

HYGROPONIC

A SPECIALISED HYDROPONIC FERTILIZER TO BE USED WITH SOLU-CAL AND POTASSIUM NITRATE FOR THE PRODUCTION OF TOMATOES, CUCUMBERS & PEPPERS

Nitrogen (N).....	68	g/kg
Phosphate (P).....	42	g/kg
Potassium (K).....	208	g/kg
Magnesium (Mg)	30	g/kg
Sulphur (S).....	64	g/kg
Iron (Fe).....	1254	mg/kg
Manganese (Mn).....	299	mg/kg
Zinc (Zn).....	149	mg/kg
Copper (Cu).....	22	mg/kg
Boron (B).....	373	mg/kg
Molybdenum (Mo).....	37	mg/kg

GROUP 1 FERTILIZER

Reg. No. K5709

Act No 36 of 1947

DIRECTIONS FOR USE

HYGROPONIC is a balanced water soluble nutrient mixture for the production of tomatoes, cucumbers and peppers in tunnels under hydroponic conditions. **HYGROPONIC** must be used with **SOLU-CAL** and **POTASSIUM NITRATE** in preparing the feed water mix.

When making the feed water mix, dissolve the indicated amount of fertilizer in 1000 (one thousand) litres of water and apply to the plants. Where concentrations are injected into the irrigation water, 1000 (one thousand) litres of the irrigation water should contain the indicated amounts of fertilizer.

PLEASE NOTE: Due to variable conditions the following applications should only be used as general guidelines.

- In the case of a stock tank (concentrated solution)***

Do not mix **HYGROPONIC** (contains phosphates and sulphates) with **SOLU-CAL**. These concentrated solutions should be injected simultaneously but separately into the main irrigation line (i.e. by using 2 injection pumps). Should the solution mix in the concentrated form a precipitate will immediately form. To prevent this, injection points in the main line should be at least 1.5m apart.

- In the case of a diluted solution (e.g. 500g - 3kg/1000L)***

HYGROPONIC and **SOLU-CAL** can be mixed together; provided that **SOLU-CAL** is 100% dissolved before **HYGROPONIC** is added.

RATES OF APPLICATION

TOMATOES

Transplant to first flower truss:

600 g HYGROPONIC + 490 g SOLU-CAL

First flower truss to third flower truss:

800 g HYGROPONIC + 620 g SOLU-CAL

Third flower truss to end:

800 g HYGROPONIC + 620 g SOLU-CAL + 200 g POTASSIUM NITRATE

CUCUMBERS

1st two weeks:

500 g HYGROPONIC + 500 g SOLU-CAL

Thereafter:

800 g HYGROPONIC + 800 g SOLU-CAL

PEPPERS

1st three weeks:

600 g HYGROPONIC + 600g SOLU-CAL

Thereafter:

900 g HYGROPONIC + 900 g SOLU-CAL

Manufactured, Registered & Distributed by:



PROPERTIES (PTY) LTD
Reg. No. 1984/00638/07
1 Gerard Braak St, Pyramid
PO Box 17220, Pretoria North, 0116
Tel (012) 545 8000 • Fax (012) 545 8088