

# Biomex Plus

## FUNCTION

Biomex Plus is applied as a soil amendment at planting. The beneficial bacteria colonise the area around the roots, growing with them, helping treated plants to overcome stress from biotic and abiotic factors.

Benefits include:

- Improved germination
- Improved root development
- Improved yield
- Earlier harvest
- Improved plant health
- Increased nutrient uptake

## DESCRIPTION

Biomex Plus is a unique patented co-formulation of the naturally occurring soil organism, *Bacillus amyloliquefaciens*, an unmodified rhizobacteria, with phosphite, potassium, copper, zinc and manganese.



## Analysis of Biomex Plus

		Wt/Wt*	Wt/Vol
<b>Total Phosphate</b>	$P_2O_5$	<b>14.5%</b>	19.3%
	<b>Water Soluble</b>	<b>0.00%</b>	0.00%
	<b>Phosphite</b>	<b>14.50%</b>	19.3%
<b>Potassium</b>	$K_2O$	<b>12.8%</b>	17.00%
<b>Copper</b>	Cu	<b>0.3%</b>	0.44%
<b>Zinc</b>	Zn	<b>0.8%</b>	1.1%
<b>Manganese</b>	Mn	<b>0.15%</b>	0.2%
<b><i>Bacillus amyloliquefaciens</i></b>		<b><math>5 \times 10^9</math> cfu/g</b>	
pH (10% solution)		4.5-5.5	
Specific Gravity		1.32-1.36 @ 18°C	

## DIRECTIONS FOR USE

The spray tank should be filled with half of the required amount of water. Measure the required amount of Biomex Plus and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.

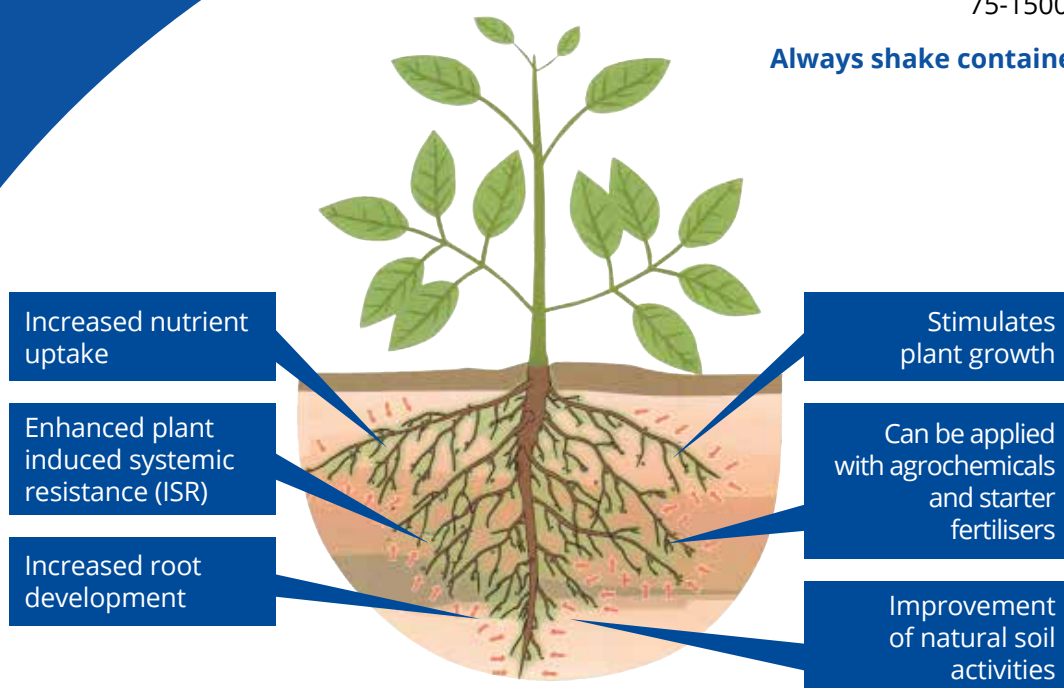


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**DILUTION:** Recommended water rate is 75-1500 Litres per hectare

**Always shake container before opening**



### Recommendations for use:

CROP	TIMING	RATE	COMMENTS
<b>Potatoes</b>	On planter application or with Liquid placement fertiliser	2.5 l/ha	Efficacy will be optimised when soil temperatures exceed 10°C
<b>Other Crops</b>	Apply adjacent to seed at planting	2.5 l/ha	Efficacy will be optimised when soil temperatures exceed 10°C

### APPLICATION

Biomex Plus is a water-based liquid containing living spores, preservatives and nutrients. The formulation is extremely stable in storage and in mixtures. Before use the bottle should be shaken, and the spray solution or mixture should be applied within 8 hours. Application should be made either directly to the seed, or incorporated in the soil immediately surrounding the seed (e.g. via an on-planter applicator, or in mixture with liquid placement fertilisers).

Please contact Omex for further specific guidance on suitable application methods and compatibility.

### TANK MIXING COMPATIBILITY

Biomex Plus is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regard to physical tank mixing and biological effects on the crop. However, Omex cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volumes of water used.

### PRECAUTIONS

Biomex Plus should be stored in frost free conditions with optimum storage range between 5-40°C. Biomex Plus is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate. In situations of prolonged storage there may be slight settling of the nutrient particles. This is reversible on shaking.

**PACKING:** Biomex Plus is available in HDPE drums of 0.25L, 0.5L, 1L, 3L, 5L, 10L capacity. Drums are fitted with tamper evident closures. 200 and 1000 Litre mini bulk available.



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