Fertigation Fertiliser

Fertigation Plus is a High-analysis Broad-spectrum Solution (HBS) that contains 12 nutrients and delivers its nutrient package to the plant through irrigation or furrow (ground) injection. It is highly concentrated and contains the optimum amount of three vital elements (N-P-K) plus nine other essential nutrients for one single, stable application.

Fertigation Plus endows the plant with the ability to guard against soil nutrient variations and ensures greater plant protection, increased growth and improved yield qualities. This is a highly effective method of delivery of nutrient to the plant via the root structure.

Fertigation Plus 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.

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.

Specialised Product for Irrigation

Fertigation Plus is a high quality irrigation product, especially useful for orchards, vineyards and vegetable crops. It contains all essential nutrients and is particularly rich in nutrients that are 'locked-up' and have limited mobility in soil solutions. Fertigation Plus is most beneficially used during the rapid phase of crop growth when phosphorus and trace elements in root rhizosphere are not replaced fast enough to meet the crop demand. The low pH of the product mobilises calcium deposits in root channels for efficient nutrient delivery in fertigation systems. The high orthophosphate level of the product is readily absorbed by the root system, resulting in the improved quality of fruits and vegetables. The end result is that the high yield would not come at the expense of low quality issues such as thick rind and skin, or pulpy and dry produce.

Easy on Equipment

Fertigation Plus is a high quality solution, easy to mix, quick to disperse and friendly on irrigation equipment.
Soil management is easier to NPK granular fertilisers. Prevents nutrient loss and helps prevent excess nutrition when needed to buffer against the toxic effects of chemicals. Stronger plants to resist disease external conditions. stresses associated with inadequate rainfall, changing weather patterns, variations in soil, pests and other Environmental conditions are handled better complete and optimum balance of essential nutrients. Based on science as its formulation is based on plant nutrient removal science which achieves a Matching of nutrients to the crop’s physiological growth demands is easier. gives the ability to feed plants frequently and in managed doses. Precise method of application as the HBS formulation means it is immediately dispersed when mixed in Equipment friendly as it significantly increases crop quality, quantity and nutritional value. Improved quality and value Increased yield as demonstrated by trials and grower experiences.

APPLICATION GUIDE

Crop Type | Minimum Dilution in Water | Application Rates | Application Growth Stage |
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Leafy vegetables (e.g. Broccoli, Cabbage, Cauliflower, Celery, Herbs, Lettuce, Kohlrabi, Rhubarb, Spinach, Spring Onion) | x 100 | 1st application at 20L/ha | Early Growth |
| | | 2nd application at 20L/ha | Mid-season |
| | | 3rd application at 5L/ha | Onset of Maturity |
Fruiting vegetables (e.g. Bean, Capsicum, Corn, Cucumber, Eggplant, Melons, Pumpkin, Sweet pea, Squash, Tomato, Zucchini) | x 100 | 1st application at 20L/ha | Early vegetative growth |
| | | 2nd application at 20L/ha | Mid vegetative growth |
| | | 3rd application at 5L/ha | During fruit growth |
Bulbs and root crops (e.g. Beet, Carrot, Garlic, Onion, Parsnip, Potato, Radish, Turnip, Sweet potato) | x 100 | 1st application at 20L/ha | Early vegetative growth |
| | | 2nd application at 20L/ha | Mid vegetative growth |
| | | 3rd application at 5L/ha | Early Bulking |
Fruit trees (e.g. Apple, Apricot, Cherry, Citrus, Fig, Nectarines, Olives, Peaches, Pear, Persimmon, Plums) | x 100 | 1st application at 20L/ha | Soon after harvest |
| | | 2nd application at 20L/ha | 2-4 weeks before budburst |
| | | 3rd application at 5L/ha | During fruit growth |
Grapes, Soft fruits (Strawberries and Berries) | x 100 | 1st application at 20L/ha | 2-4 weeks before budburst |
| | | 2nd application at 20L/ha | Pre-flowering |
| | | 3rd application at 5L/ha | During berry growth |
| | | 4th application at 20L/ha | Soon after harvest |
Young trees or Non-bearing fruit tree trees | x 100 | 1st application at 20L/ha | 2-4 weeks before budburst |
| | | 2nd application at 20L/ha | Mid season |
| | | 3rd application at 20L/ha | Late season |

Application Guide
Fertigation products should be applied at the end of the irrigation cycle to prevent fertiliser front going below the root zone. After injection, the system should run long enough to clear the fertiliser out of the lines.

HOW TO MIX

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

RALF
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.