



RIZOLIQ[®]

LUPINS & SERRADELLA

Reg. No. L 9406 Act No. 36 of 1947 / Reg. Nr. L 9406 Wet Nr. 36 van 1947

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

BACTERIAL LEGUME INOCULANT FOR EFFECTIVE NITROGEN FIXATION ON SPECIES OF LUPIN AND SERRADELLA SUCH AS: **LUPINS:** *LUPINUS ALBUS* (WHITE LUPIN), *L. ANGUSTIFOLIUS* (NARROW LEAFED LUPIN), *L. PERENNIS* (PERENNIAL LUPIN), *L. LUTEUS* (YELLOW LUPIN). **SERRADELLA:** *ORNITHOPUS SATIVUS* (BLUE LEAF SERRADELLA), *O. COMPRESSUS* (YELLOW LEAF SERRADELLA).

BAKTERIESE PEULGEWAS INOKULANT VIR EFFEKTIEWE STIKSTOFFIKSASIE OP LUPINE EN SERRADELLA SOOS: **LUPINE:** *LUPINUS ALBUS* (WIT LUPINE), *L. ANGUSTIFOLIUS* (SMALBLAAR LUPINE), *L. PERENNIS* (EENJARIGE LUPINE), *L. LUTEUS* (GEELLUPINE).

SERRADELLA: *ORNITHOPUS SATIVUS* (BLOUBLAAR SERRADELLA), *O. COMPRESSUS* (GEELBLAAR SERRADELLA).

NOT CLASSIFIED AS HAZARDOUS IN TERMS OF GHS.

Active Ingredient / Aktiewe Bestanddeel:

Live legume bacteria for lupins and serradella (*Bradyrhizobium* sp. (Lupinus))

Minimum 2×10^9 cfu/ml



Net Content:
200 ml

Treats up to
50 kg of seed

Registration Holder / Registrasiehouer: N Laboratories (PTY) LTD • Reg No.: 2015/165672/07
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IN CASE OF POISONING, CALL THE FOLLOWING EMERGENCY NUMBER / IN GEVAL VAN VERGIFTIGTING,
SKAKEL DIE VOLGENDE NOODNUMMER 082 446 8946 / 0861 555777

Rizo-Liq®, Bio-Shield® and N-Factor® are registered trademarks of N Laboratories (PTY) LTD. Osmo Protection™ is a trademark of N Laboratories (PTY) LTD.
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ZAR 001

WARNINGS:

- GHS Hazard Statement:

Pictogram and Signal word	Hazard Statement
Not Classified as Hazardous	Not Classified as Hazardous

ZAR 001**N-Factor 2®**

Rizo-Liq® Lupins & Serradella is exempted from residue restrictions and may be used on its own on any crop.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label, as well as by the method, time and accuracy of application. Furthermore, the registration holder, does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal, or for lack of performance of the remedy concerned, due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- GHS Precautionary Statements:

P102	Keep out of reach of children.
P262	Do not get in eyes, on skin, or on clothing.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P305 P351 P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403	Store in a well-ventilated place.
P410	Protect from sunlight.
P411	Store at temperatures not exceeding 25°C.

DIRECTIONS FOR USE:

- SHAKE BEFORE USING.
- Use only as indicated on this label.
- Do not use for any other legume except as indicated.
- Use immediately once the sachet/bladder has been opened.

200 ml should be sufficient for the inoculation of 50 kg of Lupins and 12.5 kg of Serradella seed. Use double the recommended dosage under poor planting conditions.

IMPORTANT: AN EXCESSIVE DOSAGE IS NOT HARMFUL.

Application method	Dosage	Remarks
Seed treatment:	400 ml/100 kg Lupins and 1600 ml/100 kg Serradella seed	Apply to the seed and mix thoroughly until it is evenly coated.
Infurrow:	400 ml/ha	Mix with water and apply infurrow directly on the seed.

Bio-Shield® XT: We recommend the use of Bio-Shield® XT with the Rizo-Liq® Lupins & Serradella Inoculant which will help to increase bacterial survival on the seed or in the soil under most stress conditions. Premix the Bio-Shield® XT and the Rizo-Liq® Lupins & Serradella Inoculant and then add to the seed and mix thoroughly until it is evenly coated. Plant treated seed as soon as manageable.

Note: The seed quality, size, moisture content and germination percentage prior to treatment will affect the seed treatment load quantity and consistency of the seed after treatment. Please ensure that seed quality has been tested prior to treatment. This product was tested on registered and certified seed; and recommendations are made accordingly to ensure quality in seed treatment performances and planting practices.

High humidity may result in seed becoming sticky after treatment. If this occurs, or if the time between mixing and planting needs to be shortened, follow planter recommendations for the use of talc and graphite to dry seed out. If the application of talc/graphites is not mentioned in planter recommendations, add as required or until seed is sufficiently dry.