



INNOVATIVE and AUSTRALIAN

MANNI-PLEX POTASSIUM

Superior supplement for the prevention and correction of POTASSIUM deficiencies.



Potassium is an essential requirement during all stages of growth. As this is a highly leachable element, foliar applications are an important supplement to eliminate deficiencies.

MANNI-PLEX POTASSIUM FEATURES

- Rapidly absorbed.
- Contains penetrant and translocation aids.
- Helps recovery from heat stress or water logging.
- Smallest molecule delivering nutrients to plants.
- Contains surfactants and humectants for better contact and adhesion.
- Delivers nutrients directly to phloem and xylem.

MANNI-PLEX COMPLEX

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

POTASSIUM MOBILITY IN PLANTS

The spreading and adhesion characteristics combined with the small molecule size of **Manni-Plex Potassium** ensures rapid and effective uptake of the iron guaranteeing that the plant is well supplied with this nutrient. The **Manni-Plex Potassium** complex allows iron to travel through the phloem and xylem enabling it to be available for plant tissue utilization.

POTASSIUM

Potassium is a highly mobile nutrient. It should be incorporated in any nutritional program, and is ideal for use on all types of crops. In many crops, multiple potassium applications are recommended. Applications are required early in the season for root uptake. Applying an immediately available source of potassium as **Manni-Plex Potassium** will help to maximize flowering. Generally after flowering, foliar applications should occur as root uptake of potassium is limited. Late season applications of **Manni-Plex Potassium** will also help to increase sugar levels in fruits as well as enhancing flavonoid production.

POTASSIUM DEFICIENCIES

- Leaf marginal and leaf tip burn.
- Poor quality fruit and fruit size.
- Late season blotchy chlorosis.
- Poorly developed root system.
- Plant wilt from marginal water stress.
- Poor leaf expansion.
- Low flower production.

PACK SIZE

Available in 20, 200 & 1000 Litres

MANNI-PLEX POTASSIUM



www.barmac.com.au

ANALYSIS

22% (w/v) Potassium as Manni-Plex sugar alcohol complex.

APPLICATION

For use in a regular nutrient program for all crops requiring Potassium. 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 Potassium**.
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

Wayne Muller

Product Manager - Plant Nutrition
Mobile - 0447 552 775
Email - wmuller@barmac.com.au

Customer Service

Ph - (07) 3280 3000
Fax - (07) 3280 3030
Email – sales@barmac.com.au

Sam Scalora

Sales and Marketing - QLD & NSW
Mobile - 0438 702 219
Email - sscalora@barmac.com.au

Nick Bond

Area Sales Manager South
Mobile - 0428 969 003
Email - nbond@barmac.com.au

MANNI-PLEX POTASSIUM



www.barmac.com.au