



PRODUCT INFO
& DATASHEET

SICO-B MOL (L)

10% B + 0.2% Mo
Foliar liquid

DESCRIPTION

SICO-B MOL contains 10% Boron (B) and 0.2% Molybdenum (Mo) in liquid form. SICO-B MOL is a liquid product that is designed to maintain the hormone balance in a crop that uses high levels of nitrogen, to increase fruit, seed and storage tissue uniformity.

During the season it will help reduce excessive vegetative growth. There will sometimes be a noticeable increase in disease resistance. Prepare crops for harvest, as a pre-harvest treatment it helps to move the carbohydrates out of the leaves into the roots, the storage tissue, seeds or fruit.

SICO-B MOL is a convenient, effective alternative to soluble boron with the added benefit of molybdenum to promote conversion of nitrate nitrogen into more metabolically functional forms.

SICO-B MOL promotes nitrogen balance in 2 ways:

- Firstly boron enhances nitrogen utilisation by improving sugar transport and metabolism, auxin metabolism and seed and fruit development.
- Secondly molybdenum is essential for the initial conversion of nitrate nitrogen into nitrogen forms that contribute to higher yields rather than vegetable growth. Use plant analysis or petiole monitoring as a guide to plant nitrogen levels and apply SICO-B MOL to maintain nitrogen levels within recommended limits.

APPLICATIONS

1) Directions for use

SICO-B MOL is recommended for seasonal use on the following crops:

* Field crops:

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| Alfalfa: | 5 - 10 litres per hectare |
| Clover: | 5 - 7.5 litres per hectare |
| Maize, cotton, lentils, peanuts, rape, soybeans: | 2.5 - 4 litres per hectare |
| Sugarbeets: | 5 - 10 litres per hectare |
| Sunflowers: | 4 litres per hectare when plants are 10 - 20 cm tall. Apply 4 litres/ha a month later. |

Use higher rates when excessive growth appears. Under normal conditions, use the lower rates every 14 days beginning at the initiation of the reproductive stage or flowering stage.

* Vegetable and row crops:

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| Beets (red): | 4 - 9 litres per hectare |
| Carrots, turnips, cucurbits, tomatoes, lettuce, potatoes, radishes, cucumbers, spinach and melons: | 2 - 4 litres per hectare |
| Broccoli: | 7 - 11 litres per hectare |
| Celery, cabbage and cauliflower: | 2 - 7 litres per hectare |

* Fruit and nuts:

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|--------------------------------|--------------------------|
| Almonds, apples, pears, plums: | 4 - 9 litres per hectare |
| Strawberries: | 4 - 9 litres per hectare |
| Apricots: | 4 - 9 litres per hectare |

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SICO FERTILISERS
EVERY TIME THE *right* SOLUTION



| | |
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| Citrus: | 2 - 7 litres per hectare |
| Grapes: | 7 - 11 litres per hectare |
| Walnuts, pecans: | 4 - 9 litres per hectare |

Use higher rates when excessive growth appears. Under normal conditions, use the lower rates every 14 days beginning at the initiation of the reproductive stage or flowering stage.

2) Crop preparation for harvest

In order to promote sugar movement from leaves to storage tissue, hormones at the growing point must be reduced. The use of SICO-B MOL is only important if plants are not naturally senescing before harvest.

- Asparagus: Apply 10 litres per hectare to foliage 4 weeks before cutting fern.
- Potatoes: Apply 10 litres per hectare to foliage 4 weeks before killing off tops. If vines are not killed, apply 1 week before harvest.
- Onion, garlic, carrots: Apply 10 litres per hectare to foliage 4 weeks before harvest.
- Sugarbeets: Apply 10 litres per hectare when plants should normally be senescing.
- Cotton: Apply 10 litres per hectare at onset of bloom.
- Sugar cane: Apply 10 litres per hectare by air 6 weeks before harvest.
- Maize: Apply 5 litres per hectare 15 - 17 days before tasseling.
- Soybeans: Apply 5 litres per hectare at bloom before pods appear.
- Wheat: Apply 5 litres per hectare at emergence of flag leaf.
- Alfalfa: Apply 5 litres per hectare 8 days before cutting.
- Oilseed rape: Apply 5 litres per hectare at flowering before pods appear.
- Canning tomatoes: Apply 10 litres per hectare 14 days before harvest.
- Apples, cherries, peaches: Apply 2.5 litres per hectare 14 days, 7 days and 4 days before harvest in sufficient water to ensure even coverage.

COMPATIBILITY

SICO-B MOL is compatible with most agricultural chemicals.

Conduct the jar test if in any doubt about specific combinations.

Follow this mixing schedule procedure: add water to spray tank, then SICO-B MOL and then the pesticide.

CAUTION

When using SICO-B MOL in your crop program, do not use any other source of Boron.

Keep out of reach of children.