



RhizoPulse

Soybean Inoculant

BY

AGRIBAC



Better Roots



Better Nodulation



Higher Yield



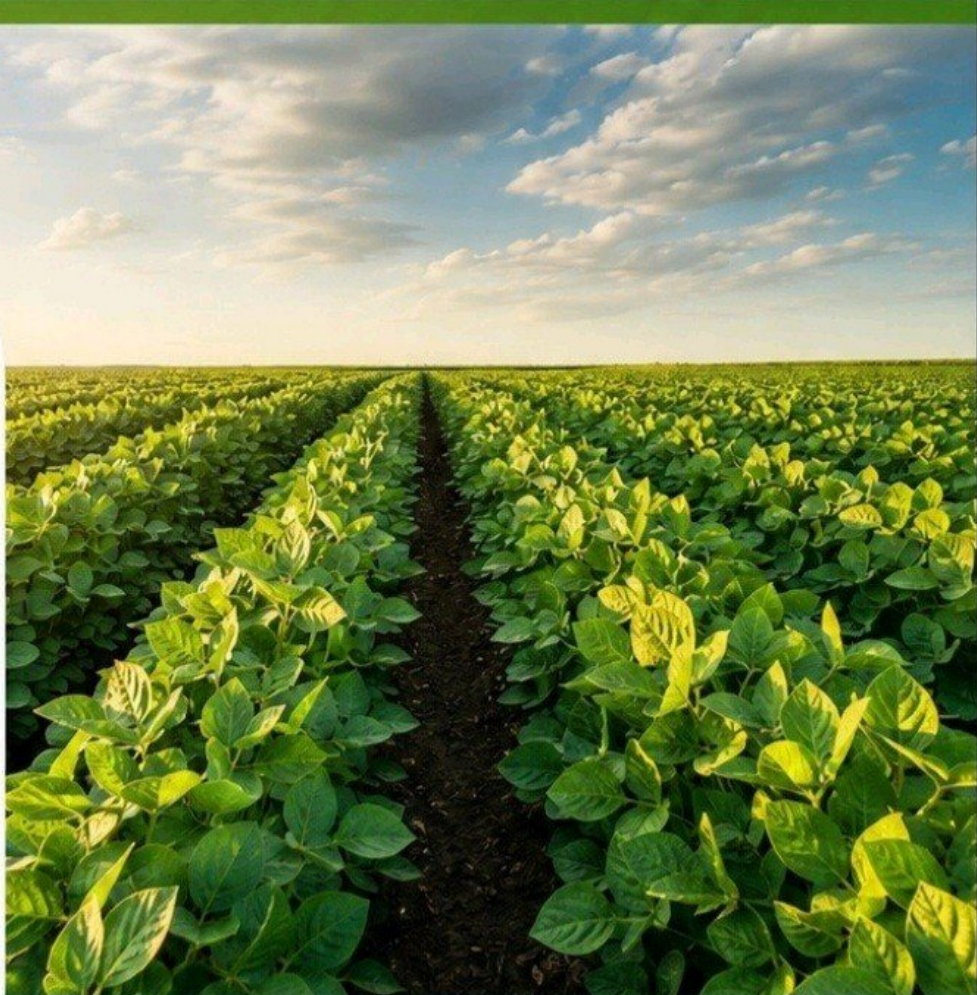
Stronger Plants



RhizoPulse

Soybean Inoculant

By
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**Live
Bacterial
Inoculant**

**AgriBac 2026
RhizoPulse
Soybean Inoculant Package**

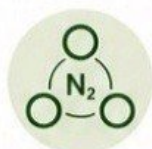
By **AGRIBAC**



LIVE BACTERIAL INOCULANT + DP 500 PROTECTANT



Improved
Root Development



Enhanced
Nitrogen Fixation



Greater Yield
and Vigour



Stress Tolerance
and Uniform Nodulation

RhizoPulse



ABOUT RHIZOPULSE



RhizoPulse is a live *Bradyrhizobium*-based inoculant developed to maximise nodulation and nitrogen fixation in soybean crops.



Each package includes **2 litres** of **RhizoPulse** liquid inoculant, **1L** of **TrichoSol** and **500 g** of **DP 500** protectant powder, formulated to treat **1 ton** of soybean seed.



The RhizoPulse system introduces elite bacterial and fungal strains directly to the seed surface, ensuring **rapid root colonisation** and formation of **active nodules** that convert atmospheric nitrogen into **plant-available forms**.



MAXIMISE NODULATION

More nodules, more nitrogen.



IMPROVE PLANT PERFORMANCE

Stronger plants, higher yields.



INCREASE EFFICIENCY

Better nitrogen efficiency.



SUSTAINABLE SOLUTION

Natural biology for long-term soil health.



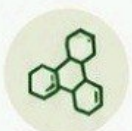
DP 500 PROTECTANT

ADVANCED CARRIER TECHNOLOGY

KEY INGREDIENTS



Trehalose
Desiccation protection



Polysaccharides
Cell membrane protection



Humic Acid
Root stimulation



Boron
Nodulation support



Molybdenum
Nitrogenase activity



Iron
Nitrogen fixation



Talc
Seed flowability



Silica
Uniform coating

MODE OF ACTION



PROTECTS BENEFICIAL BACTERIA

Trehalose and polysaccharides reduce dehydration stress.



STIMULATES EARLY ROOT GROWTH

Humic acid promotes vigorous seedling development.



ENHANCES NITROGEN FIXATION

Boron, molybdenum and iron support active nodulation and nitrogenase activity.



IMPROVES PLANTER PERFORMANCE

Talc and silica improve flowability and coating uniformity.



MAXIMISES INOCULANT SURVIVAL

Amino acids act as osmoprotectants supporting bacterial recovery on seed.



RESULT

- ✓ Higher bacterial survival
- ✓ Improved nodulation
- ✓ Better root development
- ✓ More consistent establishment





TrichoSol



TrichoSol is a fungal consortium of **T. harzianum** and **T. asperellum**. These beneficial Trichoderma species complement the rhizobial inoculant.



It colonises the rhizosphere and root surface, **outcompeting harmful pathogens** while stimulating **root branching** and **nutrient uptake**.



Through enzyme and hormone production, Trichoderma **enhances plant resilience** to stress and improves **nitrogen and phosphorus efficiency**.



When used with **RhizoPulse**, it promotes **stronger early root growth**, **healthier nodulation**, and **improved overall plant vigour** — creating a synergistic biological foundation for yield and soil health.

KEY BENEFITS



SUPPRESSES PATHOGENS

Outcompetes harmful soil-borne pathogens.



STIMULATES ROOT GROWTH

Enhances root branching and root surface area.



IMPROVES NUTRIENT EFFICIENCY

Enhances nitrogen and phosphorus uptake.



BUILDS PLANT RESILIENCE

Increases tolerance to stress conditions.



BOOSTS YIELD POTENTIAL

Healthier plants lead to better yield outcomes.



STRONGER TOGETHER

TrichoSol + RhizoPulse

- ✓ Stronger early root growth
- ✓ Healthier nodulation
- ✓ Improved plant vigour
- ✓ Higher yield & better soil health





DIRECTIONS FOR USE

Preparation &
Application



RhizoPulse Mixing Instructions

- 1 Add 2 L RhizoPulse + 1 L TrichoSol to a clean mixing container.
- 2 Add 1 L clean, chlorine-free water.
Mix thoroughly.
- 3 Apply the 4 L mixture per ton of seed while continuously mixing the seed.
- 4 Add DP500 at 500 g per ton immediately after application and continue mixing until all seed is evenly coated.
- 5 Allow seed to dry in the shade before bagging or planting.



RhizoPulse package :

2L RhizoPulse
500g DP 500
1L TrichoSol
per 1 ton of soybean seed.



DOSAGE

per 1 ton of
soybean seed.

BENEFICIAL MICROBE COUNTS

Cfu/seed
 $\approx 4 \times 10^7$
per seed

Cfu/ha
 $\approx 5 \times 10^{11}$
per ha

* Based on recommended seed treatment dosage.



Plant within **48–72** hours of treatment for best results.



Add 2 L RhizoPulse +
1 L TrichoSol to a
clean mixing
container.



Add 1 L clean,
chlorine-free
water.
Mix thoroughly.



Apply the 4 L
mixture per ton of
seed while
continuously
mixing the seed.



Add DP500 at 500 g per ton
immediately after application and
continue mixing until all seed
is evenly coated.



Allow seed to dry
in the shade before
bagging or
planting.



STORAGE

- ✓ Store in a cool, dry place (5–25 °C).
- ✓ Avoid direct sunlight and freezing.
- ✓ Keep sealed until use.

LET'S GROW BETTER TOGETHER

For stronger roots, healthier crops
and higher yields — choose
RhizoPulse.



RhizoPulse

— SOYBEAN INOCULANT —



Better Roots
Stronger start



Higher Yield
Greater potential



Protection
Built-in resilience



Sustainable
Better for soil

CONTACT US



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