

PRECAUTIONS

- Do not use beyond the expiration date.
- Do not store open pack of inoculant.
- Avoid contact with eyes and/or dust - may cause irritation.
- For further information refer to the safety data sheet (SDS).

WARRANTY

As the manner of use of this product is beyond the company's control, no warranty is given other than those warranties implied by the Competition and Consumer Act 2010. In any event, liability of the company is limited to replacement of this product or the payment of the cost of doing so.

Marketed and Distributed by

New Edge Microbials
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LALLEMAND

About Lallemand Plant Care

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.

 **nem**

BUILT BY LISTENING. BACKED BY SCIENCE.

 **LALLEMAND**

LAL FIX SPHERICAL PEA, LENTIL & BEAN GR



GRANULAR INOCULANTS

Engineered spherical granule carrier that ensures accurate placement, superior rhizobia survival, and ease of application.



Pea, lentil,
& Faba bean



Spherical
Granular



Inoculant



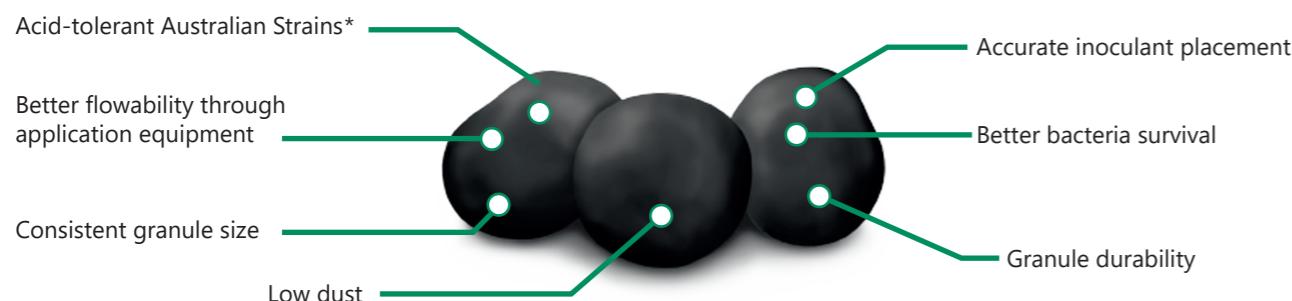
LALFIX® SPHERICAL Pea, Lentil & Bean GR is a dual-strain, acid-tolerant granular inoculant designed for peas, lentils, faba beans, and vetch. **LALFIX® SPHERICAL Pea, Lentil & Bean GR** is an engineered spherical granule carrier that ensures accurate placement, superior rhizobia survival, and ease of application.

The active ingredients in LALFIX® SPHERICAL Pea, Lentil & Bean GR are two Australian isolated and developed acid tolerant strains of *Rhizobium leguminosarum*. These two strains are known to nodulate roots and fix atmospheric nitrogen in a symbiotic relationship with pulses including pea, lentil, vetch and faba bean plants.

KEY FEATURES AND BENEFITS:

LALFIX® SPHERICAL Pea, Lentil & Bean GR offers significant improvements over traditional granular inoculants. It's a technologically advanced spherical granule carrier that ensures accurate inoculant placement while enhancing granule durability and rhizobia survival. The consistent size and shape of this granule improve flowability, reduce dust, and ensure predictable delivery, while high porosity and low bulk density of 0.505 kg/L provide superior furrow coverage. Engineered to maintain physical integrity even under moisture exposure, LALFIX® SPHERICAL Pea, Lentil & Bean GR delivers reliable performance. These attributes support efficient nodulation, early and effective nitrogen fixation, increased biomass, and higher yield potential.

ADVANTAGES



KEY FEATURES:

- Dual-strain formulation: Group E & F acid tolerant *Rhizobium leguminosarum* biovar *viciae* strains perform well in low pH soils.
- High porosity granule enhances microbial life and ensures predictable delivery.
- Low bulk density of 0.505 kg/L for superior soil coverage.
- Consistent size, shape and physical durability reduces dust and improves flowability even under moisture exposure.
- Technologically advanced spherical granule carrier that provides accurate inoculant placement while increasing granule durability and rhizobia survival.

BENEFITS TO GROWERS:

- Brings several enhancements over traditional granular inoculants.
- Efficient nodulation and nitrogen fixation for improved crop establishment.
- Increased biomass and yield potential.
- Residual nitrogen benefits for subsequent crops.
- Cleaner handling with minimal dust.

APPLICATION DIRECTIONS

- Follow equipment manufacturer's calibration methods in field at time of product use. Reference the table below for specific row width and suggested application rates.
- Environmental conditions may affect calibration set points and overall granular flow ability. Check calibration regularly.
- Ensure hopper, metering system and delivery hoses are clean from moisture, fertiliser and pesticide residue before calibration.
- Granules should be applied directly into the seed furrow with the seed.
- Higher rates of inoculant should be used where rhizobia are absent or numbers are too low for adequate nodulation, which is likely where there has been no recent legume history, and when soil or sowing conditions are likely to reduce the survival of rhizobia.

RECOMMENDED APPLICATION RATES

ROW WIDTH (cm)	RATE (kg/ha)	AREA TREATED PER BAG (ha)
15	5.0	39.2
18	4.3	45.5
20	3.7	52.9
23	3.3	59.3
25	3.0	65.3
30	2.5	78.4

USER TIPS

- Fill granular compartment in-field just before use.
- Do not mix granules with seeds, pesticides or fertiliser.
- Remove unused granules from hopper daily.

SPECIFICATIONS & USAGE

Active Ingredients:

Rhizobium leguminosarum WSM4643
(Group E) $\geq 7.5 \times 10^7$ CFU/g

Rhizobium leguminosarum SARDI969
(Group F) $\geq 7.5 \times 10^7$ CFU/g

Total concentration: $\geq 1.5 \times 10^8$ CFU/g

Physical Properties

Carrier: Engineered spherical granule, ultra-low dust, high porosity, low bulk density of 0.505 kg/L

Package Sizes

Totes available for large-scale application, 196 kg net weight

STORAGE & HANDLING

The active ingredients in LALFIX® SPHERICAL Pea, Lentil & Bean GR are living microorganisms that require specific storage conditions to ensure viability and product performance.

- Store in a cool, dry location in the original, unopened packaging. Store bags off the floor (use a pallet or shelving) and avoid prolonged direct contact with cold damp surfaces.
- Use before expiration date stated on the bag. The expiration date is valid only for unopened bags stored under cool, dry conditions.
- Open bag only when ready to use. Once open, use the entire package. Unused product should be disposed of.
- Net contents may vary due to changes in moisture content during storage.

For further information regarding application rates and timings please refer to the New Edge Microbials website www.nem.com.au or contact the New Edge Microbials customer service team on +61 2 6025 0044.

*LALFIX® SPHERICAL LENTIL, PEA & BEAN GR is a high quality, dual-strain in-furrow spherical inoculant with 7.5×10^7 CFU per gram of *R. leguminosarum* biovar *viciae* WSM4643 and 7.5×10^7 *R. leguminosarum* biovar *viciae* SARDI969