

**Power of
4 Active
Chelates**

TETRA CHEL

TILLER



APPLICATION RATES

CEREALS	Litres/Tonne of Target Yield/ha	Best timing of Application
Wheat, Barley, Oats + Rice	1L to 3L	Early tiller to elongation
Maize	1L to 3L	5-leaf stage to pre-silking
Sorghum	1L to 3L	5-leaf stage to booting
Cotton	1L to 3L	4-6 leaf stage, at squaring and early flowering

VEGETABLES	Rate (Minimum water rate 250L/ha)	Best timing of Application
Potato, onion, garlic, carrot, pumpkin, melon, turnip and beetroot	3L/ha 4L/ha	At the start of bulking Tuber or storage organ at about 30% grown
Tomato, capsicum, eggplant, cucumber, zucchini	2L/ha 2L/ha 2L/ha	2-3 weeks after emergence or transplant Early fruit set When fruit is 30% to 50% grown
Lettuce, celery and brassicas	2L/ha 2L/ha 2L/ha	2-3 weeks after emergence or transplant At early head formation When head is 30% to 50% grown

PASTURES (higher rainfall) : Irrigated Pasture, Lucerne, Forage & Silage Crops
1.0 - 1.5L/ha @ early autumn & spring ground cover and after alternate graze or cut.

PASTURES (lower rainfall) : Grass/Legume Pastures
0.75 - 1.0L/ha @ early autumn & spring ground cover and after alternate graze or cut.

ANALYSIS

Phosphorus (P)
 Phosphorus (P₂O₅)
 Sulphur (S)
 Magnesium (Mg)
 Zinc (Zn)
 Manganese (Mn)
 Copper (Cu)



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Tetrachel Tiller is a concentrated foliar fertiliser containing high levels of plant available phosphorus, zinc, copper and manganese for accelerated tiller development and plant growth in cereal crops. Tetrachel Tiller is formulated to provide improved plant response compared to sulphate and oxide forms of micronutrients. Incorporating the proprietary **Tetrachel Chelating System** Tetrachel Tiller contains four forms of chelation that when combined with the products wetting ability increase nutrient uptake through the leaf, availability and translocation of nutrient throughout the plant and energy charging of plant cells.

- 1 EDTA** shuttling action provides a sustainable supply of trace elements, that function in trace element mobility in alkaline phloem sap.
- 2 Orthophosphate**, apart from its chelation property, participates in the energy charge of the cell.
- 3+ Citrate, amino acids** and **orthophosphates**
- 4** function collaboratively in trace element uptake and translocation as well as establishment of metabolic pathways that assist with the production of energy and metabolites needed for plant growth.

Plant physiology provides the blueprint for Tetrachel in that the amino acid chelation manufactured resembles the induced phloem mobility of copper following leaf senescence, where proteins break down to amino acids and chelate copper to supply the newly growing points of the plant top maintaining good grain set.

A significant benefit of Tetrachel is the supply of metabolites and energy for growth, especially important during cold season when plant demand for energy is hardest to meet, due to insufficient light, wintery condition and/or low temperature climate.

BENEFITS

- ✓ concentrated liquid form of high-availability zinc, manganese and copper
- ✓ unlocks phosphorus in alkaline soils
- ✓ stimulates metabolic reactions
- ✓ increases crop responses beyond normal trace element effects
- ✓ keeps nutrients in balance and corrects deficiencies
- ✓ protects new plant growth in cold climates and low light level
- ✓ suitable for tank mixing being safe and easy to use
- ✓ compatible with wide range of crop protection products