



## Knowledge grows

# YaraVita™ MOLYTRAC™

## Molybdenum treatment for agricultural use via foliar application or seed dressing

### Guaranteed Analysis

Molybdenum (Mo)	25% w/v	250 g/L
Phosphorus (P)	11% w/v	110 g/L

### Benefits

- Formulated for safe application at critical growth stages to satisfy crop requirements.
- Widely tank mixable with other crop sprays. Visit [www.tankmix.com](http://www.tankmix.com) or download the Tankmix app onto your phone for details.
- Proven, reliable performance. Trialled and tested on a wide range of crops around the world.
- High quality, consistent product. 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.

### Recommendations for use

**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. Always consult the product label before use.

Crop	Application Recommendation	Water Rates
Bananas	0.25 l/ha. Regular applications may be necessary where low or marginal levels of Molybdenum exist.	30 - 300 l/ha
Beans	0.25 - 0.5 l/ha when plants are 5 - 15 cm tall. For moderate to severe deficiency, repeat applications should be made at the above rate at 10 - 14 days interval from the first application.	30 - 200 l/ha Seed Dressing: 3 l/t
Brassicas	0.25 - 0.3 l/ha from 4 - 6 leaf stage. For moderate to severe deficiency, repeat applications should be made at the above rate at 10 - 14 days interval.  Seedlings for transplanting: 5 ml per 5 l water over 1000 plants. Alternatively (e.g. Australian market) 0.3 - 0.5 l/ha soil applied prior to emergence and at the 4 - 9 leaf stage.	30 - 500 l/ha
Canola	0.25 - 0.5 l/ha at 4 - 6 leaf stage and at onset of stem extension.	30 - 500 l/ha Seed Dressing: 4 l/t
Capsicums (Field Grown)	0.25 l/ha 30 days after transplanting.	70 l/ha
Carrots	0.25 l/ha 10 - 14 days after transplanting or when crop is 15 cm tall.	200 l/ha

### Nutrients

#### Molybdenum (Mo)

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.

#### Phosphorus (P)

Phosphorus availability in the soil is affected by a number of factors; pH, soil temperature, nutrient interactions etc. The most important role of Phosphorus is its involvement with ATP, the molecule used to provide the energy to drive many of the chemical processes in the plant. This is why Phosphorus is particularly important at times of high metabolic activity.

Crop	Application Recommendation	Water Rates
Cereals	0.125 - 0.25 l/ha applied pre-planting to the soil or from the 5 leaf stage until the end of tillering (Zadoks G.S. 15 - 29).	30 - 200 l/ha Seed Dressing: 0.5 - 2 l/t
Chickpeas	0.25 l/ha when plants are 5 - 15 cm tall. For moderate to severe deficiency, repeat applications should be made at the above rate at 10 - 14 days interval from the first application.	30 - 200 l/ha Seed Dressing: 3 l/t
Citrus	0.25 l/ha from 2/3 of new leaf development in Spring. For moderate to severe deficiency repeat application 10 - 14 days later. Also, 0.25 l/ha applied during Autumn flush. Repeat if necessary 10 - 14 days later.	500 l/ha
Clover (Pasture)	Apply 0.125 - 0.25 l/ha to new growth in Spring.	50 - 200 l/ha
Cotton	Apply 0.25 - 0.5 l/ha at the 4 - 6 leaf stage.	30 - 200 l/ha
Cucumber (Field Grown)	Apply 0.25 l/ha 1 - 2 weeks after germination and at the 4 leaf stage.	200 l/ha Seedlings for transplant: 5 ml per 5 l water over 1000 plants.
Cucurbits (Field Grown)	Apply 0.25 l/ha 1 - 2 weeks after germination and at the 4 leaf stage.	200 l/ha
Eucalyptus	Apply 0.25 l/ha during Spring or Autumn flush.	20 l/ha minimum
Grapevines	Apply 0.5 l/ha before flowering. Repeat at fruit set, bunch closure and early veraison if necessary.	200 l/ha
Peanuts	0.25 l/ha at the 4 - 6 leaf stage. Consider a second application 10 - 14 days later.	30 - 200 l/ha
Lentil	0.25 l/ha at the 4 - 6 leaf stage. Consider a second application 10 - 14 days later.	30 - 200 l/ha
Lettuce (Field Grown)	0.25 - 0.5 l/ha 10 - 14 days after transplanting or emergence. Repeat at 7 - 10 days interval if necessary.	50 - 500 l/ha
Lucerne	0.25 - 0.5 l/ha every 2 - 3 cuts.	50 - 200 l/ha Seed Dressing: 2 - 3 l/t
Lupin	0.25 - 0.5 l/ha when plants are 5 - 15 cm tall.	50 - 200 l/ha
Maize	0.25 - 0.5 l/ha at the 6 - 8 leaf stage.	50 - 200 l/ha Seed Dressing: 2 - 4 l/t
Melon & Squash (Field Grown)	Apply 0.25 l/ha 1 - 2 weeks after germination and at the 4 leaf stage.	50 - 200 l/ha
Olive	0.5 l/ha applied before flowering. Repeat at fruit set if necessary.	500 l/ha
Onion	0.25 - 0.5 l/ha applied as soon as there is sufficient leaf cover to intercept the spray. Repeat 2 weeks later if necessary.	50 - 200 l/ha
Peas	0.25 - 0.5 l/ha when plants are 5 - 15 cm tall. For moderate to severe deficiency, repeat applications should be made at the above rate at 10 - 14 days interval from the first application.	30 - 200 l/ha Seed Dressing: 3 l/t
Pineapple	Apply 0.25 l/ha from start of new leaf growth in Spring. Regular applications at 10 - 14 days interval may be necessary where low or marginal levels of Molybdenum exist. <b>N.B. Do not apply during flowering.</b>	200 l/ha
Potatoes	0.5 l/ha between 100% emergence and tuber initiation.	50 - 200 l/ha
Soybean	0.25 - 0.5 l/ha when crop is 5 - 15 cm tall, repeat at 10 - 14 days interval if necessary.	30 - 200 l/ha Seed Dressing: 3 l/t
Sweet Potato	0.25 l/ha applied 1 week after 100% emergence or transplanting. Also, apply at the same rate following recommendation from analysis.	200 l/ha
Tomato (Field Grown)	0.25 l/ha when crop is 15 cm tall.	50 - 500 l/ha
Soil Application	0.25 - 0.5 l/ha soil applied pre-drilling, pre-planting or prior to emergence (or before regrowth of perennial crops).	30 - 200 l/ha

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