

SEED KING

Seed Primer

Advantages

Safely transfers nutrients within close proximity to the seed embryo giving extra strength and growth potential to the young seedling.

Increases yield regardless of fertiliser rate as the seed's internal nutrient concentrations are improved.

Is effective in all soil types regardless of the soil pH.

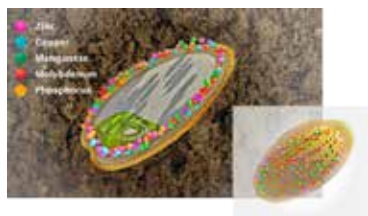
Fixes variability in seed lots and corrects the nutrient variability that is found in all seeds.

Quickly establishes greater root mass and better supports the crop during the early weeks of development.

Delivers higher yield, quality and value with consistent crop results.

Good business for the farmer as the cost represents a small percentage of the financial rewards gained with a positive return for every dollar invested.

AFTER SEED PRIMING



AFTER SOWING



Fertiliser for Seeds

Seed KING is a Seed Primer that imbibes the seed with a multi-nutrient fertiliser.

Seed KING is a High-Analysis Broad-Spectrum Solution (HBS) that gives the seed the highest level of nutrient it requires in one single application. It is easy to apply.

Seed KING is a fertiliser for seed that brings many crop advantages.

Increases Available Phosphorus

Seed KING increases the available phosphorus (inorganic phosphorus) of seed by up to 360% when compared with untreated seed. This 'kick-starts' germination, by supplying energy for robust plant growth and the setting of higher yield potential.

Crops	Control		Seed Primed @ 5L+ 3L water/t		(ppm)
	Phosphorus	Available Phosphorus	Phosphorus	Available Phosphorus	
WHEAT	1930	193	2400	663	334%
CANOLA	5700	570	2170	2170	380%
LUPIN	3300	330	3900	930	280%
RICE	2700	270	3400	970	360%

(Batten, 1985) 10% of Total Seed Phosphorus is INORGANIC Plant Available Phosphorus

Increases Rhizosphere Activity

Seed KING increases rhizosphere activity and releases soil-based phosphate bound to calcium (in alkaline soils), or soil-based phosphate that is bound to aluminium, iron and manganese in acid soils. A faster growing root system growth protects plants from disease and provides healthy support to the establishing crops. It delivers beneficial yield returns.



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	1	Spray + Mix Method
	2	Bag or Packet Method
	3	Container or Bucket Method
Machine Application	4	Auger Spray Application
	5	Drum Priming

APPLICATION GUIDE

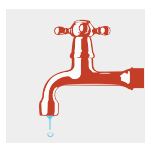
Specific Rates

Seed Type	Seed KING ml/kg		Water + Chemicals ml/kg	Total Application ml/kg
Corn, cotton, sunflower, pumpkin	4	+	2	6
Zucchini, squash, melon, watermelon	4	+	5	9
Wheat, barley, triticale, oat	5-6	+	3-5	8-11
Rice (dry grain), safflower	5-6	+	3-5	8-11
Beet, cucumber, okra, coriander	6-7	+	8-9	14-16
Radish, turnip, kohlrabi, parsnip, pepper	7-8	+	8-9	15-17
Onion, leek, chive, garlic, tomato, eggplant	8-9	+	9-10	17-19
Canola, carrot, lettuce, dill, chicory	10-12	+	14	24-26
Celery, non-fluffy grass pasture seeds	15-18	+	18-20	33-38
Fluffy grass pasture seeds	30	+	33	63

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.

WARNING : DO NOT mix with alkaline copper fungicides or inoculants.

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ANALYSIS

MACRO NUTRIENTS

Phosphorus (P_2O_5)
Sulphur (S)

MICRO NUTRIENTS

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



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General Information

1. Seed KING can be applied to seeds anytime between harvest and seeding. For best result, prime seeds well before sowing time preferably during dry season after harvest.

Always use clean seed as dusty seed causes stickiness and can tie-up Seed KING nutrient reducing uptake.



Absorbed in 20 minutes

3. DO NOT SOW SEEDS ON DAY OF APPLICATION

4. PRIMING AT SEEDING TIME

Primed seeds should be sown at least one day after treatment. If you prime seeds at seeding time, you may notice that primed seed lot volume increase by 10%, this is reversed quickly when seeds lose their extra moisture. When you drill treated seeds soon after treatment, you may need to allow for increased volume if volume increase is not fully reversed.

5. Use Seed KING in accordance with the instructions given in the chart depending upon your specific crop type.