

**BRAND NAME**

FullBacter Soybean Inoculant
+ Fulldoble + Metalaxyl

CATEGORY

Inoculant

FAMILY

Biofertilizer

CONCENTRATION

Higher than 1×10^{10} at production date.

Higher than 1×10^9 at expiration date.

PRESENTATION

Box containing one 2L bladder of inoculant, one 1L bladder of fungicide, and one 250cc container of metalaxyl for the treatment of 1000 kg of seeds.

DOSAGE

100 cc of inoculant per 50 kg of seeds.

50 cc of fungicide per 50 kg of seeds.

12.5 cc of Metalaxyl per 50 kg of seeds.



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INOCULANT

Combo Fullbacter Soybean + Metalaxyl

This product combines a high-quality liquid inoculant with a fungicide for the treatment of seeds, and METALAXYL. It is formulated in an aqueous base with polymers (allowing a better distribution over seeds), being highly compatible with inoculant bacteria.

DESCRIPTION

Fullbacter Soybean

This is an aqueous-based liquid inoculant, formulated with specific nitrogen fixing bacteria: *Bradyrhizobium japonicum*, in over 1 billion/ml of inoculant. Produced in a well-equipped lab using cutting-edge technology, Fullbacter is a highly concentrated stable and pure inoculant, without pollutants and with good field performance.

Under appropriate environmental conditions, this concentration ensures a sufficient number of bacteria per soybean seed at inoculation, which means a good nodulation in primary and secondary roots and, therefore, an excellent fixation of nitrogen. It contains additives for cell viability extension inside the packaging, and for the protection of bacteria during the critical period between inoculation and sowing.

FULLBACTER SOYBEAN is state-of-the-art: it is a completely aqueous inoculant, unique in the market due to its high concentration, with built-in bacterial protectors providing resistance to high temperature and desiccation. This inoculant can be directly applied with the seeds to the soil at sowing.

These are the benefits of using Fullbacter Soybean:

- Higher concentration of bacteria and stability.
- Higher bacterial survival on the seed.
- Higher fixation.
- Beneficial to germination.
- Stimulates plant growth.
- Higher adaptability under adverse environmental conditions.
- Increases plant defenses.
- Increases crop yields.

Fulldoble

Fulldoble is a highly concentrated formula of excellent quality, which provides a protection against fungal infection at a critical stage like crop implantation. Its high performance ensures a better expression of the germination potential of seeds. It combines the contact action of Thiram with the systemic action of Carbendazim, thus controlling fungal diseases that attack seeds at sowing and after germination (seedling).

Active Ingredients

THIRAM (30%): Contact action fungicide. It is a dithiocarbamate compound that acts on breathing, preventing the normal oxygen uptake in pathogenic fungi. CARBENDAZIM (30%): Systemic action fungicide. It is a Benzimidazole compound that acts blocking cell division in pathogenic fungi.

Controlled pathogen

Efficient control over the fungi complex that causes stem canker (*Diaporthe phaseolorum var meridionalis*), damping off and soil-borne fungi (*fusarium sp*, *Rhizoctonia sp*, *Pythium sp*, *Mucor sp*, *Diplodia sp*).

Metalaxil

It inhibits mycelium growth and spore formation. This active ingredient creates a protective environment around the seed. When germination starts it penetrates the seed and spreads. This is a continuous process; for this reason, the seed is protected. METALAXYL is highly efficient against soil fungi of the class of Oosmicete, such as *Phytophthora spp*, *Plasmopora ssp*, *Pernospora spp* and *Phytium spp*.

Active Ingredient

Methyl-N- (2,6- dimethylphenil)-N- (2-methoxyacetyl)-alaninate 35 g.

STORAGE AND MANIPULATION

Store in enclosed dry well-ventilated areas, avoiding high temperatures and away from vapors released by agrochemicals.

RECOMMENDATION

Before using this product, it is advisable to seek professional advice from an agricultural engineer in order to assess the convenience of application, conditioning environmental factors, type of water, equipment to be used, etc.