MIVENA SPECIALTY FERTILIZER COMPANY

EN Technical Data Sheet

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Granupermanent®CRF 21+5+11+4CaO+MgO

Granupermanent®CRF
Controlled Release Fertilizer

PFC 1 (C)(I)(a)(ii)
Controlled Release NPK mineral macronutrient fertilizer with calcium and magnesium

Typical packaging: 20kg PE bag
Granules: typical size 1-4mm,
95% of which pass through 4.5mm sieve

Analysis & declared nutrient contents by mass:

Component	Unit	Typical	
N, total	%	**21.98**	
NH_4	%	8.50	
NO_3	%	6.80	
urea	%	6.68	
P_2O_5	%	**5.95**	2.9% water-soluble phosphorus pentoxide 2.9% phosphorus pentoxide soluble in neutral ammonium citrate
K_2O	%	**11.05**	water-soluble potassium oxide, low in chloride
CaO	%	**4.25**	water-soluble calcium oxide
MgO	%	**1.70**	water-soluble magnesium oxide
SO_3	%	6.80	water-soluble sulphur trioxide
B	%	-	
Cu	%	-	
Fe	%	-	
Mn	%	-	
Mo	%	-	
Zn	%	-	

Coated	Unit	Typical
N	%	30
P	%	-
K	%	-

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

Durable®CRF CONTROLLED RELEASE FERTILIZER

Application – General recommendations

Longevity	Low feeding	Average feeding	High feeding
2-3 months	20 g/m²	25 g/m²	30 g/m²
3-4 months	25 g/m²	30 g/m²	35 g/m²
5-6 months	30 g/m²	35 g/m²	40 g/m²

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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