



PLASMA FURROW INJECT

Furrow Inject Fertiliser



Phosphorus



Manganese



Sulphur



Copper



Zinc

Plasma Furrow Inject is a highly specialised fertiliser product designed for use in furrow injection with the seed at sowing time. It is engineered to deliver a multi-spectrum fertiliser and nutrient formulation directly to the plant via ground injection. This process is highly effective in delivering nutrient to the soil via the furrow injection method.

Plasma Furrow Inject is engineered to contain a high concentration of phosphorus (P) plus four other essential micro-nutrients all contained in one stable solution. This is a highly effective method of delivering fertiliser and nutrient to the germinating seed during seedling establishment.

Plasma Furrow Inject contains chelates, soluble carbohydrates, phosphorylated metabolites and organic compounds that are readily consumed by soil micro-organisms in order to stimulate soil biological activity and generate enhanced crop health.



Multi-Dentate Chelation

Specialised Product for Irrigation

Plasma Furrow Inject is a high quality irrigation product. It injects solution in an efficient manner to improve the availability of phosphate and essential trace elements to germinating seeds and for seedling establishment. Field trials have shown improved visual performance of crops treated this way, and yield increases have been demonstrated in cotton, corn, sunflower and sorghum crops. Many farmers use chemicals at sowing time to treat the seed for diseases. The addition of nutrients to these irrigation systems further improves the health and vigour of the emerging seedlings. The higher cost of furrow injection, as compared to seed treatment alone, is justified where sowing rates are low (i.e. cotton and sorghum), since injection improves both the supply and availability of nutrients in the rhizosphere of the seedling, especially where alkalinity of soil has reduced the availability of nutrients in the developing root zone.

Easy on Equipment

Plasma Furrow Inject is a high quality solution, easy to mix, quick to disperse and friendly on irrigation equipment.

Features and Benefits

Increased yield as demonstrated by trials and grower experiences.

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

Equipment friendly as the HBS formulation means it is immediately dispersed when mixed in irrigation systems.

Precise method of application gives the ability to feed plants frequently and in managed doses.

Matching of nutrients to the crop's physiological growth demands is easier.

Based on science as its formulation is based on plant nutrient removal science which achieves a complete and optimum balance of essential nutrients.

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.

Prevents nutrient loss as the optimum nutrient package is delivered below the root zone (as compared to NPK granular fertilisers).

Soil management is easier as it provides a better way of managing nutrient, soil pH and nitrogen balance.

METHOD OF APPLICATION



Furrow
Injection
at Seeding

APPLICATION GUIDE

Specific Rates

Crop Type	Dilution in Water		Application Rates
	Minimum	Maximum	
Vegetables and Fruits	x40	- x100	1 - 2L/ha
Crops	x40	- x100	1 - 2L/ha
Trees	x40	- x100	1 - 2L/ha

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)

MICRO NUTRIENTS

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

THEORETICAL VALUES



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