physiological balance.

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Physical Properties - pH: 8.07-8.93, Specific Gravity: **1.14-1.26**
Analysis W/V%: 6.08% Magnesium, 2.18% Nitrogen (Amino Acid derived)

Application Guide

Crop	Foliar	Fertigation	Comments
Broadacre and Row Crops: Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture, Field Peas, Broad Beans, Lentils, Chickpeas	1-2.5 L/ha	4-6 L/ha	Apply as required or when deficiencies are present.
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	1-2.5 L/ha	4-6 L/ha	Apply as required during the crop cycle, especially during vegetative flush and fruit development.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	1-2.5 L/ha	4-6 L/ha	Apply as required during the crop cycle, especially during vegetative flush and fruit development.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	1-2.5 L/ha	4-6 L/ha	Apply as required during the crop cycle, especially during vegetative flush and fruit development.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	1-2.5 L/ha	4-6 L/ha	Apply as required when deficiencies present and apply as required.
Root Vegetables: Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	1-2.5 L/ha	4-6 L/ha	Apply as required when deficiencies present and apply as required.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	1-2.5 L/ha	4-6 L/ha	Apply at early shoot development and the pre-flowering and post-fruit set.


FOLIAR


FERTIGATION

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