



INNOVATIVE and AUSTRALIAN

MANNI-PLEX CAL MAG

Superior supplement for prevention and correction
of **CALCIUM** and **MAGNESIUM** deficiencies.



Calcium aids in the formation and strength of cell walls and is necessary for the development of plants. It is also required for early root growth and new top growth.

Magnesium forms an essential part of the chlorophyll structure and is responsible for the mobilisation of other plant nutrients.

MANNI-PLEX CAL MAG FEATURES

- Increases tissue calcium and magnesium levels improving disease resistance and drought tolerance.
- Improves cell structure.
- Improves overall quality, weight and texture
- Eliminates hidden calcium and magnesium deficiencies or hunger signs.
- Contains 100% soluble and plant available nutrients utilizing the Manni-Plex delivery system.
- Contains leaf penetrants and translocation aids to enhance root and foliar uptake
- Does not contain chlorides which can cause serious leaf injury.
- Rapidly absorbed.

MANNI-PLEX COMPLEX PRODUCTS

Manni-Plex Cal Mag is based on the world patented Manni-Plex technology. Essential plant micronutrients are complexed in an organic sugar alcohol to create a highly efficient foliar trace element fertilizer. The small molecular size and delivery package containing humectants, spreading and penetrant agents further ensures that the complexed nutrients are phloem and xylem mobile.

CALCIUM and MAGNESIUM MOBILITY in PLANTS

Manni-Plex Cal Mag is specifically designed to provide calcium and magnesium to plants more efficiently than other forms of calcium and magnesium. Manni-Plex sugar alcohol complexes the calcium and magnesium ion enabling it to move into the plant via the phloem, where sugars move more easily towards the growth forming locations. Once **Manni-Plex Cal Mag** reaches the fruit forming tissue the sugar bond breaks down where the calcium and magnesium flows to where it is needed.

PACK SIZE

Available in 20, 200 and 1000 Litres

MANNI-PLEX CAL MAG

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ANALYSIS

7.3 % (w/v) Calcium as Manni-Plex sugar alcohol complex

3.6% (w/v) Magnesium as Manni-Plex sugar alcohol complex

10.1%(w/v) Nitrogen as Nitrate

APPLICATION

For use in a regular nutrient program for all crops requiring Calcium and Magnesium. Use a minimum of 100 litres of water per hectare with ground spray equipment, 30 litres for aerial applications. Optimum rate of application will vary between fields. Multiple applications maybe needed through the season. The Application rate may need to be varied with change of the plant size, canopy or crop load.

MIXING INSTRUCTIONS

1. Put 1/3 of water in tank.
2. Add correct amount of **Manni-Plex Cal Mag**.
3. Continue to fill tank with water and agitate.
4. Add other chemicals, check compatibility with standard jar test.
5. Manni-Plex products are not compatible with phosphate based fertilisers.
6. Agitate adequately to mix.

SUGGESTED FOLIAR APPLICATION RATES (Litres per Hectare)

Almonds	2-4	Lucerne	3-5
Apples	3-4	Macadamias	3-4
Avocados	2-4	Melons	2-3
Bananas	2-4	Olives	2-4
Beans	2-4	Onions	2-5
Blueberries	2-3	Peanuts	3-5
Brassica	2-4	Pears	3-4
Capsicum	2-3	Potatoes	3-5
Carrots	2-3	Pumpkins	2-3
Celery	2-3	Soybean	2-3
Cereals	3-5	Stone Fruit	3-4
Citrus	3-5	Strawberries	2-3
Cotton	3-5	Tomatoes	2-3
Cucumbers	2-3	Tropical Fruit	2-4
Grape Vines	2-4	Vegetables	2-3
Lettuce	2-3	Zucchini	2-3

MANNI-PLEX RANGE and ANALYSIS

Manni-Plex Boron	3.8 % B	As plant available nutrient.
Manni-Plex Calcium	14.7% Ca	As plant available nutrient.
Manni-Plex Cal Mag	7.3% Ca & 3.6% Mg	As plant available nutrient.
Manni-Plex Iron	6% Fe	As plant available nutrient.
Manni-Plex Magnesium	5 % Mg	As plant available nutrient.
Manni-Plex Manganese	6 % Mn	As plant available nutrient.
Manni-Plex Moly	6.2% Mo	As plant available nutrient.
Manni-Plex Potassium	22% K	As plant available nutrient.
Manni-Plex Zinc	8.8 % Zn	As plant available nutrient.

Manni-Plex products are compatible with each other.

CONTACT DETAILS

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