



# wilchem

## BIOTICS RANGE

# BioTeam



Rhizosphere inoculant with a unique combination of functional groups involved in nitrogen fixation, phosphate and potassium solubilization, growth stimulation and nutrient utilization.

*Active ingredient:* Bacillus subtilis | Azospirillum brasilense | Bacillus megaterium  
| Bacillus mucilaginosus ( - min.  $1 \times 10^9$  CFUs per ml)

### Positioning:

- Free living metabolites for instant uptake and response
- Metabolites responsible for signalling, anti-fungal and anti-bacterial responses
- Growth promotion and plant stimulation
- Complete team with specific focus on nutrition, improve uptake and utilization of N, P and K. Compatible with fungicides and nutrition

### Uses:

- Apply by in-furrow at seeding time to boost beneficial team members in the Rhizosphere in the early stages of plant development, or apply as a seed dressing with Wilchem Recruit WP
- Apply via fertigation on tree crops/vines

### Directions for Use:

- Ensure that Wilchem BiopHilm is applied at a rate of 0.5 % of the carrier liquid if Wilchem Rowloader MacroPrima is used as part of the mix.
- Premix the Bio Team and the BiopHilm with a small amount of non-chlorinated water before adding the mix into the tank
- Mixing order: Always add Wilchem BioTeam to non-chlorinated water
  - In a container add BioTeam to water
  - then add the BiopHilm at 0.5% of the total liquid
  - add to the tank mix
- Apply BioTeam as a seed dressing with Wilchem Recruit, refer to Recruit brochure for detail
- Suitable for use with UAN, trace elements and Wilchem Rowloader Macro Prima at seeding, or
- Mixed with foliar applications prior to flowering or applied with fungicides and insecticides

### Other Details:

- Wilchem BioTeam, when used with Wilchem Recruit, aids in early vigor in plants and Rhizosphere inoculation
- Metabolites are involved in signalling anti-fungal and anti-bacterial responses that stimulate growth in perennial and annual crops
- Improved photosynthesis and root development leads to better disease and stress resistance
- The improved plant performance leads to improved yield and quality and helps aid in water efficiency and nutrient use efficiency throughout the season

### Compatibility with Agricultural Chemicals:

- Compatible with most fungicides, insecticides and liquid nutrition
- Please consult with your adviser before applying in any tank mixes.
- Do not use with chlorinated water or water that has been treated with anti-microbial compounds



Crop	Rate	Timing
Vegetables	50 - 100mL/Ha	Liquid injection at seeding or apply as fertigation through irrigation water
Broadacre	50mL/Ha	Liquid injection with nutrient and fungicide or foliar top-up nutrition with fungicide sprays, or as a seed dressing with Recruit at time of seeding
Trees/Vines	250 - 500mL/Ha	Apply as fertigation through irrigation water 6-8 weeks following bud burst