

# LEGUMATE LIQUID

## TECHNICAL DATA SHEET

- Ready to use liquid. 7.5L per ton of seed
- High concentration formulation
- Early and effective nodulation
- Industry approved strains
- Made in Australia
- Suitable for seed coating and liquid inject systems
- Available in all major strains
- 15L drum or 1000L IBC



*Effective nodulation of faba beans pre-flowering.  
Gerogery NSW, August 2025*

### Directions for use - Seed Treatment

1. Legumate is a ready-to-use product. No mixing required.
2. Apply 7.5L of Legumate per ton of seed as it travels through an auger or add to seed while agitating in a cement mixer or similar.
3. Sow treated seed into a moist soil profile within 24 hours of coating. Not recommended for dry sowing.

### Directions for use - Liquid Injection

1. Visit [www.greatsouthernbiology.com.au](http://www.greatsouthernbiology.com.au) and use the Legumate Liquid Inject calculator to determine Legumate and water application rates.
2. Be careful to ensure water rates are greater than the minimum recommended.
3. Fill liquid inject tank with cool, clean, non-chlorinated water (pH between 6.5-7.5). Incorporate the recommended amount of Legumate while filling.
4. Apply the mixed liquids directly into the furrow while sowing. For best results liquid should be in contact with seed at sowing.

### For Best Results

- Ensure you have selected the correct inoculant group for the seed being treated.
- It is not possible to over-inoculate seed with rhizobium, but it is possible to get seeds too wet to handle.
- Higher rates of use are recommended in the following situations;
  - Where sowing the legume species into a paddock for the first time in at least four years
  - After extended drought conditions
  - Where soil pH is less than 5.5
  - Soils have low organic matter
- Do not mix inoculants with pesticides, fungicides, fertilisers, trace elements or other seed treatments
- Do not store open drums of Legumate
- Do not use out of date Legumate

### Avoid

- Excessive levels of soil nitrates / over application of nitrogen starter fertiliser
- Dry sowing - instead use Legumate granules
- Herbicide, fungicide and pesticide levels (particularly Group B and I)
- Acidic soils below pH 5.5
- Molybdenum deficient soils
- Excessive soil temperatures (above 35C)

### Storage & Handling

Store at ambient temperature out of direct sunlight. Product contains live micro-organisms that can be adversely affected by sudden changes in temperature. Do not freeze. Keep out of reach of children. Read material safety data sheet before use.

### Shelf Life

This product carries a 12 month shelf life from the date of manufacture. Read and follow label instructions and MSDS.

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### Further Information

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