



EN Technical Data Sheet

Version: 2.8 Version Date: 2026-01-07

Grow-Cote® Plus High K CRF 13+10+18+MgO+TE, 12M

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	%	13.94	
NH ₄	%	6.43	
NO ₃	%	7.51	
urea	%	-	
P₂O₅	%	10.56	5.2% water-soluble phosphorus pentoxide 5.2% phosphorus pentoxide soluble in neutral ammonium citrate
K₂O	%	18.73	water-soluble potassium oxide, low in chloride
CaO	%	-	
MgO	%	1.62	water-soluble magnesium oxide
SO ₃	%	9.90	water-soluble sulphur trioxide
B	%	0.0040	water-soluble boron
Cu	%	0.0433	water-soluble copper
Fe	%	0.1800	100% EDTA
Mn	%	0.1050	water-soluble manganese
Mo	%	0.0062	water-soluble molybdenum
Zn	%	0.0433	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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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	3.0 - 4.0	4.0 - 5.0	5.0 - 6.0
Nursery stock			
Pot & bedding plants	2.5 - 4.0	3.5 - 5.0	4.5 - 6.0
Soft-fruits substrate	3.0 - 4.0	4.0 - 5.0	5.0 - 6.0

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

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