


**SPRAYFEED**  
**ZnP**


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**0 - 18 - 2 NPK + 14% Zinc**

*GF SPRAYFEED ZnP is a high analysis zinc, phosphorus and potassium liquid to assist in the correction of deficiencies and maintenance of growth in most agricultural situations.*

The timing of zinc and phosphorus applications is critical to ensure maximum yield and quality. Applications early in the plants life will ensure enough zinc in particular is available for physiological needs.

#### 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 ZINC

Zinc forms part of the enzyme carbonic anhydrase, essential to maintain CO<sub>2</sub> levels for photosynthesis. Zinc also plays an important role in the synthesis of the plant hormone Indoleacetic acid from amino acids, which controls cell expansion, elongation and helps to initiate cell division.

#### PRODUCT ANALYSIS

		(W/V)
Phosphorus	(P)	18.0%
Potassium	(K)	2.0%
Zinc	(Zn)	14.0%

#### PRODUCT SPECIFICATIONS

S.G:	1.46
pH (Neat):	1.0 - 2.0
Appearance:	Yellow liquid
Shelf Life:	3 years

#### PRODUCT WEIGHTS

5 Litre:	7.5
20 Litre:	30.2
200 Litre:	301.5
1000 Litre:	1540.0

# SPRAYFEED

## ZnP

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**DIRECTIONS FOR USE: AGITATE CONTENTS WELL BEFORE DILUTION**

### COTTON

**Rate:** 3.0 - 5.0 L / Ha

**Water Ratio:** 1 : 20

Commence from 4 - 6 leaf stage.

### CEREALS

**Rate:** 1.5 - 2.5 L / Ha

**Water Ratio:** 1 : 30 min

Commence at 4 - 8 leaf stage.

### CITRUS

**Rate:** 3.0 - 5.0 L / Ha

**Water Ratio:** 1 : 100 min

Apply at both spring and autumn flush.

### MAIZE

**Rate:** 2.0 - 4.0 L / Ha

**Water Ratio:** 1 : 50

Apply at 4 - 6 leaf stage onwards.

### VEGETABLES

**Rate:** 2.0 - 4.0 L / Ha

**Water Ratio:** 1 : 200

Apply at early stages of growing season when sufficient leaf cover present.

### VINES

**Rate:** 2.0 - 4.0 L / Ha

**Water Ratio:** 1 : 200

Apply prior to flower. Repeat as required.

### 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 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.