



MAS-Power[®] B+Mo

15% Boron w/v

0.45% Molybdenum w/v

MAS-Power B+Mo is a unique formulation designed for use as a premium foliar boron combined with Engage Crop Solutions Mineral Assimilation System (MAS).

A balanced formulation, of boron and molybdenum which delivers optimal levels for use efficiency.

A proprietary formulation which breaks away from traditional, single element products, and provides a complete support package required by the plant.









Provides a superior boron delivery system which addresses plant health and abiotic stresses as well as maximising the yield potential of the crop.

Improves the quality of the spray tank environment resulting in better chemical compatibility and improved foliar penetration and assimilation.

Contains molybdenum which is commonly associated with boron.

CROPS

Most agricultural and horticultural crops including:

-  Sugar Beet
-  Celery
-  Oilseed Rape
-  Grapes
-  Field Brassicas
-  Top Fruit
-  Root Crops
-  Soft Fruit



Guaranteed Analysis

	w/w	w/v	g/l
Boron	11.2%	15.0%	150
Molybdenum	0.3%	0.45%	4.5

The Role of Boron

- Boron is a micronutrient which is essential to many crops. It is involved with plant health and growth and is particularly important in the development of fruit, foliage and reproductive processes.
- Boron also assists with the regulation of water balance within the plant cells.
- Boron helps to maintain the balance between sugar and starch within the plant; it also works on the translocation of sugar carbohydrates (energy for the plant) around the plant. It is very important in pollination and seed production, which are necessary for normal cell division, nitrogen metabolism and protein formation.
- Boron is also essential for the cell wall formation and plays an important role in the development of cell membranes.
- In the soil a high pH will reduce the available boron and a low pH increases it.
- Boron is mobile in light soils and high rainfall or irrigation may cause a temporary shortage in the soil.

The Role of Molybdenum

Molybdenum is a minor trace element which is often overlooked as crops require it in very small amounts. It is however essential for many plant functions.

- It is essential in converting nitrates (NO₃) into amino acids within the plant.
- It is essential to the symbiotic nitrogen fixing bacteria in many crop species.

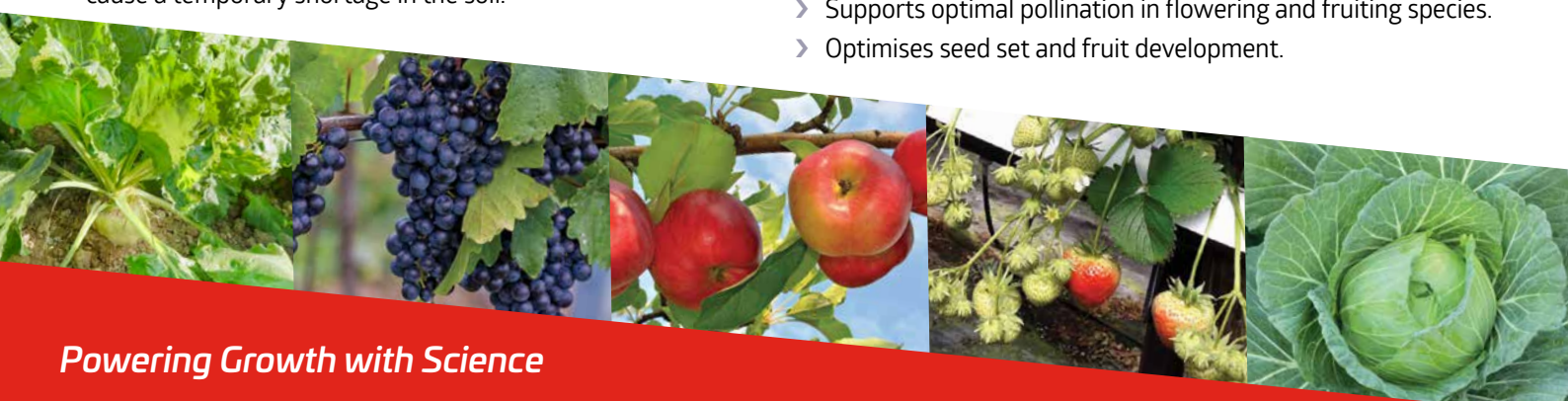
It is vitally important for nitrogen fixation, so symptoms of Mo deficiency are similar those of nitrogen deficiency. Leaves turn pale green to yellow stems and petioles turn reddish brown.

Adequate Molybdenum minimizes the presence of nitrites and nitrates in plant tissues as it is converted quickly to amino acids and it also converts inorganic phosphorus into organic forms in the plant.

Essential for abscisic acid production which is required for optimal maturation and ripening in fruiting crops.

Benefits of MAS-Power B+Mo

- To correct deficiency
- Aids the formation of fruit cells
- Increases the translocation of carbohydrates
- Supports optimal pollination in flowering and fruiting species.
- Optimises seed set and fruit development.





Crop timings and application rates

Crop	No of applications	Timings	Rate litres/ha
Cereals	2	1st 2-6 leaf stage 2nd Tillering	1.0
Sugar Beet	2	1st 4-6 leaf stage 2nd 8-12 leaf stage	3.0
Oilseed Rape	2-3	1st 4-6 leaf stage 2nd Stem extension 3rd Start of flowering	3.0
Brassicas	2-3	As required from tissue analysis 4-6 leaf stage Repeat at 10-14 days intervals	2.0-3.0
Leafy Salads	2	As required from tissue analysis Repeat at 10-14 day intervals	1.0-2.0
Potatoes	1-2	From 1 week after full emergence	1.0-2.0
Root Crops	2	1st 6-8 leaf stage 2nd 14-21 days later	2.0
Legumes	1-2	Repeat as necessary 10-14 day spray intervals	2.0
Top Fruit	3-4	1st Pink bud 2nd Early bloom 3rd Petal fall 4th Post harvest before leaf senescence	1.0-2.0
Stone Fruit	1	After harvest before leaf senescence 1st White bud	1.0-2.0
Soft Fruit	3	2nd 12-14 days later 3rd Post harvest before leaf senescence	1.0-2.0
Ornamentals	1-2	As required from tissue analysis Repeat at 10-14 day intervals	1.0-2.0

MAS-Power B+Mo is compatible with most known pesticides and is ideal to sit within tank mixes. It is advisable to conduct a jar test where tanks mixes contain multiple products or where a new pesticide is being used for the first time.

Water recommendation: 200 litres – 1000 litres/ha depending on crop.

MAS-Power B+Mo contains 15% Boron and should therefore only be used at recommended rates..

For more detailed application rates per crop, please visit engagecropsolutions.com or speak to an Engage advisor.

Always read the label before use.

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