12 Nutrients

Ultra Foliar Fertiliser

SYSTEM CERTIFICATION ISO 9001:2008 SGS

1 specific product with 12 essential nutrients

N	P	K	S	Mg	B
Nitrogen	Phosphorus	Potassium	Sulphur	Magnesium	Boron
Cu	Fe	Mn	Mo	Zn	Co
Copper	Iron	Manganese	Molybdenum	Zinc	Cobalt

12 Nutrients is a High-analysis Broad-spectrum Solution (HBS) that applies nutrient delivery technology to deliver its nutrient package through the leaf. It applies the optimum amount of 12 nutrients and can be effectively used as an all purpose foliar fertiliser.

In a single application **12 Nutrients** endows the plant with the ability to guard against soil nutrient variability and deficiency. It also promotes greater plant protection, increased growth and improved yield qualities.

12 Nutrients is an efficient formulation as it is absorbed directly through the leaf cell walls and into the plant for immediate use. Unlike other foliar products it is not inhibited by the need to access the plant via the stomata.

NDS
Nutrient Delivery System

Solving the Nutrient Deficiency Problem

Every crop, and every plant, has a quantitatively different nutrient need. But the real problem, and day-to-day reality for farmers is knowing exactly what these specific needs are. And pure economics make it impossible to treat every plant with a different nutrient solution. **12 Nutrients** overcomes this tiring problem with its broad-spectrum nutrient package that actually fixes many of these problems. It has been engineered to provide a highly concentrated foliar product that has changed the way in which nutrient deficiency issues are managed.

A Healthier return for the Future

The most effective and cost efficient method of building organic matter in cropping soils is through the enrichment of the crop waste materials and root mass. **12 Nutrients** Ultra Foliar delivers a root mass that has greater size and volume, meaning that because the root mass is greater it returns more matter to the soil. This is good news for the future, as most importantly the nutrient status of the plant at harvest, returns more nutrients and organic matter to the soil. **12 Nutrients** Ultra Foliar achieves all of these things, larger volume plants, larger root structure and mass, and higher nutrient values.

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 12 optimally balanced nutrients are delivered directly through the leaf.
- **Soil variability problems are fixed** as it bypasses the nutrient lock-up in the soil by deliverying them through the leaf.
- **Based on plant** nutrient removal rates.
- **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 uptake of NPK fertilisers is increased by improving NPK giving greater fertiliser effectiveness and less toxicity.

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METHODS OF APPLICATION

Foliar Fertiliser to Spray onto the Crop Leaf

Manual Application

Machine Application

Rain Safe in 2 hours

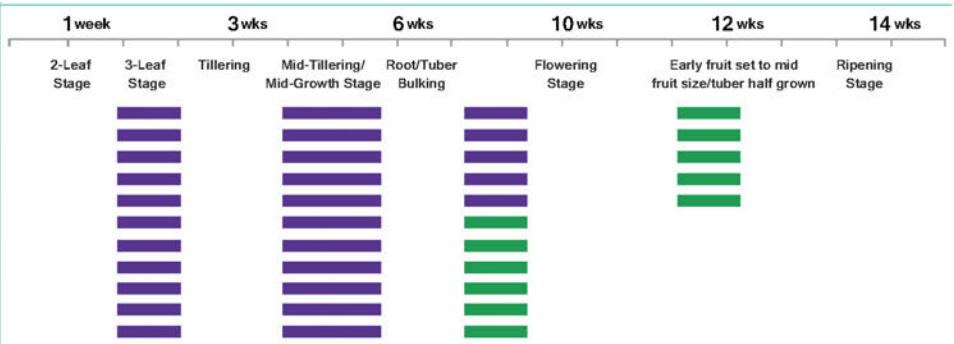
APPLICATION GUIDE

Specific Rates

Crop Type	Dilution in Water Minimum	Dilution in Water Maximum	Application Rate	Target Yield Greater than 6t/ha
Fruit Trees	250	800	3L to 5L per hectare	6L/ha
Vegetables	250	800	3L to 5L per hectare	6L/ha
Grapes	250	800	3L to 5L per hectare	6L/ha
Tubers	250	800	3L to 5L per hectare	6L/ha
Lettuce and Brassicas	250	800	3L to 5L per hectare	6L/ha
Rice	250	400	2L to 4L per hectare	5L/ha
Corn/Maize	250	400	2L to 4L per hectare	5L/ha
Wheat, Barley, and Oats	250	400	2L to 4L per hectare	5L/ha
Canola and Oil Crops	250	400	2L to 4L per hectare	5L/ha
Legumes	250	400	2L to 4L per hectare	5L/ha
Sorghum and Millets	250	400	2L to 4L per hectare	5L/ha

Recommended Timings

Crop Type	Minimum	Preferred
Fruit Trees	3	4 times
Vegetables	3	4 times
Grapes	3	4 times
Tubers	3	4 times
Lettuce and Brassicas	3	4 times
Rice	2	3 times
Corn/Maize	2	3 times
Wheat, Barley, and Oats	2	3 times
Canola and Oil Crops	2	3 times
Legumes	2	3 times
Sorghum and Millets	2	3 times



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	GLOBAL
Nitrogen (N)	g/w
Phosphorus (P)	g/w
Phosphorus (P_2O_5)	g/w
Potassium (K)	g/w
Potassium (K_2O)	g/w
Magnesium (Mg)	g/w
Sulphur (S)	g/w
MICRO NUTRIENTS	
Zinc (Zn)	g/w
Manganese (Mn)	g/w
Copper (Cu)	g/w
Iron (Fe)	g/w
Boron (B)	g/w
Cobalt (Co)	g/w
Molybdenum (Mo)	g/w