

TECHNICAL INFORMATION

NovaTec® classic 12-8-16 (+3MgO+10S)+TE

E110 GRANULATED STABILIZED FERTILIZER, WITH SOP

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Technical data:	
EC - FERTILIZER	
12,0 %	total nitrogen (N)
7,0 %	ammoniacal nitrogen (NH ₄ -N)
5,0 %	nitrate nitrogen (NO ₃ -N)
- %	carbamide nitrogen (NH ₂ -N)
8,0 %	phosphate (P ₂ O ₅) soluble in neutral ammonium citrate and water
3,5 %	P
6,4 %	phosphate (P ₂ O ₅), water soluble
2,8 %	P
16,0 %	potassium oxide (K ₂ O), water soluble
13,3 %	K
3,0 %	total magnesium oxide (MgO)
1,8 %	Mg
2,4 %	magnesium oxide (MgO), water soluble
1,4 %	Mg
10,0 %	total sulphur (S)
25,0 %	SO ₃
8,0 %	sulfur (S), water soluble
20,0 %	SO ₃
0,02 %	total boron (B)
- %	total copper (Cu)
0,06 %	total iron (Fe)
- %	total manganese (Mn)
0,01 %	total zinc (Zn)
0,8 %	nitrification inhibitor 3,4-dimethylpyrazolephosphate (DMPP) related to total of NH ₄ -N and NH ₂ -N
low in chlorine	

Physical properties :	
physical appearance :	solid, granulated
colour :	purple
bulk density :	1250 ± 100 kg / m ³
granulometry :	90 % = 2 - 4 mm
average granule size (d50) :	3,2 ± 0,4 mm
pH (1:10 in water)	4,5 - 5,5

Dangerous good classification :	
Dangerous good regulation	not classified as dangerous good
Hazardous material regulation	not classified as hazardous material
For more detailed information about the product please check the material safety data sheet (MSDS).	

Description of fertilizer properties :
Granulated complex fertilizer with potassium sulfate (SOP) and nitrification inhibitor DMPP (3,4-dimethylpyrazolephosphate) for basal and complementary dressings in chloride sensitive crops and on salt-affected soils. DMPP reduces N-leaching and increases N-efficiency. For a period of 4 to 10 weeks, depending on soil temperature and soil humidity, the transformation of ammonium to nitrate is delayed. N-availability is further adapted to the plants' requirements and N-efficiency is increased. For usage in horticulture and special crops, outdoors and under glass.

Recommendation for application :
Thanks to its even granulation the fertilizer can be applied easily with spreaders or by hand. Nutrient distribution is even as every granule contains all nutrients and micronutrients. Application is possible during the whole vegetation period. Watering-in promotes the immediate effect.

Notice to buyer :
Careful tests have proven that the product is suitable for the recommended purposes when used in accordance with our instructions. 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.

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.

Customs tariff number :
HS number for <u>bulk</u> material : 3105 20 10

For further information please check our internet site http://www.compo-expert.com or contact our local sales team.
