

GROW FORCE

SPRAYFEED

BALANCED K

5 - 8 - 20 NPK

GF SPRAYFEED BALANCED K is a concentrated potassium liquid, balanced with phosphorus and nitrogen to assist in the quick filling and ripening of fruit and vegetables.

GF SPRAYFEED BALANCED K is available in 20, 200 & 1000 Litre pack sizes.

ANALYSIS (w/v)

NITROGEN	(N)	5.0%
PHOSPHORUS	(P)	8.0%
POTASSIUM	(K)	20.0%

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.

DEFICIENCY SYMPTOMS

Scorched leaf edges are a characteristic of potassium deficiency. Burn will be brown to black. Poor yield and quality of product is usually evident before leaf symptoms.

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.

SPRAYFEED BALANCED K

DIRECTIONS FOR USE:

AGITATE CONTENTS WELL BEFORE DILUTION

AVOCADOS

Rate: 7.5 - 12 L / Ha,

Water Ratio: 1 : 100

Apply after flowering with normal spray programme.

BANANAS

Rate: 3 - 5 L / Ha,

Water Ratio: 1 : 50 - 100

Apply fortnightly with regular spray programme or at early fruit development depending on requirement. Do not apply to uncovered fruit. DO NOT apply aerially with mancozeb and oil or Dithane OC.

BROADACRE

- **Foliar Rate:** 5 - 7.5 L / Ha,

Water Ratio: Maximum practical

After flowering with normal spray programme.

HORTICULTURAL

- **Foliar Rate:** 7.5 - 12 L / Ha,

Water Ratio: 1 : 100

At fruit set with normal spray programme.

- **Trickle Rate:** 15 - 20 L / Ha,

From fruit set to pick with normal spray programme.

TREE CROPS:

Avocado, Citrus & Macadamias

- **Foliar Rate:** 10 - 12 L / Ha, **Water Ratio:** 1 : 100

Apply with normal orchard sprays during filling & ripening.

- **Trickle or under tree Rate:** 15 - 30 L / Ha

Apply during filling and ripening stage.

DO NOT apply to mangoes, stone fruit and other soft skin fruit

VINES

Rate: 7.5 - 12 L / Ha,

Water Ratio: 1 : 200

Apply from post -fruit set to veraison at 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.