



PEA, LENTIL,
& FABO BEAN



LIQUID



INOCULANT



DUAL-STRAIN LIQUID INOCULANT FOR PEA, LENTIL, AND FABO BEAN

LALFIX® LIQUID Pea & Lentil contains two strains of *Rhizobium leguminosarum* biovar *viciae* selected for enhanced performance and competitiveness in pea, lentil, and faba bean production. These two strains are known to nodulate pea, lentil, and faba bean roots and fix atmospheric nitrogen in a symbiotic relationship with the plant.

ADVANTAGES

- LALFIX LIQUID Pea & Lentil can be applied on-seed or in-furrow.
- LALFIX LIQUID Pea & Lentil in-furrow delivers a large quantity of Rhizobium directly to the soil.
- Apply LALFIX LIQUID Pea & Lentil inoculant in-furrow with a minimum of 10 US gallons of clean, non-chlorinated water per acre and calibrate delivery mechanism accordingly.
- Lallemand Plant Care recommends using an on-seed inoculant along with an in-furrow application of LALFIX® START SPHERICAL Pulses to increase the rhizobia available to the crop.
- Application rate of LALFIX LIQUID Pea & Lentil in-furrow should be increased if this is the sole form of inoculant.

CHARACTERISTICS

Active Ingredient

8 x 10⁸ *Rhizobium leguminosarum* biovar *viciae* CFU/ml

Package Size

3.25 gallon bladder (416 oz)

Always read and follow label instructions.

APPLICATION RATE

ON-SEED

- 2.5 fl oz per bushel, 4.0 fl oz per 100 lbs
- 1 case treats 10,000 lbs of seed

IN-FURROW

- 15.5 fl oz (443ml) per acre
- 1 case treats 28 acres
- Apply with minimum 10 gallons water

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.

SEED TREATMENT COMPATIBILITY GUIDE¹

SEED TREATMENT ²	COMPANY	LALFIX [®] SPHERICAL Granular brands	LALFIX [®] PEAT PEA & LENTIL	LALFIX [®] LIQUID PEA & LENTIL ⁴
Untreated Seed	N/A	Compatible	2 days	15 days
Cruiser Maxx [®] Vibrance [®] Pulses	Syngenta	Compatible	2 days	10 days
Vibrance [®] Maxx RFC Pulses	Syngenta	Compatible	2 days	10 days
Vibrance [®] Maxx RFC with Intego [™]	Syngenta	Compatible	2 days	10 days
Vibrance [®] Total	Syngenta	Compatible	2 days	10 days
Trilex [®] Evergol [®]	Bayer	Compatible	2 days	10 days
Trilex [®] Evergol [®] Shield	Bayer	Compatible	2 days	Not recommended ³
Evergol [®] Energy	Bayer	Compatible	2 days	10 days
Intego [™] Solo	Nufarm	Compatible	2 days	Not recommended ³
Zeltera Pulse	Nufarm	Compatible	2 days	Not recommended
Insure [®] Pulse	BASF	Compatible	2 days	Not recommended
Rancona [®] Trio	UPL AgroSolutions Canada	Compatible	2 days	Not recommended
Vitaflo [®] 280	UPL AgroSolutions Canada	Compatible	2 days	Not recommended

¹ Seeds were treated with chemical products at rates according to the manufacturer's recommendation and were stored at 4°C.

² All seed treatment compatibility testing was completed in a laboratory setting

³ The combination with Trilex Evergol + Shield and Intego Solo are not recommended with LALFIX LIQUID P&L using a wet sequential but a dry sequential allows a 2 days compatibility

⁴ All seed treatment compatibility testing for liquid inoculants was made using wet-sequential applications with seeds stored at 4°C prior to analyses in a laboratory setting

BEST MANAGEMENT PRACTICES FOR OPTIMAL ON-SEED STABILITY (OSS)

The **OSS period** considered is from inoculation date until the date of analysis in which the count of bacteria (in CFU/seed) is equal or greater than the industry standard.

Handling Recommendations for Treated Seed:

- The ideal storage temperature for pre-inoculated seed is between **0°C (32°F) and 8°C (46°F)**
- Treated seeds should **be planted as soon as possible after treatment**, but in no case later than the number of days indicated on the Seed Treatment Compatibility Chart, or re-inoculation is required.
- Seed Treatment Compatibility Charts for liquid inoculant are based on **wet-sequential applications only**.
- All seed treatment compatibility testing has been completed in a **laboratory setting**. Performance results in the field may vary **depending on environmental and field conditions**.