



PLASMA POWER

Foliar Fertiliser



Phosphorus

Manganese Sulphur Copper Zinc Magnesium

Match the Application Rate to meet Expected Yield

Trace elements are often the limiting factor in fertiliser programs and trace element deficiencies can cost the farmers as much as 30% in yield before any symptoms are noticed. The zinc, copper and manganese concentrations in **Plasma Power** are proportionate to the exacting crop-removal levels required to produce high yielding and quality crops and produce. These three trace elements provide crucial support to the major nutrient phosphorus. This allows application rates to be cost-effectively 'matched' to the desired target yield. The pure efficiency of **Plasma Power** proves cost effective and productive.

Increased Phosphorus to lift Crop Yield

At 2 litres per hectare, the phosphorus supplied by **Plasma Power** equates to 0.34kg per hectare. This foliar phosphate with high efficiency has the potential to lift the yield in single plants that were unable to take up adequate phosphorus from soil reserves. As phosphate variation in paddocks is a common problem for grain growers, the level of phosphorus delivered by **Plasma Power** has the potential of increasing crop yield by 100kg of grain per hectare.

Plasma Power is a nutritionally balanced Foliar product with the buffering capacity and wetter to effectively enter the leaves within a very short time-frame for rapid uptake and utilisation by the crop. It has high phosphorus and balanced trace elements. This improves crop health and quality of produce and is all contained in a High-analysis Broad-spectrum solution (HBS).

Plasma Power applies nutrient delivery system (NDS) technology to deliver its nutrient package through the leaf. With NDS, **Plasma Power** provides the plant with an optimum balance of phosphorus and essential nutrients to ensure soil nutrient variability and deficiency is fixed. **Plasma Power** gives greater plant protection, more growth and improved yield qualities. This is achieved with just one product that delivers its nutrient package 'tailor-made' to suit the crop.



Nutrient Delivery System

Features and Benefits

Increased yield as consistently demonstrated by independent trials in Australia.

Reduced NPK costs as granular NPK use can be decreased as part of an integrated fertiliser program.

Improved quality and value as it significantly increases crop quality, quantity and nutritional value.

Safe transfer of nutrients as the load of optimally balanced nutrients are delivered directly through the leaf.

Soil variability problems are fixed as it bypasses the micro-nutrient requirements from the soil by delivering them through the leaf.

Based on science as its formulation is based on plant nutrient removal science.

Environmental conditions are handled better because it gives the plant more energy to deal with stresses associated with inadequate rainfall, changing weather patterns, variations in soil, pests and other external conditions.

Stronger plants to resist disease as plant and crop safety is ensured by investing greater strength to the plant so that infection from disease and handling can be resisted.

Effects from herbicides, fungicides and pesticides are buffered as it provides a substantial boost of nutrition when needed to buffer against the toxic effects of chemicals.

Improved NPK uptake as the agronomic uptake of NPK fertilisers is increased by improving NPK mobility giving greater fertiliser effectiveness and less toxicity.

METHODS OF APPLICATION



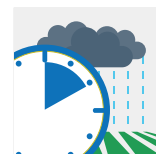
**Foliar Fertiliser to
Spray onto the
Crop Leaf**



Manual Application



Machine Application



Rain Safe in 2 hours

APPLICATION GUIDE

Specific Rates

Crop Type	Litres/Tonne of Target Yield/ha		Best Timing of Application
	Minimum	Maximum	
Cereal Crops			
Wheat	0.5	- 0.75	Early tiller to elongation
Barley	0.5	- 0.75	Early tiller to elongation
Oats	0.5	- 0.75	Early tiller to elongation
Rice	0.5	- 0.75	Early tiller to elongation
Maize	0.5	- 0.75	5-leaf stage to pre-silking
Sorghum	0.5	- 0.75	5-leaf stage to booting
Vegetables Crops	Application Rate		Best Timing
Potato, onion, garlic, carrot, turnip and beetroot	3L/ha 4L/ha 4L/ha		At the start of bulking Tuber or storage organ 1/3 grown Tuber or storage organ half grow
Tomato, capsicum, melon, eggplant, cucumber, pumpkin, zucchini	3L/ha 4L/ha 4L/ha		2-3 weeks after emergence or transplant Early fruit set When fruit is 1/3 to half grown
Lettuce, celery and brassicas	3L/ha 4L/ha 4L/ha		2-3 weeks after emergence or transplant At early head formation When fruit is 1/3 to half grown

Recommended Timings

Crop Type	Number of Applications		Timing for Application
	Minimum	Preferred	
Wheat (all Cereals)	1	to 2 times	Early tiller to grain fill (avoid anthesis)
Corn	1	to 2 times	Good canopy formation into grain filling (avoid silking)
Canola	1	to 2 times	Good ground cover to early flowering
Dryland Pasture	1	to 2 times	Good ground cover after each grazing in winter or early spring
Hay	1	to 2 times	Good ground cover when shut for hay or silage
Fodder Crops (oats, millet, sorghum, turnip and other forage brassicas)	1	to 2 times	Good ground cover and after each grazing when re-growth is expected

Crop Type	Litres / ha per Irrigation	Number of Applications per season / year
Young Vines, Olives and Citrus trees	10 Litres	Bimonthly to monthly
Mature Vines	20 Litres	Bud burst and before flowering
Mature Olives & Citrus trees	20 Litres	Before flowering and post harvest
Other mature Fruit Trees	20 Litres	Up to flowering and after harvest
Vegetable Crops	20 Litres	Early vegetative growth and as required
Irrigated Pastures	20-30 Litres	After each cut or grazing or as required

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_2O_5)
Sulphur (S)
Magnesium (Mg)

MICRO NUTRIENTS

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



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