

TECHNICAL BULLETIN



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CROSPUR SPECTRUM

MATERIAL & FUNCTION

CROSPUR SPECTRUM is a high nitrogen, medium potassium, low phosphate, fully dissolved liquid foliar fertilizer into which has been incorporated a broad range of trace elements. SPECTRUM allows accurate and direct foliar fertilization whereby the nutrients are available for immediate absorption through the foliage of the plants. It also allows application of the nutrients as and when required by the plants. SPECTRUM should be utilized as a supplement nutrient for vegetables, flowers, lawns, turf and agricultural crops. Being fully soluble Spectrum can be applied by various methods including drip feed, overhead boom and hand spraying equipment.

CROSPUR SPECTRUM contains

Element	% w/v
Nitrogen from Nitrates	2.8
Nitrogen from Ammonium	1.5
Nitrogen from urea	9.5
Phosphorous (water soluble form)	1.3
Potassium from Sulphates	2.25
Potassium from nitrates	5.45
Total Nitrogen (N)	13.8
Total Phosphorous (P)	1.3
Total Potassium (K)	7.7
Total Magnesium (Mg)	0.15
Total Sulphur (S)	1.1

CROSPUR SPECTRUM also contains the following soluble trace elements:

Element	% w/v
Copper (Cu)	0.0051
Iron (Fe)	0.0101
Manganese (Mn)	0.0051
Zinc (Zn)	0.0018
Boron (B)	0.0026
Molybdenum (Mo)	0.00007

APPLICATION

Note: ENSURE DRUMS ARE AGITATED FULLY BEFORE USE

Add Spectrum to water in the spray tank and mix thoroughly prior to spraying. The addition of Supasoke at the rate of 10 mls per 10 litres of water will aid in application to hard to wet plants and water repellent soils. The following application rates are a guide for the use of SPECTRUM

Flowers in hot houses

Apply every 1 - 2 weeks in spring and summer or during the growing season and monthly in the other seasons. Dilute at the rate of 60 - 130 mls of SPECTRUM per 10 litres water, mix well prior to application.

Flower gardens and lawns

Apply every 1 - 2 weeks in spring and summer or during the growing season, and monthly in the other seasons. Application is at the rate of 2 - 3 litres of SPECTRUM per hectare using a low volume spray. To facilitate application with a high volume spray, dilute at the rate of 180 - 260 mls of SPECTRUM per 10 litres water, mix well prior to application.

Vegetables and Broadacre crops

Apply every 3 - 4 times in spring and summer or during the growing season. Application is at the rate of 1 - 2 litres of SPECTRUM per hectare using a low volume spray. To facilitate application with a high volume spray, dilute at the rate of 90 - 210 mls of SPECTRUM per 10 litres water, mix well prior to application. For older plants use at double the above rates.

SPECTRUM can also be used on grapevines and stone fruits and orchards. Application rate recommendations can be provided on request.

EQUIPMENT CLEANING

Spray equipment must be thoroughly rinsed with water before and immediately following use. It is most important to clean lines and spray heads promptly before deposits of nutrients form on evaporation of water.

TECHNICAL SPECIFICATIONS

Colour	-	Green.
SG at 20 ⁰ C	-	1.2 ± 0.1
pH	-	5.2 ± 0.5
Viscosity at 20 ⁰ C	-	Approx. 300
Odour	-	Sweetish/negligible.
Diluent	-	Water.
Dangerous Goods	-	Non DG
Toxicity	-	Low
Eco-compatibility	-	Will not harm the environment.

STORAGE

CROSPUR SPECTRUM may be stored for at least 6 months. If stored for lengthy periods, CROSPUR SPECTRUM drums should be agitated 24 hours before use.

PACKAGING

5 and 20 Litre containers.

IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product, which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST***