

## TECHNICAL DATA SHEET

### Product Overview

Legumate Granules are a high-quality biological inoculant designed to optimise nitrogen fixation in legume crops. Applied directly with seed at sowing, Legumate granules deliver a concentrated population of beneficial rhizobia, ensuring reliable nodulation and improved crop performance.

By enhancing the natural symbiosis between legumes and rhizobia, Legumate Granules help to reduce reliance on synthetic nitrogen fertilisers, support soil health, and contribute to sustainable farming systems.



### Key Benefits

#### Long Life Formulation

High concentration designed for dry sowing conditions.

#### Improved Nitrogen Fixation

Supplies crops with a consistent, available source of biologically fixed nitrogen.

#### Enhanced Root Development

Promotes strong root growth and nodule formation.

#### Convenient Application

Granular formulation flows easily through standard seeding equipment.

#### Soil Health Support

Encourages microbial diversity and reduces the need for chemical inputs.

#### Sustainable Yields

Supports higher productivity while reducing fertiliser costs.

#### Industry Approved Strains

Backed by research and trusted across Australian agriculture.

#### 100% Made in Australia

Locally produced to the highest quality standards.

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### Application Guidelines

#### Placement

Apply granules directly in-furrow with seed at planting.

#### Equipment

Use a separate inoculant box/tank. Do not mix with seed or fertiliser in the same box.

#### Handling

Avoid augers; handle gently to maintain granule integrity.

#### Calibration

Follow seeder calibration guidelines to ensure correct flow.

#### End of Day

Empty seeder boxes to prevent moisture build-up and clumping.

### Application Rates

2.6 - 5.6 kg/ha, depending on row spacings as follows;

Row Spacings Imperial	Row Spacings Metric	Application rate per Ha	Area Treated per 20kg bag
7"	17.8cm	5.6 kg	3.5 Ha
8"	20.3cm	4.9 kg	4.0 Ha
9"	23.0cm	4.4 kg	4.5 Ha
10"	25.4cm	3.9 kg	5.1 Ha
11"	27.9cm	3.6 kg	5.5 Ha
12"	30.5cm	3.3 kg	6.0 Ha
13"	33.0cm	3.0 kg	6.6 Ha
14"	35.6cm	2.8 kg	7.1 Ha
15"	38.0cm	2.6 kg	7.6 Ha

*Legumate Granules are a 1-2mm prilled granule.  
This ensures thorough inoculation of the seeded area.*

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### Compatibility & Shelf Life

- This product carries a 6 month shelf life from the date of manufacture.
- Compatible with most pesticide-treated seed when applied in a separate tank.
- Not suitable for mixing directly with fertilisers due to moisture and particle-size differences.

### Storage & Handling

- Store in a cool, dry location out of direct sunlight.
- Product contains live micro-organisms that can be adversely affected by sudden changes in temperature. Do not freeze.
- Reseal opened bags and use promptly
- Do not leave product in equipment overnight
- Keep out of reach of children.
- Read material safety data sheet before use.

### Pack Size

Available in 20kg bags or 1000kg bulk

### Further Information

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