

PRODUCT DATA SHEET



Intelligent coating with a powerful impact

The SafeStart® Filmcoated Seed System is designed as a functional seed application and provides a biological seed treatment based on living microorganisms and biostimulants. The growth-promoting substances and microorganisms used are activated as soon as the seed comes into contact with sufficient moisture. This allows the rhizosphere to be colonized at the earliest possible stage. This creates optimal conditions for root-microbiome interaction, particularly during the initial phase of development. The bacteria help stimulate the plant's natural immune system and root hair formation while improving the uptake of essential nutrients and minerals. Seedlings strengthened in this way are also better equipped to withstand adverse environmental conditions and abiotic stress factors through beneficial microbial processes. The use of SafeStart® can help minimize losses and support the establishment of a vigorous, healthy stand.

Filmcoated Seed System SafeStart®

Biological film coating with *Bacillus* sp. for a strong start and vigorous, healthy stands

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RED FILM COATING

for safe handling and visual control

BACILLUS SP.

Viable microorganisms

SEED GRAIN

high-quality
starting material



Active ingredient: *Bacillus* sp.

- naturally occurring soil bacterium
- colonizes the rhizosphere
- supports the plant during the early stages of development
- promotes root development
- supports nutrient availability
- contributes to uniform crop emergence

The microorganisms
form the active layer
and are activated after
sowing.

This product is a biological seed treatment containing living microorganisms. Its effectiveness depends on site-specific conditions, soil conditions, and climatic factors.



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Protects the seed, strengthens the stand

The uniform film-coating layer with red coloring optimizes the distribution of the active ingredient on each individual seed, thereby supporting fast and uniform germination. After sowing, the bacterial strains fixed to the seed become active in the immediate vicinity of the emerging root and colonize the soil surface. By colonizing the rhizosphere, microbial activity in the root zone is specifically promoted. This can contribute to improved nutrient availability and more stable development of the young plant during the early establishment phase.

The benefits of SafeStart® apply not only to individual seed lots but also to seed mixtures, regardless of whether they are sown manually or mechanically.



Trial series on the improvement of germination conditions

After 10 days: The seed coating helps maintain a balanced microclimate around the seedling, creating favorable conditions for rapid establishment and vigorous early development.

The product is ready
to use immediately and can
be handled in the same
way as untreated
seed.



Benefits

- good early development of seedlings
- spores have a long shelf life and remain viable even after extended storage
- low-dust formulation for safe handling
- established plants can also benefit from enrichment of the rhizosphere with this valuable microorganism
- visual inspection is made easier through improved visibility
- compatible with standard sowing equipment

Keep out of reach of children and animals.
Store in a cool, dry place.

DO YOU HAVE FURTHER QUESTIONS?

Contact us!

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