



PEA, LENTIL,
& FABA BEAN



SPHERICAL
GRANULAR



INOCULANT



CHARACTERISTICS

Active Ingredient

1×10^9 *Rhizobium leguminosarum* biovar *viciae* CFU/g
 5×10^7 *Bacillus velezensis* CFU/g

Bulk Density

31.5 lbs per cu. ft., 0.505 kg/L

Package Size

12.2 kg (27 lbs) per bag
391.9 kg (864 lbs) per tote

In-Furrow Application Rate

10-inch row spacing, apply
2.7 pounds per acre with
one bag treating 10 acres

Always read and follow label instructions

MULTI-ACTION PREMIUM PEA & LENTIL GRANULAR INOCULANT

With its high-porosity structure maintaining the growth environment to protect and preserve the two unique strains of rhizobia, **LALFIX® START SPHERICAL Pea & Lentil** offers unmatched **performance, durability** and **ease-of-use**.

Our proprietary, dual-action phosphorus solubilizer, *Bacillus velezensis*, contained within each granule, quickly colonizes the root system allowing for newly available phosphorus to be efficiently taken up by the plant. In fact, the biological contained within **LALFIX® START SPHERICAL Pea & Lentil** is the benchmark for increased phosphorus availability at all soil pH levels.

Once applied to the soil, the highly efficient bacteria will colonize the root promoting early nodulation and N fixation for better crop establishment and enhanced yields.



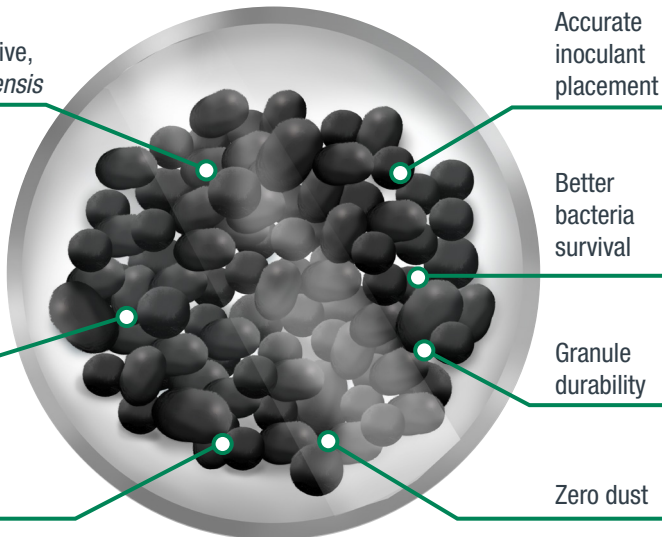
ADVANTAGES

New for 2023

Addition of active, *Bacillus velezensis*

Better flowability through application equipment

Consistent granule size



Accurate inoculant placement

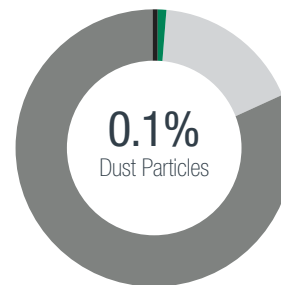
Better bacteria survival

Granule durability

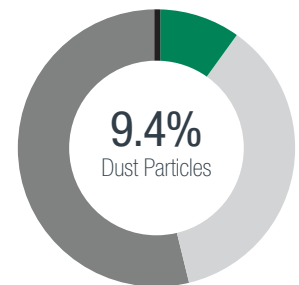
Zero dust

SPHERICAL GRANULE: CONSISTENT SIZE & LOW DUST

AGVISE LABORATORIES



LALFIX® Granular Technology



Traditional Peat Granules

● <0.5 mm ● 0.5-1.0 mm ● 1.0-2.0 mm ● >2.0 mm

Microbial By Nature

www.lallemandplantcare.com



LALLEMAND PLANT CARE



PEA, LENTIL,
& FABIA BEAN



SPHERICAL
GRANULAR

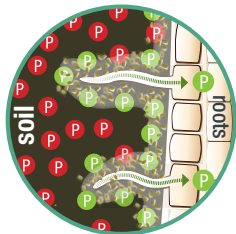


INOCULANT

MODES OF ACTION

Bacillus velezensis
Phosphorus Solubilization

PHYTASE ACTION ON
ORGANIC PHOSPHORUS



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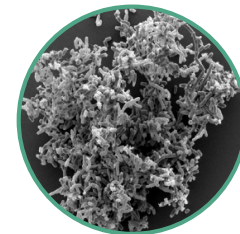
ORGANIC ACIDS ACTION ON
MINERAL PHOSPHORUS



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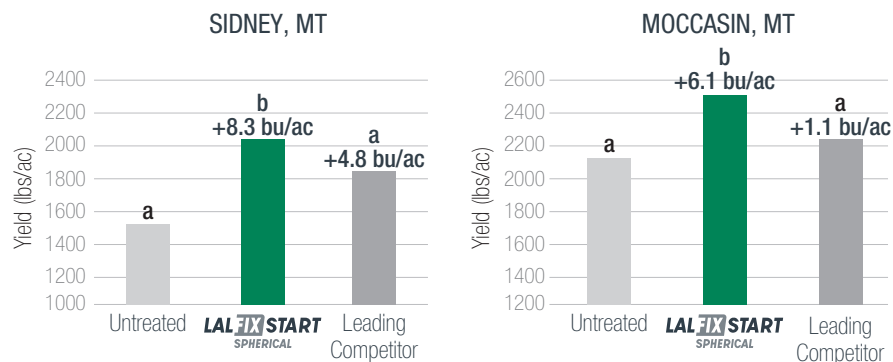
INCREASED
PHOSPHORUS AVAILABLE
IN THE RHIZOSPHERE



TRIAL RESULTS

LALFIX® START SPHERICAL GRANULE

- Conducted through Montana State University
- Conducted by Dr. Chengci Chen (Sidney) and Dr. Jed Eberly (Moccasin)
- Bushel advantage over untreated listed above bars



4x Replications. Treatments with the same letters are not significantly different at $p < 0.1$. soil pH = 7.3 (Sidney), 7.6 (Moccasin)

APPLICATION TIPS

- Follow equipment manufacturer's calibration methods.
- Calibrate in field at time of product use.
- Environmental conditions may affect calibration set points and overall granular flowability. Check calibration regularly.
- Ensure hopper tank, metering system and delivery hoses are clean from moisture, fertilizer, and pesticide residue before calibration.
- Granules should be applied directly into the seed trench furrow with the seed.
- Application rates greater than recommended are not detrimental and increased application rates may be beneficial.

Reference chart below for specific row width and suggested application rates:

ROW WIDTH		RECOMMENDED RATE			AREA TREATED - ACRES	
in	cm	lbs/ac	kg/ac	kg/ha	BAG	TOTE
6	15	4.4	2	5	6.1	196
7	18	3.8	1.7	4.3	7.1	227
8	20	3.3	1.5	3.7	8.2	262
9	23	3.0	1.4	3.3	9.0	288
10	25	2.7	1.2	3.0	10.0	320
12	30	2.2	1.0	2.5	12.3	393

COMPATIBILITY

LALFIX® START SPHERICAL Pea & Lentil is compatible with seed-applied treatments and other in-furrow applications. If you have a compatibility question, contact your Lallemand Plant Care representative for more information.

About Lallemand Plant Care

Since the beginning of the 20th Century, LALLEMAND has been an expert in yeast and bacteria manufacturing. The family-owned company is now a global leader in the development, production, and marketing of microorganisms for various agri-food industries. Using sound science and know-how, LALLEMAND PLANT CARE (LPC) works closely with clients to deliver the right technology, in the right formulation, for the right application. LPC is committed to solving grower challenges, significantly improving yield and crop vitality.

Microbial By Nature

www.lallemandplantcare.com



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