EXPERTS FOR GROWTH

COMPO EXPERT®



EasyStart®

Microgranular fertilizer for starter applications



EasyStart® – How does it work?

EasyStart® is applied at sowing time. The small granule size and the placement of the fertilizer into the seed bed increases its efficiency, crop yield and quality.

- Application in "neighbourhood" of the seed guarantees emergence and first development of the root.
- Higher fertilizer efficiency under dry conditions.
- More uniform crop development in the first growing phase.
- Better/deeper root development.
- Improved physical stability of the crop and higher capacity for future nutrient uptake.
- Reduction of nitrogen leaching.
- Additional trace elements to ensure optimal growth.
- IBDU included for steady nitrogen supply without leaching.
- Fine granule size within the range of 0.5–1.4 mm.

Root growth improvement with EasyStart®



Untreated | EasyStart® 30 kg/ha

Extra fine granulometry of EasyStart®



EasyStart® Application

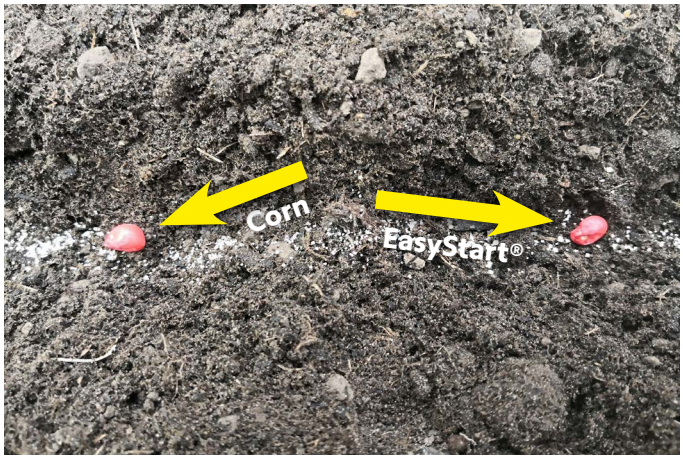
EasyStart® is applied in small dosages during the seeding process.
In this case, the fertilizer is placed directly into the seed bed.



Filling of fertilizer container



Bottom view



EasyStart® microgranules are applied during the seeding process in small dosages directly to the seed bed.



Application during the seeding process





EasyStart® – Target Crops

Rates for application:

Culture	kg/ha
Corn	20–40
Oil seed rape	20–30
Sugar beet	15–35
Cereals	20–50
Vegetables	20–40

- Fertilizer to be applied at time of sowing.
- Application may supplement standard fertilizer program to achieve significantly higher yield.
- Especially under good soil conditions the standard fertilizer program may be reduced significantly.

EasyStart® – Trial Results

Product performance at Pawlowice/Poland



Left: Competitor (7-20-28) 200 kg/ha; right: EasyStart® TE-Max BS 30 kg/ha

EasyStart® – Advanced Technology

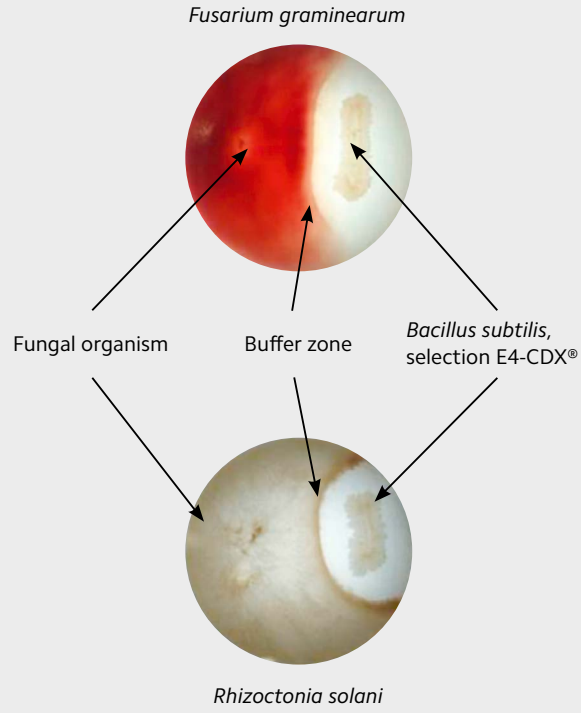
EasyStart® TE-Max BS

- *Bacillus subtilis*, selection E4-CDX® spores are tolerant to adverse conditions such as pH, salinity, heat, drought, radiation.
- *Bacillus subtilis*, selection E4-CDX® colonizes the root system and competes with certain fungal organisms (e.g., *Phytophthora, Pythium, Rhizoctonia, Fusarium, Peronospora*).
- *Bacillus subtilis*, selection E4-CDX® is not toxic.

EasyStart® Microfast/EasyStart® Plus:

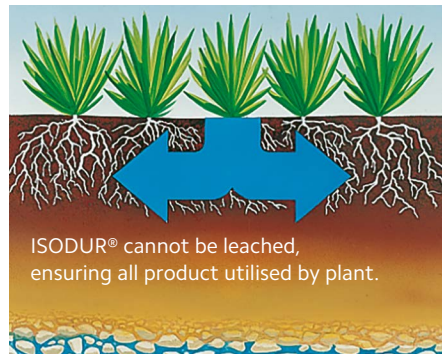
- Addition of ISODUR® for slow-release nitrogen supply.
- ISODUR® is COMPO EXPERT's unique slow-release nitrogen which has proven excellent efficiency.
- Reduction of leaching.
- Reduction of burning and salinity.
- Sustainable N-Nutrition in the most critical growth stage.
- High fertilizer efficiency.
- Environmental benefits.

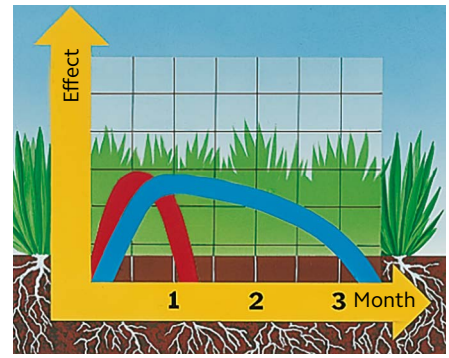
Competition of *Bacillus subtilis*, selection E4-CDX®



ISODUR® – How does it work?







- In the first phase, ISODUR® is broken down via hydrolysis into its original constituents at a rate dependent on temperature and moisture. These factors also control plant growth, so the release rate is in line with the biological demand of the plant.
- Efficient slow release effect even under difficult soil conditions, such as pure sand constructions.
- In the second phase, the slow-release nitrogen is converted by microorganisms into ammonium and nitrate ready for plant uptake. ISODUR® is 100% plant-available after conversion.
- By using slow-release ISODUR® nitrogen leaching is minimised and homogeneous growth is ensured over a period of up to 3 months.

EasyStart® – Microgranulate for starter applications

	Product	Composition	Characteristics	Packaging	Use*
	EasyStart® TE-Max	11-48-0 (+0.1 B+0.6 Fe+0.1 Mn+1 Zn)	NP starter fertilizer - 44% water soluble P_2O_5 - incl. TE - granule size: 90% within 0.5–1.4 mm	Bag: 20 kg Pallet size: 56 x 20 kg	Application: 20–40 kg/ha
	EasyStart® TE-Max BS	11-48-0 (+0.1 B+0.6 Fe+0.1 Mn+1 Zn) + *Bacillus subtilis*, selection E4-CDX®	NP starter fertilizer - *Bacillus subtilis*-effect - granule size: 90% within 0.5–1.4 mm	Bag: 20 kg Pallet size: 56 x 20 kg	Application: 20–40 kg/ha
	EasyStart® Microfast	13-40-0 (+0.2 Fe+0.7 Mn+0.8 Zn)	NP starter fertilizer - 34% water soluble P_2O_5 - product contains 3% slow-release nitrogen - granule size: 90% within 0.5–1.4 mm	Bag: 20 kg Pallet size: 50 x 20 kg	Application: 20–40 kg/ha
	EasyStart® Microfast BS	13-40-0 (+0.2 Fe+0.7 Mn+0.8 Zn) + *Bacillus subtilis*, selection E4-CDX®	NP starter fertilizer - *Bacillus subtilis*-effect - granule size: 90% within 0.5–1.4 mm	Bag: 20 kg Pallet size: 50 x 20 kg	Application: 20–40 kg/ha
	EasyStart® Plus	18-24-5 (+1 Fe+0.5 Mn+1 Zn)	NPK starter fertilizer - 20% water soluble P_2O_5 - product contains 7.1% slow-release nitrogen - granule size: 90% within 0.5–1.4 mm	Bag: 20 kg Pallet size: 50 x 20 kg	Application: 20–40 kg/ha

EasyStart® TE-Max, EasyStart® TE-Max BS and EasyStart® Microfast BS also available as 300 kg big bag.
* For detailed information on application data please get in touch with your local supplier.

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