



EN Technical Data Sheet

Version: 2.7 Version Date: 2025-07-29

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	
N, total	%	14.12	
NH ₄	%	6.68	
NO ₃	%	7.44	
urea	%	-	
P₂O₅	%	10.32	5.1% water-soluble phosphorus pentoxide 5.1% phosphorus pentoxide soluble in neutral ammonium citrate
K₂O	%	18.98	water-soluble potassium oxide, low in chloride
CaO	%	-	
MgO	%	1.39	water-soluble magnesium oxide
SO ₃	%	9.80	water-soluble sulphur trioxide
B	%	0.0040	water-soluble boron
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 gram / l	Average feeding gram / l	High feeding gram / l
Container	1.5 - 2.0	2.0 - 2.5	3.0 - 3.5
Nursery stock	1.5 - 2.0	2.0 - 2.5	2.5 - 3.5
Pot & bedding plants	1.5 - 2.0	2.0 - 2.5	3.0 - 3.5
Soft-fruits substrate	1.5 - 2.0	2.0 - 2.5	3.0 - 3.5

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