

TECHNICAL INFORMATION

Top Substra 12-12-17(+2+TE)



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Technical data:	
Macronutrients	
EC - FERTILIZER	
12.0 %	nitrogen (N)
7.0 %	NH ₄ nitrogen
5.0 %	NO ₃ nitrogen
- %	NH ₂ nitrogen
- %	isobutylidenediurea
- %	crotonylidenediurea
- %	methyleneurea
12.0 %	phosphate (P ₂ O ₅) soluble in neutral ammonium citrate and water
5.2 %	P
9.6 %	P ₂ O ₅ water soluble
4.2 %	P
17.0 %	potassium oxide (K ₂ O), water soluble
14.1 %	K
2.0 %	magnesium (MgO)
1.2 %	Mg
1.6 %	water soluble MgO
1.0 %	Mg
8.0 %	sulphur (S)
20.0 %	SO ₃
6.4 %	water soluble S
16.0 %	SO ₃
Micronutrients	
0.020 %	boron (B)
- %	copper (Cu)
0.060 %	iron (Fe)
- %	manganese (Mn)
0.010 %	zinc (Zn)
- %	molybdenum (Mo)
low in chlorine	

Other nutrients :

The raw materials used in the production process also contain low amounts of calcium (Ca), sodium (Na) or trace elements not mentioned above. The concentration of these elements is below EC declaration levels and can not be guaranteed.

Physical properties :

Colour : blue
Bulk density : 1050 ± 100 kg / m³
Granule size : 90 % = 1 - 2,5 mm
pH (1:10 in water) = 6 - 7
Physical appearance : Granular solid fertilizer, surface-treated for improved transport and storage properties.

Dangerous good classification :

Dangerous Good —
Hazardous material regulation —

Recommendation for application :

Thanks to its even granulation the fertilizer can be applied easily with spreaders or by hand. Application is possible during the whole vegetation period. Watering-in promotes the immediate effect.

Storage :

In unopened original containers the fertilizer can be stored for longer periods of time. Opened containers should be resealed tightly after removal of fertilizer and be stored in a dry place.

Notice to buyer :

Careful tests have proven that the product is suitable for the recommended purposes when used in accordance with our instructions. Trial first on a small scale before rate, application or other changes in your cultural practices are implemented. However, since storage and use are beyond our control and we are unable to foresee all circumstances arising therefrom, we are only liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

Description of fertilizer properties :

Controlled release fine granulated NPK complex fertilizer, partly coated. For mixing into substrates.

The nutrients are released in two steps:

- 1) Starter effect after application under moisture influence. As a result, the relatively high immediate demand is met.
 - 2) In a second step, the nutrients are released out of the coated granules via diffusion influenced by moisture and temperature.
- Mixing into substrate is recommended directly before use (maximum storage time 10 days).