



GROW FORCE

SPRAYFEED

FOLIAR 12-2-7

12 - 2 - 7 NPK + TRACE ELEMENTS

A balanced liquid NPK fertiliser with trace elements to assist in correcting deficiencies and maintain growth.

GF SPRAYFEED FOLIAR 12-2-7 contains nutrients for quick absorption into the plant and has a high crop safety which is essential in any true foliar fertiliser.

GF SPRAYFEED FOLIAR 12-2-7 is available in 20, 200 & 1000 Litre pack sizes.

THE FUNCTION OF NITROGEN

NITROGEN is the major building block in protein and chlorophyll. It is also essential for lipid and cytoplasm formation. Highly mobile in the plant, nitrogen is translocated to new growth. Yellowing of leaves and stunted growth are the main deficiency symptoms.

THE FUNCTION OF PHOSPHORUS

PHOSPHORUS acts as a structural component of nucleic acids, and phospholipids, which form, plant membranes. It is also important in cell division, and energy transfer due to the formation of ATP and ADP. Lack of growth in shoots and roots is symptomatic of phosphorus deficiency. Phosphorus can be affected by pH, Phosphate retentive soils and low phosphorus reserves.

THE FUNCTION OF POTASSIUM

POTASSIUM, a highly mobile element in the plant, regulates cell turgidity. It is therefore important in stomata control. Potassium also maintains cell division and formation of proteins, carbohydrates and fats. Deficiencies of potassium generally result in low yields of poor quality and burn of the leaf tips.

THE FUNCTION OF TRACE ELEMENTS

TRACE ELEMENTS including zinc, iron, copper, manganese, molybdenum and boron generally function as essential parts of enzymes in the cell. Many important enzymes consist of proteins that attach to co-enzymes, generally made up of trace elements.

BENEFITS OF GF SPRAYFEED FOLIAR 12-2-7

- High analysis
- Quick correction of deficiencies
- No caking or chemicals reactions during storage
- High compatibility
- Highly economical

ANALYSIS (w/v)

NITROGEN	(N)	12.0%
PHOSPHOROUS	(P)	2.0%
POTASSIUM	(K)	7.0%
MAGNESIUM	(Mg)	0.14%
SULPHUR	(S)	0.96%
IRON	(Fe)	0.017%
COPPER	(Cu)	0.003%
BORON	(B)	0.0026%
MANGANESE	(Mn)	0.002%
ZINC	(Zn)	0.0006%
MOLYBDENUM	(Mo)	0.00036%

SPRAYFEED FOLIAR 12-2-7

DIRECTIONS FOR USE:

AGITATE CONTENTS WELL BEFORE DILUTION

CEREALS

Rate: 4 - 7 L / Ha, **Water Ratio:** Max practicable
Apply at 6 - 8 leaf stage

CITRUS

Rate: 7 - 10 L / Ha, **Water Ratio:** 1 : 150
Apply 2 weeks after bloom

COTTON

Rate: 2 - 4 L / Ha, **Water Ratio:** Maximum practicable
Apply from 4 - 6 leaf stage as necessary (band spray)
Rate: 5 - 7 L / Ha, **Water Ratio:** Maximum practicable
Apply from flowering to maturity. Can be applied aerially to top up nutrient during waterlogged conditions

CUCURBITS

Rate: 7 - 10 L / Ha, **Water Ratio:** 1 : 100 - 150
Apply at 8 - 10 leaf stage

POTATOES

Rate: 7 - 10 L / Ha, **Water Ratio:** 1 : 100 - 150
Apply 4 weeks after planting

STRAWBERRIES

Rate: 3 - 5 L / Ha, **Water Ratio:** 1 : 100
Apply 7 - 10 days after transplanting, repeat before flowering

VEGETABLES

Rate: 7 - 10 L / Ha, **Water Ratio:** 1 : 100 - 150
Apply at early growth stage.

VINES

Rate: 5 - 10 L / Ha, **Water Ratio:** 1 : 100 - 150
Apply prior to flowering - continue at required 14 day intervals

NOTE:

WATER RATIO:

A dilution of 1 : 100 means 1 part product : 100 parts water.
In hot weather, use the higher dilution rate where applicable

COMPATIBILITY STATEMENT

Grow Force Liquids are compatible with a wide variety of known pesticides. Grow Force will not be recommending any compatibilities due to frequent changes in pesticide formulations. Refer to your agricultural chemical manufacturer for more information on compatibilities. If mixing Grow Force Liquids with other chemicals, always mix a representative quantity in water (Jar Test) and check for precipitation or any other physical changes (heat or gas etc.). It is also recommended that the jar test is applied to small test area and observed for phytotoxicity before spraying to total crop.

CONDITIONS OF SALE

Grow Force wishes to advise that the results obtained from products and services provided by Grow Force are highly dependant on climatic and weather conditions, soil conditions, irrigation methods, application methods, agricultural practices and other factors outside the control of Grow Force. In particular, Grow Force cannot guarantee that crops will grow or products will work in a customer's given circumstances. Furthermore, to the extent permitted by law, Grow Force accepts no liability whatsoever for any injury, damage, loss or other result flowing from products or services provided by Grow Force (or any advice or representation made by a Grow Force employee or representative) whether due or alleged to be due to negligence on the part of Grow Force or not. Where liability cannot be excluded by law, Grow Force limits its liability to replacement of the goods previously supplied or, in the case of services, the re-supply of those services.

NOTE: The suggested application rates are designed for typical Australian conditions and act as a guide only. Differences in soil types, climatic conditions, water quality, application methods and processes and therefore necessitate corrections to ensure optimum results. Best practice requires that applications under extreme weather conditions such as temperatures over 25°C, high humidity, frost, rain should be avoided. It is recommended that prior to applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total crop spray. It is recommended that leaf (sap) tests are conducted on a regular basis to monitor actual plant nutrient availability during each growing cycle. Soil tests at least once per year are essential.