



bio-algeen BZ 5

Biological seed treatment

bio-algeen BZ 5

Biological plant aid and soil conditioner used for seed treatment

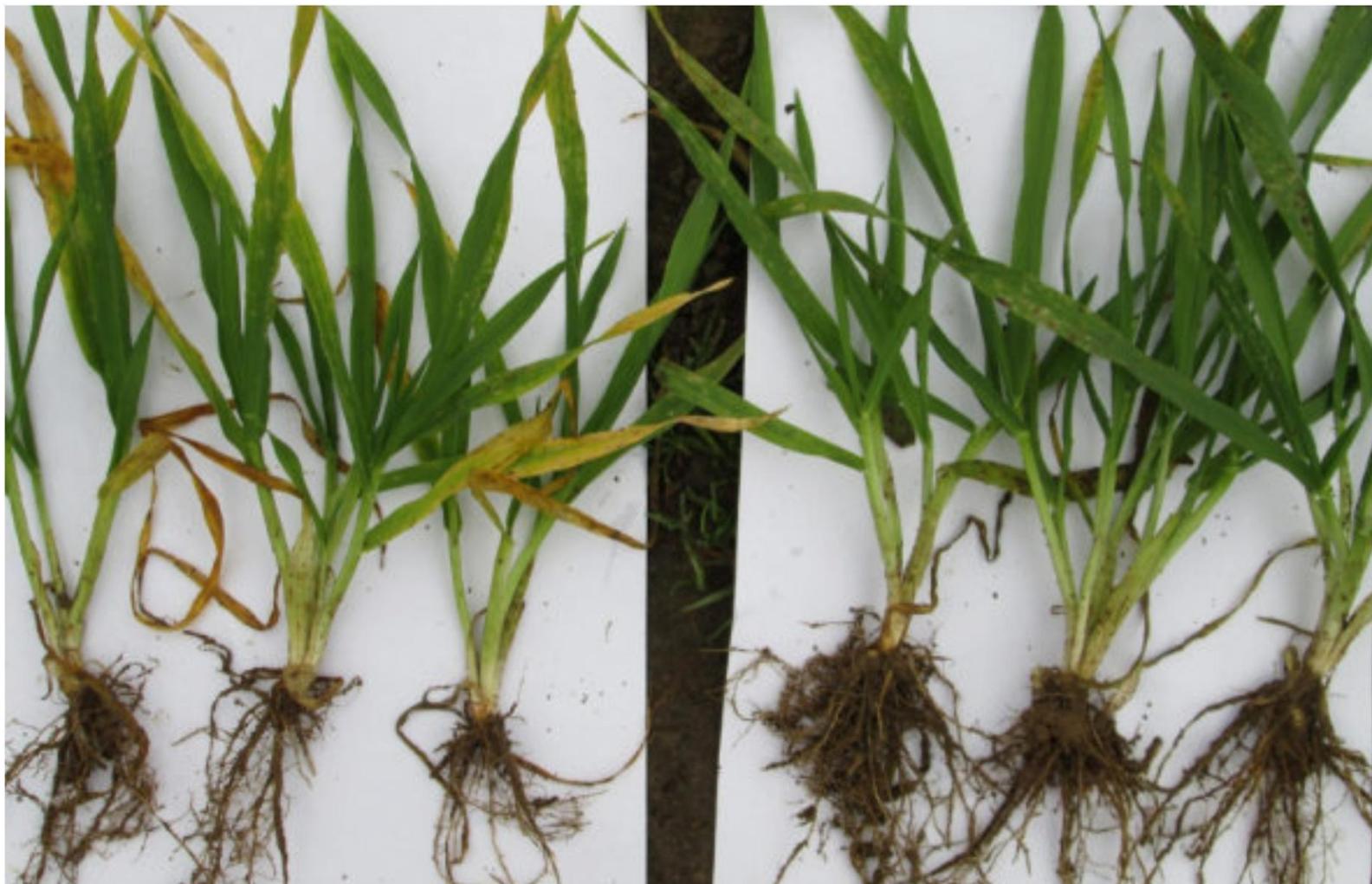
Naturally effective from the very beginning.

bio-algeen BZ 5 is a biological plant and soil conditioner in accordance with EC Regulation 89/08 for the treatment of cereal, corn and other seeds.

Due to its special mode of action, it supports rapid and uniform germination and promotes the development of a strong root system already in the early growth stage.

At the same time, a semi-permeable protective layer improves the water absorption of the grain, forming the basis for vigorous seedlings and a healthy growth advantage.

bio-algeen BZ 5 provides the foundation for strong seedlings and a healthy early growth boost.



Benefits and Effects



VIGOROUS GERMINATION & GROWTH

All viable seeds develop into strong plants. Over-treatment that reduces vigor is excluded.



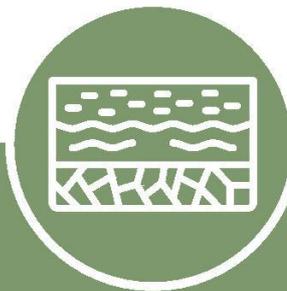
DESEASE PROTECTION

In combination with **bio-algeen® S 92**, reliably protects against foot rot, with a significant reduction of initial powdery mildew and other fungal infections.



SEMIPERMEABLE MEMBRANE

Seeds are coated with a protective biofilm of semipermeable membranes. This mechanism ensures rapid water absorption and vigorous germination.



LONG-TERM SOIL EFFECT

Subsequent applications with **bio-algeen® S 92** increase the fine root system by up to 40% and boost soil microbial activity up to 20-fold.

bio-algeen BZ 5 - in Comparison

Endorfer Ackerbau GbR

Comparison Results in Winter Wheat

		Conventional Treatments	bio-algeen BZ 5
Yield	dt/ha	66,8	73,0
Protein	%	12,5	13,4
HW <small>Hectoliter Weight</small>	kg	74,0	74,0
SDS <small>Sedimentation V.</small>		66,8	73,0
FN <small>Falling Number</small>	sek.	147	190

Coventional Treatments + S 92

bio-algeen BZ 5 + S 92



bio-algeen S92 + BZ 5



Untreated

Especially during the early growth stage, cereals and corn are particularly susceptible to foot rot, powdery mildew, and other fungal diseases. With **bio-algeen BZ 5**, the germination environment is specifically stabilized

The biological nutrient medium promotes the establishment of beneficial microorganisms that suppress pathogens. As a result, pathogenic fungi find little substrate and can only develop to a limited extent.

The result is reduced initial infection, lower plant losses, and a stable start for uniform, vigorous crops. Farmers can rely on healthy plants from the very beginning of germination—without chemical additives.

bio-algeen BZ 5

Application Instructions

Dosage and Application



Notes

Compatibility

- Compatible with all standard liquid seed treatments when required

Application

- Treated seeds should be used within 3 months if stored properly.

Feeding

- Excess seeds (treated only with **bio-algeen BZ 5**) can be fed to animals without any concern.

ENVIRONMENT & TOXICITY

- **bio-algeen** products are non-toxic to soil, plants, insects, animals, and humans when used as recommended.

Delivery Quantity

5 Liter

- Plastic can
- 4 x 5 Liter per carton
- 600 Liter per Euro pallet

10 Liter

- Plastic can
- 2 x 10 Liter per carton
- 600 Liter per Euro pallet