



PRODUCT INFO
& DATASHEET

MICRO ATTACK SUPER-L (liquid)

5% Nitrogen (N) + 13.5% Boron (B) + 0.3 % Molybdenum (Mo)

1. PRODUCT DESCRIPTION

MICRO ATTACK SUPER-L contains 5% Nitrogen (N) and 13.5% Boron (B) and 0.3 % Molybdenum (Mo) in liquid form (w/v).

MICRO ATTACK SUPER-L 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.

Prepares crops for harvest: as a pre-harvest treatment it helps to move the carbohydrates out of the leaves into the roots, the storage tissue, seed, or fruit.

MICRO ATTACK SUPER-L 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.

MICRO ATTACK SUPER-L promotes nitrogen balance in two 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 contributes to higher yields rather than vegetable growth. Use plant analysis or petiole monitoring as a guide to plant nitrogen levels and apply **MICRO ATTACK SUPER-L** to maintain nitrogen levels within recommended limits.

2. DIRECTIONS FOR USE

MICRO ATTACK SUPER-L is recommended for seasonal use on the following crops:

* **Field crops**

Alfalfa:	5 to 10 ltr per hectare
Clover:	5 to 7.5 ltr per hectare
Mais, cotton, lentils, peanuts, rape, soybeans:	2.5 to 4 ltr per hectare
Sugarbeets:	5 to 10 ltr per hectare
Sunflowers:	4 ltr per hectare when plants are 10-20 cm tall. Apply 4 ltr/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 of flowering stage.

* **Vegetables and row crops**

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

* **Fruit and nuts**

Almonds, apples, pears, plums	4 to 9 ltr per hectare
Strawberries:	4 to 9 ltr per hectare
Apricots:	14 to 19 ltr per hectare
Citrus:	2 to 7 ltr per hectare
Grapes:	7 to 11 ltr per hectare
Walnuts, pecans:	14 to 19 ltr per hectare

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* **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 **MICRO ATTACK SUPER-L** is only important if plants are not naturally senescing before harvest.

Asparagus:	Apply 10 liter per hectare to foliage 4 weeks before cutting fern.
Potatoes:	Apply 10 ltr 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 ltr per hectare to foliage 4 weeks before harvest
Sugar beets:	Apply 10 litres per hectare when plants should normally be senescing.
Cotton:	Apply 10 ltr per hectare at onset of bloom
Sugar cane:	Apply 10 litres per hectare by air 6 weeks before harvest
Maize	Apply 5 ltr per hectare 15-17 days before tasseling
Soybeans:	Apply 5 ltr per hectare at bloom before pods appear
Wheat:	Apply 5 ltr per hectare at emergence of flag leaf
Alfalfa:	Apply 5 ltr 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

3. PRECAUTIONS

When using **MICRO ATTACK SUPER-L** in your crop programme, do not use any other source of Boron. Keep out of reach of children.

4. COMPATIBILITY

MICRO ATTACK SUPER-L is compatible with most agricultural chemicals. Conduct a jar test if in any doubt about specific combinations. Follow this mixing procedure: add water to spray tank, then **MICRO ATTACK SUPER-L** and then pesticide.