

# **GROW FORCE**

## SPRAYFEED

# MOLYBDENUM

25% Molybdenum, 11% Phosphorus

*GF SPRAYFEED MOLYBDENUM is a concentrated liquid Molybdenum which assist in the correction of deficiencies and maintaining growth in crops.*

*GF SPRAYFEED MOLYBDENUM is available in 5, 20, 200 & 1000 Litre pack sizes.*

### ANALYSIS (w/v)

PHOSPHORUS	(P)	11.0%
MOLYBDENUM	(Mo)	25.0%

### THE FUNCTION OF MOLYBDENUM

MOLYBDENUM is essential for the chemical changes involved with nitrogen assimilation i.e the conversion of nitrate to ammonium inside the plant. It is therefore important for chlorophyll and enzyme formation.

### MOLYBDENUM DEFICIENCY SYMPTOMS

Plants are stunted and pale, and leaves become burnt around the margins. Cauliflower develops whiptail, while abnormal twisting of the midrib is seen in other Brassicas. Interveinal chlorosis is seen on leguminous crops. plant membranes.

Molybdenum 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 MOLYBDENUM

## DIRECTIONS FOR USE:

### AGITATE CONTENTS WELL BEFORE DILUTION

#### BRASSICAS

**Rate:** 250 - 500 ml / Ha, **Water Ratio:** 1 : 400 - 800

Apply at 4-6 leaf stage.

Follow up applications as required.

#### CANOLA (SEED) & CEREALS

**Rate:** 200 - 300 ml / Ha, **Water Ratio:** 1 : 500 - 700

Apply at 3-5 leaf stage.

#### CUCURBITS

**Rate:** 250 - 500 ml / Ha, **Water Ratio:** 1 : 400

Apply at 2-4 leaf stage.

Follow up applications at 7-10 day intervals as required.

#### LUCERNE & CLOVER

**Rate:** 150 - 250 ml / Ha, **Water Ratio:** 1 : 700 - 800

New areas - apply as soon as sufficient leaf cover.

Established areas - apply after every 3rd / 4th cut.

#### PASTURE

**Rate:** 150 - 250 ml / Ha, **Water Ratio:** 1 : 700 - 800

2 applications - spring & autumn.

#### PEAS & BEANS

**Rate:** 250 - 500 ml / Ha, **Water Ratio:** 1 : 400

Apply at 3-5 leaf stage.

Repeat applications as required for areas showing severe deficiency.

#### SUNFLOWER

**Rate:** 200 - 400 ml / Ha, **Water Ratio:** 1 : 500

Apply at 4 to 6 leaf stage.

#### TOMATOES

**Rate:** 200 ml / Ha, **Water Ratio:** 1 : 1000

Apply when plant is approx. 6 - 8 inches (10 - 15 cm).

#### VEGETABLES

**Rate:** 200 - 400 ml / Ha, **Water Ratio:** 1 : 250 - 500

Glasshouse application at 2 leaf stage, approx 5 mls / 1000 plants in 5L water.

#### 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.