



BIOLOGICAL PRODUCTS

Fulzyme® Plus

Bacillus subtilis

Fulzyme® Plus is a beneficial biological input, produced by a unique process using a proprietary strain of *Bacillus subtilis* - a Plant Growth Promoting Rhizobacteria (PGPR). Widely studied and rigorously tested, it largely represents a mutually positive plant-microbe interaction that can significantly enhance plant growth.

The Fulzyme® Plus Advantage

- Fulzyme® Plus has been independently trialled, tested and proven by Australia's leading plant pathologists and mycologists to present both direct and indirect modes of action (MOA). It exhibits both symbiotic and synergistic host plant interactions that crowd out pathogens and improves plant growth and yield.
- Fulzyme® Plus is essentially an army of beneficial bacterial soldiers in the billions, fighting to protect and uphold your crop whilst setting down healthy roots.
- Certified Organic.
- Approved for use across the board for various farm classifications: organic, biodynamic, and conventional to improve overall plant and soil health.



CERTIFIED
ORGANIC



LIQUID



ECO-FRIENDLY

Guaranteed Analysis

***B. subtilis* Bacteria**

2 x 10¹⁰ (cfu) / gram

+ Amino Acids

Inert Ingredients: Water

Benefits

- Increases beneficial soil life around rhizosphere
- Incites induced plant resistance response to help crowd out pathogens, reduce susceptibility to disease pressures – fortifying host plants from the ground, up
- Promotes abundant root proliferation resulting from an induced plant growth response
- Unlocks and improves plant-uptake of fixed soil nutrients and improves their solubility and uptake efficiency
- Improves environmental stress tolerance of plants
- Improves overall soil and plant health
- Easy to apply through boom sprays and fertigation systems
- Biologicals have no re-entry limits, no harvest withholding periods and no MRLs
- Organic and safe to use



Available Pack Sizes

1 L LIQUID

Application Guidelines

CROP	GENERAL SOIL APPLICATION RATES		GENERAL FOLIAR APPLICATION RATES	
	TIMING	RATE	TIMING	RATE
FRUITS				
ORCHARDS: Apple, Avocado, Pome, Cherries, Stone Fruit & Citrus	Apply 1 month before flowering Repeat every 3-4 months & in wet conditions	1L/ha	Apply at 80% flowering Repeat in wet conditions or as needed	1L/ha
TROPICAL FRUITS: Banana, Mango, Durian, Jack fruit, Pawpaw, Papaya & Dragon fruit	Apply 1 month before flowering Repeat every 3-4 months	1L/ha	Apply at 80% flowering Repeat in wet conditions or as needed	1L/ha
ALL BERRY CROPS	Apply at/or after planting Repeat every 3-4 months	1L/ha	Apply in wet conditions Repeat as needed	1L/ha
VINEYARDS: Wine and table grapes & Kiwifruit	Apply at budburst Repeat every 2-3 weeks	1L/ha	Apply at 80% flowering Repeat in wet conditions or as needed	1L/ha
VEGETABLES				
TUBER/ROOT/BULB VEGETABLES: Potato, Parsnip, Onion, Garlic, Ginger, Carrots, Beetroot & incl. Peanuts	Apply at/or after planting Repeat every 6 weeks	1-2L/ha	Apply in wet conditions Repeat as needed	1L/ha
FRUITING VEGETABLES: Tomato, Caps, Chilli, Eggplants, Cucurbits & Melons	Apply at/or after planting Repeat every 6 weeks	1-2L/ha	Apply every 3-4 weeks	1L/ha
BRASSICA VEGETABLES	Apply at/or after planting Repeat every 6 weeks	1-2L/ha	Apply in wet conditions Repeat as needed	1L/ha
LEAFY VEGETABLES: (incl. Brassica Leafy Vegetables)	Apply at/or after planting Repeat every 3-4 weeks	1L/ha	Apply in wet conditions Repeat as needed	1L/ha
OTHER				
NUT TREE CROPS: Almonds, Walnuts, Pistachios, Pecan & Macadamia	Apply July-Aug Repeat in March Repeat in wet conditions or as needed	1L/ha	Apply at 80% flowering Repeat in wet conditions or as needed	1L/ha
ORNAMENTALS: Cut flowers & Tulips	Apply at any time Repeat every month	1L/ha	Apply in wet and humid conditions Repeat every 10-15 days	1L/ha
POTTING MIX & SEEDLING TREATMENTS	Apply to potting mix	50-100ml/m ³	Drench all seedlings after emergence	2-3ml/1L of water
GREENHOUSE CROPS	Apply at/or after planting Repeat every month	150ml/400m ²	Apply at first flowering Repeat every 21 days	100ml/100L of water

For more information on application rates and timing relevant to your crop or circumstances please contact your local distributor or visit www.zadco.com.au

Disclaimer: Any rates of application and timing may vary and are subject to change according to crop variety, crop demand for nutrient/s, seasonal variations, and crop circumstance. Technical advice is provided to growers on the basis that the information supplied by the grower or agent is correct and that any technical support obtained from third parties (e.g. soil and leaf analysis results) is also correct at the time of preparation of the report. Zadco does not accept any liability whatsoever and howsoever arising from the use of the technical advice and the products used, should the information supplied to Zadco be incorrect or inaccurate. For warranty details, please refer to JH Biotech's warranty on the product label.

Compatibility

ALWAYS run a compatibility test before spraying Fulzyme® Plus with other chemicals. Fulzyme® Plus is compatible with most fungicides, insecticides, nematicides, herbicides, biological products and hormones. However, it is recommended that it be applied by itself with clean water to ensure fast proliferation and better efficacy. Maintain a window of 7-10 days before or after the applications of Fulzyme® Plus and other pesticides except for Copper or sanitisers which should NEVER be used around biologicals as will render them ineffective.

Fulzyme® Plus is NOT compatible with Copper or Aluminium-containing products. Avoid mixing anti-bacterial products like Copper, Chlorine and sanitisers/sterilant with Fulzyme® Plus because they could render Fulzyme® Plus ineffective. Fumigants could also render Fulzyme® Plus ineffective if applied immediately after it is inoculated into the soil. Leave a standdown period between fumigation and Fulzyme® Plus application of 1 month at least.

Product Handling & Storage

Fulzyme® Plus is stable under normal storage conditions. AVOID overheating or freezing, exposure to moisture, heat, and sunlight. Store in a cool, dry place. Do NOT store where temperature can exceed 30°C. Fulzyme® Plus has a shelf life of 2 years if stored properly. Dispose of product/container in accordance with federal, state, and local regulations.

www.zadco.com.au