

TECHNICAL INFORMATION

NovaTec® Premium 15-3-20 (+2MgO+TE)

(for use outside of EC)

E110 STABILIZED NPK GRANULATED (WITH SOP)

Technical data:	
15,0 % total nitrogen (N)	
7,0 % nitric nitrogen (NO ₃ -N)	
8,0 % ammoniacal nitrogen (NH ₄ -N)	
- % ureic nitrogen (NH ₂ -N)	
3,0 % total phosphorus pentoxide (P₂O₅)	1,3 % P
2,4 % water soluble phosphorus pentoxide (P ₂ O ₅)	1,0 % P
3,0 % P ₂ O ₅ soluble in neutral ammoniumcitrate	
20,0 % water soluble potassium oxide (K₂O)	16,6 % K
2,0 % total magnesium oxide (MgO)	1,2 % Mg
1,6 % water soluble magnesium oxide (MgO)	1,0 % Mg
23,0 % total sulphur trioxide (SO ₃)	10,0 % S
22,0 % water soluble sulphur trioxide (SO ₃)	8,0 % S
Micronutrients:	
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	



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Physical properties :

Colour :	purple
Bulk density :	1150 ± 100 kg / m ³
Granule size :	90 % = 2 - 4 mm
pH (1:10 in water) =	4,5 - 5,5
Physical appearance :	solid, granulated
average granule size (d50):	3,2 ± 0,4 mm

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.

Description of fertilizer properties :

Granulated complex fertilizer with potassium sulfate (SOP) and nitrification inhibitor DMPP (3,4-dimethylpraxolephosphate) 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 plant's requirements and N-efficiency is increased. For usage in horticulture and special crops, outdoors and under glass.



For more information please contact your representative.

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