



## EN Technical Data Sheet

Version: 2.4 Version Date: 2024-12-16

### Horti-Cote® Plus High K CRF 14+10+18+MgO+TE, 4M

PFC 1 (C)(I)(a)(ii)

Controlled Release NPK mineral macronutrient fertilizer with magnesium and micronutrients.

#### Analysis & declared nutrient contents by mass:

Component	Unit	Typical	
<b>N, total</b>	%	<b>14.12</b>	
NH <sub>4</sub>	%	6.68	
NO <sub>3</sub>	%	7.44	
urea	%	-	
<b>P<sub>2</sub>O<sub>5</sub></b>	%	<b>10.32</b>	5.1% water-soluble phosphorus pentoxide 5.1% phosphorus pentoxide soluble in neutral ammonium citrate
<b>K<sub>2</sub>O</b>	%	<b>18.98</b>	water-soluble potassium oxide, low in chloride
CaO	%	-	
<b>MgO</b>	%	<b>1.39</b>	water-soluble magnesium oxide
SO <sub>3</sub>	%	9.80	water-soluble sulphur trioxide
B	%	-	
Cu	%	0.0480	water-soluble copper
Fe	%	0.2000	100% EDTA
Mn	%	0.0780	water-soluble manganese
Mo	%	0.0066	water-soluble molybdenum
Zn	%	0.0480	water-soluble zinc

#### Benefits of Mivena Durable® CRF biodegradable coating:

- Highest release (>90%) effectiveness within longevity period
- Optimal, unique and consistent low-start, high-end release
- No exponential release at higher temperatures
- Minimal level of ammonium volatilization
- No swelling or leaching granules



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### Horti-Cote® Plus CRF Controlled Release Fertilizer



**Typical packaging:** 20kg PE bag

**Granules:** typical size 1-3mm,  
95% of which pass through 4.5mm sieve



Coated	Unit	Typical
N	%	100
P	%	100
K	%	100
TE	%	100

#### Application – General recommendations

	Low feeding	Average feeding	High feeding
Container	1-3 g/l	2-4 g/l	3-5 g/l
Nursery stock			
Pot & bedding plants	1-2 g/l	2-3 g/l	3-4 g/l
Soft-fruits substrate	1-2 g/l	2-4 g/l	4-5 g/l

The rate of nutrient releases can vary according to the temperature of the substrate. An adjustment of fertilisation may be necessary. Please contact us for specific recommendations and avoid over-fertilisation. To be used only where there is a recognized need. Do not exceed the application rate.

#### Transport, storage & packaging

- Delivered on pallets in 20kg PE bags with UV-cover or in 500 / 1000kg big bags.
- Transport and store between 5°C and 40°C. Avoid large temperature changes. Keep dry and in a well-ventilated place. Protect against frost, moisture and direct sunlight. Keep in original packaging.
- After opening, re-cover any unused bags with original UV-cover for optimal protection