

RICE KING

Foliar Fertiliser Part Two **2**

What it Provides to the Plant

It contains a high level of potassium and phosphorus as well as seven other essential nutrients. Potassium is particularly beneficial during this second phase of growth and is present in **Rice King Foliar Part 2** as potassium acetate. Potassium in this form typically has a five times more effective absorption rate. This enables much quicker uptake of this nutrient compared to other forms of foliar potassium. It is maintained at maximum uptake by a neutral pH of 6.8.

Boron is present at safe levels to trigger flowering.

Why this is Important

Science tells us that the use of high level potassium during the reproductive phase of crop growth is essential to keep the stomata open to enable photosynthesis for grain set and fill.

Maintaining high phosphorus supply, plus trace elements is also important during this growth stage as it is needed to assist with energy transfer in both respiration and photosynthesis.

The use of EDTA chelate enables the mobility of metallic trace elements to assist with grain set and fill because these minor elements can often be suboptimal during the reproductive phase of the crop due to transient drought. Leaf yellowing is also prevented by **Rice King Foliar Part 2** and it allows for photosynthesis to 'hang-on' during transitional drought.

Potassium Rich High in Available **K**

Rice King Foliar Fertiliser Part 2 is a highly concentrated potassium and phosphorus product with a near neutral pH for use during the reproductive stage of rice crop growth. It applies nutrient delivery technology to deliver its nutrient package through the leaf, however it can also be used through the soil as in furrow injection and fertigation.

Rice King Foliar is a world first for rice and brings many crop advantages.

Because of the special needs and qualities of the rice crop, the optimum amount and balance of nutrient is delivered in a unique two-stage application process. Because of this **Rice King Foliar Part 2** endows the plant with the continual ability to guard against soil nutrient variability and deficiency, and ensures greater plant protection, increased growth and improved yield qualities because the nutrients it needs at the reproductive phase are available to it.

Nutrient Delivery System

Rice King Foliar fertiliser overcomes the nutrient deficiency problems associated with soil and paddock variability. It is contained in an advanced nutrient delivery system (NDS) developed specifically for this purpose. This technology enables the safe transfer of nutrients through the leaf and into the plant cell walls. This increases nutrient delivery significantly. Its formulation gives stability and maintains the integrity of the plant without any risk of element antagonism.

High potassium with phosphorus for the latter stages of grain-set and grain-fill. Vital for yield.

Balanced trace elements required for flowering and fruiting support.

Optimally balanced pH of 6.8 and acetate-based meaning superior foliar absorption of potassium with a 5X improved uptake rate.



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.

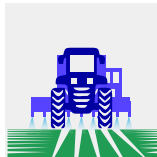
ISO 9001 Quality Assured Company since 1998.



METHODS OF APPLICATION



Manual Application




Machine Application

ANALYSIS



Nitrogen (N)
Phosphorus (P₂O₅)
Potassium (K₂O)
Zinc (Zn)
Copper (Cu)
Boron (B)
Molybdenum (Mo)

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Dilution Rates

Foliar Applied

10 to 20 litres of water per litre of the product is the optimum dilution range for Rice KING Foliar 1 and Rice KING Foliar 2. Always use more water per hectare in dry conditions to benefit from the hydraulic events happening in plant and soil.

Crop Type	Application Rate	Recommended Timings													
		weeks 1	2	3	4	5	6	7	8	9	10	11	12	13	14 weeks
1 L of Rice KING Foliar Part 1 and 1L of Rice KING Foliar Part 2 per tonne of expected yield/h		<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;">Two Leaf</div> <div style="width: 20%;">Three Leaf</div> <div style="width: 20%;">Tillering</div> <div style="width: 20%;">Branching</div> <div style="width: 20%;">Elongation / Jointing</div> <div style="width: 20%;">Root / Tuber</div> <div style="width: 20%;">Pre Flowering</div> <div style="width: 20%;">Flowering</div> <div style="width: 20%;">Grain Set</div> <div style="width: 20%;">Grain Fill</div> <div style="width: 20%;">Ripening Stage</div> </div>													
Rice	1-5 Litres/hectare														
Corn/Maize	1-5 Litres/hectare														
Wheat, Barley, and Oats	1-5 Litres/hectare														
Vegetables	1-5 Litres/hectare														
Grapes	1-5 Litres/hectare														
Tubers	1-5 Litres/hectare														
Lettuce and Brassicas	1-5 Litres/hectare														
Canola and Oil Crops	1-5 Litres/hectare														
Legumes	1-5 Litres/hectare														
Sorghum and Millets	1-5 Litres/hectare														

Part 1 - Vegetative Stage

Apply 1-litre **Rice KING Foliar Part 1** per 1 tonne of expected grain/ha during vegetative crop phase.

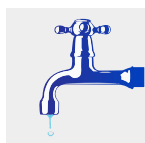
Part 2 - Reproductive Stage

Followed by 1-litre of **Rice KING Foliar Part 2** per 1 tonne of expected grain/ha during reproductive phase, or as late as practical following application of **Rice KING Foliar Part 1**.

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.

See:

www.rlfchemtest.com

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.