Knowledge grows

YaraVita™ MOLYBOR

Foliar boron and molybdenum treatment for agricultural and horticultural use		
Guaranteed analysis - total and water soluble:		
boron (B)	11 % w/v	110 g/L
nitrogen (N)	4.2% w/v	42 g/L
molybdenum (Mo)	2.5% w/v	25 g/L

Why Foliar Apply?

Foliar sprays ensure precise application of the right nutrient mix at the right time, and can be specifically targeted to the leaf or fruit, to suit an immediate crop need.

Foliar application also provides nutrients for immediate uptake by the leaves or fruits. As a result, the grower is not reliant on the right soil, pH or growing media conditions and can quickly put the crop back on course.

Boron requirements:

Boron is essential for the integrity and optimal function of membranes and through this role is known to influence diverse functions such as; carbohydrate metabolism, flower formation, pollen germination, fruit setting, water management and transport within the plant.

Nitrogen requirements:

Protein N is by far the largest fraction of N in the green plant; nitrogen plays a key role in nucleic acid formation, amino acid and protein synthesis. N also has a key role in chlorophyll and ATP synthesis.

Molybdenum requirements:

Molybdenum is closely and essentially related to nitrogen utilisation by the plant and the requirement for this element strongly depends upon the mode of nitrogen supply. Although molybdenum is active in only a few enzymatic functions, due to its close connections with nitrogen a deficiency can have a major effect on production in certain crop types.

Benefits:

- *Formulated for safe application at critical growth stages to satisfy crop requirements*
- *Widely tank mixable with other crop sprays. Visit www.tankmix.com for details*
- *Proven, reliable performace Trialled and tested on a wide range of crops around the world*
- *High quality, consistent products.*
- *Manufactured to ISO 9001 quality assurance standards*
- *Easy to use liquid formulation.*
- *Pours and disperses easily and quickly into the spray tank.*
- *High nutrient content means lower application rates reducing handling time and waste packaging.*

Application Rates and Timings for YaraVita MOLYBOR

Beans: 2 to 3 l/ha applied at the 5-15 cm stage. Repeat at 10 to 14 day intervals if necessary. Water rate: 200 l/ha.

Brassicas: 2 to 3 l/ha applied at the 4 to 6 leaf stage. Repeat at 14 day intervals if necessary. Water rate: 200 l/ha. Warning: Excessive molybdenum can be harmful to stock. Do not apply fertiliser containing molybdenum on more than 25% of farm annually. Do not graze for four weeks after application.

Citrus: 2-3 l/ha from two thirds of new leaf development in the spring. Also, apply during autumn flush.
Water rate: 500 l/ha.

Clover: For Seed Production: 1.25 l/ha just after every cut.
Water rate: 50-200 l/ha.

Cucurbits ,Squash (field grown): 2 to 3 l/ha applied at the 4 leaf stage, the start of flowering and at the end of flowering. Water rate: 200 l/ha.

Grapevines: 2 to 3 l/ha applied before flowering. Repeat at fruit set if necessary. Water rate: 200 l/ha.

Lucerne: 2 to 3 l/ha applied at the 5 to 15 cm stage.
Water rate: 200 l/ha.

Olive: 2 to 3 l/ha prior to flowering in the spring.
Water rate: 400-1000 l/ha.

Yara Crop Nutrition
Box 8746, Havelock North, New Zealand

Ph 06 877 6600, Fax 06 877 6610
Email: nz.enquiries@yara.com
www.yara.co.nz