



# RAPID ZINC

## Rapid Foliar



Rapid Zinc is an ionic form of zinc and phosphorus and other essential nutrients all rapidly taken up by the plant

Rapid Zinc is a focused specialty formulation that delivers high-performance zinc with phosphorus. Also contained in Rapid Zinc is a supporting balance of sulphur, copper, manganese and magnesium. Rapid Zinc uses advanced rapid delivery system (RDS) technology.



Phosphorus



Zinc



Rapid Zinc uses an ionic form of zinc to ensure rapid and improved uptake efficiency by the leaf. Rapid Zinc uses high-quality EDTA chelates to facilitate zinc mobility in the plant when compared to oxide, sulphate and chelate foliar fertilisers. Rapid Zinc is phosphorus-based, providing fully available inorganic phosphate in the immediate form required by the plant. It is then ready for use to achieve more yield with greater overall result.



Rapid Delivery System

### Benefits

The ionic form of zinc used is rapidly taken up by the leaves and is rain-safe within hours. Rapid Zinc goes to work quickly and effectively.

The Rapid Zinc EDTA chelate components facilitate zinc and trace element mobility and transport within the plant to ensure that the plant can utilise the zinc and phosphorus as and where required.

When applied at 1/L per ha Rapid Zinc supplies enough zinc and copper for 5t/ha. Rapid Zinc also supplies enough phosphorus for an extra 30kg of yield.

Rapid Zinc keeps the nutrient balance of the new growth resulting from the correction of the zinc deficiency.

The phosphate in Rapid Zinc stimulates metabolic reactions and increases the crop response beyond that of the trace element effect.

### Improve the Soil for Next Season

Rapid Zinc has a direct impact on increasing soil organic matter left after the season finishes. This is because Rapid Zinc has increased root mass and rhizosphere activity (root turnover/plant exudate/more microbial activity). Greater soil organic matter helps make soils softer for planting, reduces leaching and improves nutrient and humus availability for next season.

### Easy to Use

Rapid Zinc is a highly concentrated solution fertiliser with excellent handling capabilities.

Rapid Zinc can be mixed with several liquid nitrogen sources including Power N 26, Spray N 34 and Power N 42 (UAN). Rapid Zinc is also compatible with many crop protection products please refer to [rlfchemtest.com](http://rlfchemtest.com) for more information.

### No Comparison

When compared to other products Rapid Zinc gives you fast uptake (1-2 hours), greater nutrient availability, mobility and efficiency and can deliver better results meaning much higher satisfaction in field.

### New Generation

Rapid Zinc is the new generation in available zinc nutrient products. Using the RLF developed RDS (Rapid Delivery System) has ensured that Rapid Zinc delivers zinc and phosphorus to the plant faster and more effectively.

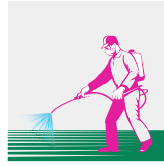
### Safe + Quick

Rapid Zinc is buffered at the correct low pH to deliver the safe and quick uptake of nutrients and eliminate leaf burn often experienced with the leaf application of other products.

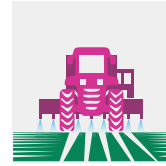
### METHODS OF APPLICATION



**Leaf Application**  
Spray on to the  
Crop Leaf



Manual Application



Machine Application



Rain Safe in 2 hours

### APPLICATION GUIDE

#### Specific Rates

Crop Type	Dilution in Water		Application Rate per hectare
	Minimum	Maximum	
Fruit Trees	250	800	1 to 3 L/ha
Vegetables	250	800	1 to 3 L/ha
Grapes	250	800	1 to 3 L/ha
Cereal, Cotton, Tea	250	800	1 to 3 L/ha
Canola	250	800	1 to 3 L/ha
Sunflower	250	800	1 to 3 L/ha
Root Crops	250	800	1 to 3 L/ha
Rice	250	800	1 to 3 L/ha
Maize/Corn	250	800	1 to 3 L/ha

Rapid Zinc is formulated to be applied through 90-120 micron spray jets making Rapid Zinc ideal for application through large scale commercial spraying equipment including Self Propelled (SP) Sprayers and Boom Spray systems.

#### Recommended Timings

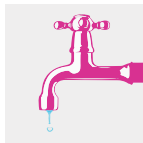
Crop Type	Number of Applications			1 week		3 wks		6 wks		10 wks		12 wks		14 wks	
	Minimum	Preferred		2-Leaf Stage	3-Leaf Stage (1)	Tillering	Mid-Tillering/ Mid-Growth Stage	Root/Tuber Bulking	Pre-flowering	Flowering Stage			Ripening Stage		
Fruit Trees	1 time	to 2 times													
Vegetables	1 time	to 2 times													
Grapes	1 time	to 2 times													
Cereal, Cotton, Tea	1 time	to 2 times													
Canola	1 time	to 3 times													
Sunflower	1 time	to 3 times													
Root Crops	1 time	to 2 times													
Rice	1 time	to 3 times													
Maize/Corn	1 time	to 3 times													

(1) 3 leaf stage in annuals or 3 new leaves formed on shoot tip in perennials

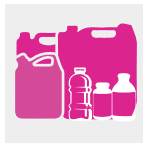
### HOW TO MIX



Shake Vigorously



Mix with Water



Mix with other Chemicals



#### PRODUCT COMPATIBILITY + JAR TESTING

DO NOT mix with alkaline copper fungicides or inoculants. If you are unsure, we recommend a simple jar test of products. Mix together and check if reaction occurs.



#### PRECAUTIONS

Non-toxic product. Avoid unneeded contact. Keep out of the reach of children. If contact is made with eyes, immediately rinse with plenty of water. If swallowed, seek medical attention.

### ANALYSIS AND PRODUCT ASSURANCE

RLF



Australian-owned Formulator, Manufacturer and Supplier of High-analysis Broad-spectrum Liquid Fertiliser technologies. For over 25 years RLF's products have been used by millions of farmers and growers world-wide. ISO 9001 Quality Assured Company since 1998.



#### MACRO NUTRIENTS

Phosphorus (P)  
Phosphorus (P<sub>2</sub>O<sub>5</sub>)  
Sulphur (S)  
Magnesium (Mg)

#### MICRO NUTRIENTS

Zinc (Zn)  
Manganese (Mn)  
Copper (Cu)

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