



**DUAL CHELATE
FERTILIZER**
THE SCIENCE IN PLANT NUTRITION

Transit Premium Trace

2.10% Magnesium, 0.52% Boron, 0.02% Cobalt,
0.56% Copper, 2.10% Iron, 2.30% Manganese,
0.02% Molybdenum, 2.20% Zinc
+3.68% Nitrogen (Amino Acid derived)

A multi elemental fertiliser consisting of readily available macro and micro nutrients designed to promote plant vegetative and reproductive growth.

Benefits of Transit Premium Trace

Improves productivity and quality of fruits, nuts and vegetables.

Enables plants to manage biotic stresses like pest & diseases.

Enhances plant growth and development through various enzymatic reactions and better fruit setting and retention.

Enhances nutrient use- efficiency (NUE) of accompanying nutrients and thereby saves fertilizer input cost.

The Importance of micro and macronutrients

Boron is vital for flower production and pollination by improving pollen germination and fertilization. Boron also assists in sugar movement.

B, Mo and Co directly influence nitrogen fixation, while Mo & Cu participate in nitrogen metabolism (assist in using free nitrates within the plant system) and thereby minimize N-fertilizer requirement

Being the core elements of chlorophyll molecules, N and Mg along with the participation of Cu, Zn, Mn and Fe, determine the production of chlorophyll molecules and the rate of photosynthesis assisting the incremental yield

Zinc, Molybdenum and Cobalt all play roles in promoting plant growth by assisting in nitrogen fixation and synthesizing of various plant growth hormones such as ABA and IAA.

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.



Transit Premium Trace

Physical Properties - pH @ 1% solution: 4.02
Analysis W/W%: 2.10% Magnesium, 0.52% Boron, 0.02% Cobalt, 0.56% Copper,
2.10% Iron, 2.30% Manganese, 0.02% Molybdenum, 2.20% Zinc,
3.68% Nitrogen (Amino Acid derived)

Application Guide

Crop	Foliar	Fertigation	Comments
Broadacre and Row Crops: Wheat, Barley, Canola, Cotton, Maize, Rice, Sorghum, Triticale, Pasture	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply prior and post tillering and apply as required.
Tree Crops - Deciduous: Almond, Stone fruit, Pome fruit, Pistachio, Walnut, Hazelnut	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply as required when deficiencies present and apply as required.
Tree Crops - Evergreen: Avocado, Citrus, Macadamia, Lychee, Mango, Olives	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply as required when deficiencies present and apply as required.
Fruiting Vegetables: Tomatoes, Capsicum, Cucurbits, Eggplant	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply as required when deficiencies present and apply as required.
Leafy Vegetables: Lettuce, Broccoli, Cabbage, Cauliflower, Kale, Herbs	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply as required when deficiencies present and apply as required.
Root Vegetables: Potato, Sweet Potato, Carrot, Beetroot, Leek, Onion, Radish	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply as required when deficiencies present and apply as required.
Vine and Berry Crops: Wine and Table Grapes, Blueberry	1-2.5 kg/ha diluted in 1000-2500L of water	4-6 kg/ha	Apply at early shoot develop - ment and the pre-flowering and post-fruit set.



FOLIAR



FERTIGATION

Disclaimer: Please be aware that fertilizer can burn and or damage crops and pasture. Visible nutrient deficiency symptoms, analytical results and nutrient removals are the most commonly used criteria to determine the appropriate application rate. There are a number of factors including (but not limited to) weather, soil conditions, application methods, irrigation and management practices which are beyond the control of Dual Chelate Fertilizer and cannot be foreseen. Therefore, Dual Chelate Fertilizer accepts no responsibility what so ever for any damage, loss or other consequences following the use of this guide or product.