

Biological inoculant /  
Inoculant biologique

# Launcher

## Granular Peas and Lentils

Registration number 2020126A Fertilizers Act /  
Numéro d'enregistrement 2020126A Loi des Fertilisants

Granular inoculant containing *Rhizobium leguminosarum biovar viciae*  
to improve nodulation and biological nitrogen fixation of pea and lentil. /  
Inoculant granuleux qui contient *Rhizobium leguminosarum biovar viciae*  
pour améliorer la nodulation et la fixation biologique de l'azote des petits  
pois et lentilles.

Net weight:

**520 pounds Totes (235.87 Kg)**

Poids net:

**caisses de 520 livres (235.87 Kg)**

Batch No: (to be stated in the packaging)  
Expiry Date: (to be stated in the packaging)

Lot Número: (à déclarer sur l'emballage)  
Date de péremption: (à déclarer sur l'emballage)

# RIZOBACTER

Developed and Manufactured by/ Conçu et fabriqué par :  
RIZOBACTER ARGENTINA S.A.  
1150 Dr. Arturo Frondizi Avenue - Industrial Park/Parc Industriel -  
Zip Code B2702AME - Pergamino - Buenos Aires - Argentina  
Phone/Tel: +54 2477 - 409400 - www.rizobacter.com

### GUARANTEED ANALYSIS

Launcher granular Peas and Lentils contains a minimum of  $1 \times 10^8$  viable cells/g of *Rhizobium leguminosarum biovar viciae*.

### GENERALITIES

Launcher granular Peas and Lentils is a granular peat inoculant for pea (*Pisum sativum*) and lentil (*Lens culinaris*) crops. It is formulated with specially selected strains of *Rhizobium leguminosarum biovar viciae* which can provide effective nodulation to enhance nitrogen-fixation.

Launcher granular Peas and Lentils colonizes the plant roots forming nodules that convert or fix nitrogen from the atmosphere into forms the plant can use.

Launcher granular Peas and Lentils is highly compatible with seed treatment since it is designed to be applied jointly to the soil with the seed in the furrow, not together with the chemical products.

### WARNING

- Concentrations of combustible dust may be produced in air.
- KEEP OUT OF REACH OF CHILDREN.
- READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL DIRECTIONS.

### DIRECTIONS FOR USE

Launcher granular Peas and Lentils should be applied with the seed in-furrow at sowing time using a granule applicator. According to the row spacing, application rates will vary as shown in the table below:

Row Spacing (cm)	Row Spacing (in)	Application Rate kg/ha	Application Rate lb/ac
15,2	6	8,8	7,7
17,7	7	7,5	6,6
20,3	8	6,6	5,8
22,9	9	5,8	5,1
25,4	10	5,2	4,6
30,5	12	4,4	3,8
38,1	15	3,5	3,1
61	24	2,2	1,9
76,2	30	1,7	1,5

Do not mix Launcher granular Peas and Lentils in the same tank with fertilizers, granular pesticides, or seed. The product may be applied with pesticide treated seed.

Calibrate the planter machine to deliver the correct amount of Launcher granular Peas and Lentils. Use 50Kg of the product before adding more inoculants to the tank.

Clean the tank/hopper, rotor, and calibration

mechanisms thoroughly before filling. Place the granular inoculant directly below the seed in furrow.

### FURTHER RECOMMENDATIONS

- All the process must be carried out in a shady place, away from direct sunlight.
- Dermal or eye contact, inhalation or ingestion must be avoided. Wear regular working clothing and equipment. In case of excessive contact, it is advisable to take off the clothing or the equipment used and wash the parts exposed to the product with abundant water and soap. In case of ingestion, rinse mouth. Do not induce vomiting unless told to by a poison center or doctor. In case of excessive inhalation, take the patient to the outside. Get medical attention if irritation develops.
- If sowing is done right after seed treatment, it is recommendable to aerate the treated seeds for at least 30 minutes before loading the planter.

### STORAGE AND DISPOSAL

*Rhizobium leguminosarum biovar viciae* is a living organism and requires specific storage conditions to ensure viability. To guarantee the product performance:

- Store between 2°C and 25°C, in a dark and dry place, away from pesticides.
- Store the product in a cool, dry place and keep it closed.
- Keep the integrity of the original package in all cases.
- Do not expose to sunlight, rain or other meteorological agent that could alter the original characteristics of the product.
- Do not allow the product to get wet or dry out. The granules will tend to compact in humid weather due to moisture absorption.
- Do not transport and/or store together with products that could emanate toxic fumes.
- Once opened, use the product within 24 hours.
- Use before the expiration date.

### LIMITED WARRANTY

After delivery from its manufacturing plant, Rizobacter Argentina S.A. is not responsible for the wrong use of the product. Rizobacter Argentina S.A. warrants that this product contains a minimum number of viable cells as specified on this label. Buyers must follow the recommendations on this label, assuming the risks which may arise from its use or handling and accept the product on that condition.