

TECHNICAL INFORMATION

Hakaphos® 20-19-19



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Technical data:	
Macronutrients	
EC FERTILIZER	
20,0 % nitrogen (N)	
4,0 % NH ₄ nitrogen	
5,0 % NO ₃ nitrogen	
11,0 % NH ₂ nitrogen	
19,0 % phosphate (P ₂ O ₅) soluble in neutral ammonium citrate and water	8,3 % phosphor (P), soluble in neutral ammonium citrate and water
19,0 % P ₂ O ₅ water soluble	8,3 % water soluble P
19,0 % potassium oxide (K ₂ O), water soluble	15,8 % potassium (K), water soluble
0,5 % magnesium oxide (MgO)	0,3 % magnesium (Mg)
0,5 % water soluble MgO	0,3 % water soluble Mg
0,8 % sulfur (S)	2,0 % sulfur trioxide (SO ₃)
0,8 % water soluble sulfur (S)	2,0 % water soluble SO ₃
Micronutrients	
0,01 % boron (B)	
0,10 % iron (Fe)	
0,04 % zinc (Zn)	
0,04 % copper (Cu)	
0,003 % molybdenum (Mo)	
0,10 % manganese (Mn)	
low in chlorine	

Physical properties:	
Colour :	green
Bulk density (g/l):	900-1000
pH (1:10 in water) =	4-5
Physical appearance :	Crystalline solid fertilizer, homogenously treated for improved transport and storage properties.

Recommendation for application:	
This fertilizer contains all stated plant nutrients for a customized fertilization of agricultural and horticultural crops. Its excellent solubility prevents clogging of drip emitters or nozzles. As, however, certain types of water may lead to precipitation even without the addition of fertilizer, special care is required where such waters are used.	

Miscibility:	
This fertilizer is miscible with virtually all the common plant protection agents; it is not miscible with strongly alkaline products or with mineral oils. A simple compatibility test with the intended mixing partners is recommended before practical use.	



Cu, Fe, Mn and Zn chelated by EDTA.

For more information please contact your representative
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