



EN Technical Data Sheet

Version: 2.0 Version Date: 2024-06-25

Grow-Cote® Top-dress CRF 21+5+10+CaO+3MgO+TE

Grow-Cote® Top-dress CRF
Controlled Release Fertilizer



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

Controlled Release NPK mineral macronutrient fertilizer with magnesium and micronutrients.

Typical packaging: 20kg PE bag

Granules: typical size 1-3mm,

95% of which pass through 4.5mm sieve

Analysis & declared nutrient contents by mass:

Component	Unit	Typical	
N, total	%	21.38	
NH ₄	%	5.68	
NO ₃	%	6.30	
urea	%	8.90	
P₂O₅	%	5.07	2.5% water-soluble phosphorus pentoxide 2.5% phosphorus pentoxide soluble in neutral ammonium citrate
K₂O	%	10.48	water-soluble potassium oxide, low in chloride
CaO	%	0.66	water-soluble calcium oxide
MgO	%	3.23	water-soluble magnesium oxide
SO ₃	%	6.11	water-soluble sulphur trioxide
B	%	0.0150	water-soluble boron
Cu	%	0.0150	water-soluble copper
Fe	%	1.1500	
Mn	%	0.1000	water-soluble manganese
Mo	%	0.0150	water-soluble molybdenum
Zn	%	0.0625	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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Coated	Unit	Typical
N	%	88
P	%	59
K	%	62

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