

GROW FORCE

S P R A Y F E E D

VITI-P

7 - 13 - 4 NPK + Trace Elements

GF SPRAYFEED VITI-P is a high analysis phosphorus fertiliser containing readily available trace elements to assist in the growth and of viticultural crops.

GF SPRAYFEED VITI-P is available in 20, 200 & 1000 Litre pack sizes.

ANALYSIS (w/v)

NITROGEN	(N)	6.800%
PHOSPHORUS	(P)	13.400%
POTASSIUM	(K)	4.100%
MAGNESIUM	(Mg)	1.400%
ZINC	(Zn)	1.270%
COPPER	(Cu)	0.260%
BORON	(B)	0.170%
IRON	(Fe)	0.840%
MANGANESE	(Mn)	1.680%
MOLYBDENUM	(Mo)	0.025%

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.

SPRAYFEED VITI-P

DIRECTIONS FOR USE: AGITATE CONTENTS WELL BEFORE DILUTION

VINES

Fertigation

- **Rate:** 5 - 8 L / Ha,
Water Ratio: 1 : 200 - 500
Apply into fertigation system. Can be used with nitrogen application in irrigation.

Foliar

- **Pre-Flowering Rate:** 5 L / Ha,
Water Rate / Ha: 500 - 1000 L
Apply two weeks before flowering.
- **Fruit Set Rate:** 5 L / Ha,
Water Rate / Ha: 500 - 1000 L
Apply at the completion of fruit set. Repeat applications may be required.

NOTE:

WATER RATIO:

PRODUCT IS STRONGLY ACIDIC, use maximum water rates where possible.

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.