

OPTYZ



BioFertiliser technologies

**Bacteria-based solution, selection of:
Bacteria consortium 10⁷ CFU / mL minimum**

Specifications

PACK SIZE

1 L - 5 L

FORMULATION

Pure Bacteria solution

FORM

Liquid

APPLICATION

Seed treatment
(Bacteria)

STORAGE CONDITIONS

Keep in original container out of direct sunlight, tightly closed, in a safe place away from children, animals and foodstuffs at a temperature of between and including 4°C and 25°C. Store away from frost. Do not expose to frost and temperatures > 35 ° C.

Agronomic interests

ROLE OF MICRO-ORGANISM(S)

Bacillus mucilaginosus I-4361
/ Solubilisation of potassium
/ Solubilisation of phosphorus
/ Production of phytohormones
/ Stimulation of seed germination

Ochrobacterium sp. I-4362

/ Nitrogen fixation
/ Root endophyte
/ Improvement of protein quality
/ Increase of crop yield

PRODUCT SPECIFICATIONS

Use the resources of nature to feed crops and increase the natural phosphorus supply.

OPTYZ :

/ Improves germination faculty
/ Strengthens roots and accelerates emergence
/ Optimises the plant's assimilation of the soil's phosphorus
/ Facilitates fixation of atmospheric nitrogen for the plant
/ Optimises the plant's potassium assimilation
/ Optimises the assimilation of Iron and other microelements such as B and Mg
/ Increases yield

FEATURES AND BENEFITS OF THE FORMULATION

Pure Bacteria solution

Agro nutrition has worked for over 10 years on the soil and its natural capacities. We have a strain bank of nearly 350 strains of bacteria identified for their unique properties.

Agro nutrition has acquired the expertise to isolate and multiply the species with interesting agronomic properties of several actions
Its specialized laboratory has unique human and technological skills in France.

Directions of use

CROP RECOMMENDATIONS

Recommendations for use:

Apply to the seed

The product can be applied **3 months maximum before sowing**.
If mixed with PPP, apply the mixture to the seeds within 2 weeks before sowing.

/ **WHEAT / BARLEY / OAT / RICE:** 2 L/Tonne

/ **MAIZE, CORN, SUNFLOWER:** 2 L/Tonne

/ **RAPESEED:** 10 L/Tonne

/ **POTATO/SOYBEAN:** 2 L/Tonne

/ **OTHER CROPS:** dose is to be adapted to the thousand kernel weight (TKW)

/ **SMALL SEEDS:** 10 L/Tonne – big seeds: 2 L/Tonne

INSTRUCTIONS FOR USE

Shake before use

For better efficiency: use the product alone in a clean spray.

Precautions

Can be mixed with most fertilizers and fungicide solutions, only after dilution in the final mixture. When mixed with other products, always perform a compatibility test before. Add OPTYZ in last.
Do not use chlorinated water or bleach that could destroy bacteria and make the product ineffective. Avoid mixtures with herbicides. Clean the sprayer before use to avoid any rest of active ingredient before use.

IMPORTANT : Respect the uses, doses, conditions and instructions for use mentioned on the packaging, which are determined according to the characteristics of the product and the applications for which it is recommended. On this basis, conduct the crop and treatments according to the best agricultural practices taking into account, under your responsibility, all the specific factors concerning your farm, such as soil characteristics, weather conditions, cropping methods, cultivars and their specific resistances. AGRONUTRITION guarantees the quality its products only in their initial packaging over the period indicated on the manufacturer's certificates. They guarantee their conformity to the composition indicated on the packaging and to the regulations currently in force. Precautionary measure brochures are available on request. **To request a MSDS, thank you to contact : fds-msds@agro-nutrition.fr**