

mm 20 7,5 5 1

N

K

Mg

Zn

P

FertiBOOST

MICRO-GRANULATED FERTILIZER PERFECT UTILIZATION OF THE REQUIRED NUTRIENTS

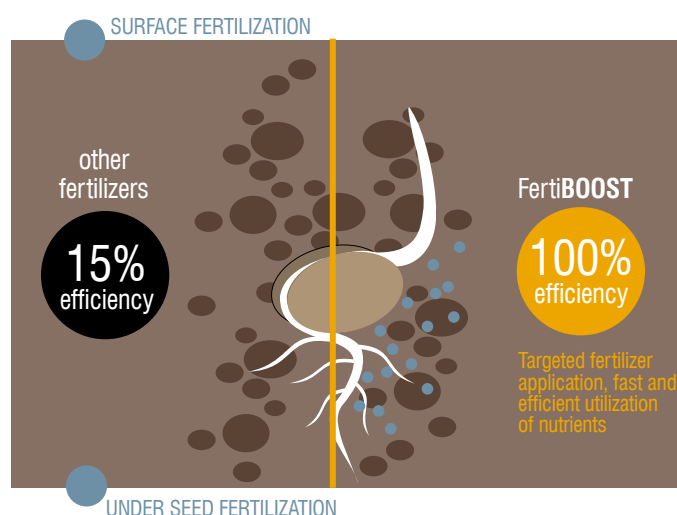
The first micro-granulated high-efficiency fertilizer ensures the effective nutrition of emerging plants by well-balanced and easily accessible nutrients. The targeted fertilization during sowing ensures direct contact with the root system and fast intake of supplied nutrients. It supports the fast vegetation and development of the root system. The TPP technology prevents the undesired phosphorus release.

Composition: 12% N, 43% P_2O_5 , 2% MgO , 11% SO_3 , 0,7% Zn

BENEFITS OF THE TARGETED APPLICATION

- ▶ Nutrients are concentrated where needed the most
- ▶ The well-balanced combination of nutrients supports proper establishment of the vegetation, its development and quality
- ▶ High efficiency of applied nutrients reaches almost 100%
- ▶ It supports the fast growth and proper root system development
- ▶ It ensures the proper intake of nutrients even in case of moisture deficiency
- ▶ It stimulates the growth and eliminates the stress caused by dry and cold weather
- ▶ It increases resistance to weather conditions, diseases and pests
- ▶ Fertilization at the time of sowing accelerates and simplifies the work and handling
- ▶ The low fertilizer dosage (20 kg/ha) reduces the soil stress and compaction
- ▶ It reduces the soil salinization caused by industrial fertilizers

MAXIMUM UTILIZATION OF APPLIED FERTILIZERS



AVAILABILITY AND UTILIZATION OF APPLIED NUTRIENTS

- ▶ Its binding to the organic matter supports the nutrient intake
- ▶ Micro-granulates of 0.5 – 1 mm containing well-balanced combination of the most important nutrients (nitrogen, phosphorus, sulphur, zinc and magnesium) stimulate the growth and activity of the root system of emerging plants
- ▶ The TPP technology ensures the proper phosphorus intake for a long period
- ▶ Nutrients are in direct contact with the root system
- ▶ It supports the intake of less accessible nutrients like P and Zn
- ▶ It ensures the proper nutrition and its supply at the growth stage of yield formation

TPP MAXIMUM PHOSPHORUS UTILISATION AND PROTECTION

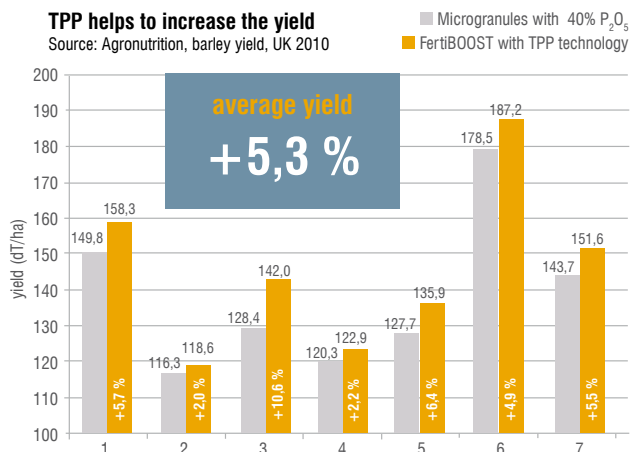
The TPP technology ensures the proper intake of phosphorus in all soil conditions. It prevents its fixation into heavily soluble and inaccessible forms when binding to the organic

matter. Compared to other phosphate fertilizers it ensures better phosphorus intake by plants.

The phosphorus applied in the soil is subject to chemical bonds after few days. Depending on pH of the soil, 75 to 95% of the phosphorus provided by phosphate fertilisers is fixed in the soil, which prevents its utilization by the individual plants. The TPP technology prevents the creation of insoluble compounds with Fe, Al or Ca ions. It ensures the high concentration of the water soluble phosphorus in the root area and its immediate and long-lasting supply.

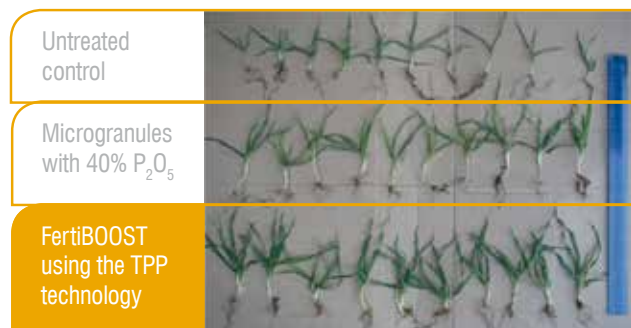
TPP helps to increase the yield

Source: Agronutrition, barley yield, UK 2010



TPP supports the growth and development

Source: Agronutrition, barley, UK 2010



TPP TECHNOLOGY BENEFITS

- ▶ It increases the efficiency of applied fertilizers
- ▶ It preserves the phosphorus in the required condition
- ▶ It ensures the proper intake even at reduced soil moisture
- ▶ It helps to reduce significantly the dosage of the applied phosphorus while maintaining its efficiency
- ▶ It can be used as a tool for keeping to set limits while fertilizers are applied
- ▶ It supports the development of the root system
- ▶ It improves the nutritional level and yield
- ▶ It reduces the risk of the soil salinization

RECOMMENDED DOSAGE

Crop	Dosage	Notes
Cereales	20-30 kg/ha	
Corn, sunflower	20-30 kg/ha	
Winter oil-seed rape	15-40 kg/ha	According to pH and P ₂ O ₅
Sugar beet, potatoes	30-40 kg/ha	
Poppy	20-30 kg/ha	
Horticulture, forestry	50-100 g/m ²	

PACKAGING: 300 kg

SPECIAL APPLICATION EQUIPMENT

The offer also includes special application equipment that ensures the targeted application when sowing all sizes of seeds. Experts from the company SOUFFLET AGRO will help you to choose and install the proper device depending on the type of your seeding machine and sowing area.



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