



## EN Technical Data Sheet

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### Granupermanent® Basic CRF 20+5+10+4CaO+4MgO+TE, 2M

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

Controlled Release NPK mineral macronutrient fertilizer with calcium, magnesium and micronutrients.

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

| Component                         | Unit | Typical      |  |
|-----------------------------------|------|--------------|--|
| <b>N, total</b>                   | %    | <b>20.83</b> |  |
| NH <sub>4</sub>                   | %    | 1.10         |  |
| NO <sub>3</sub>                   | %    | -            |  |
| urea                              | %    | 19.73        |  |
| <b>P<sub>2</sub>O<sub>5</sub></b> | %    | <b>5.40</b>  | 2.7% water-soluble phosphorus pentoxide<br>2.7% phosphorus pentoxide soluble in neutral ammonium citrate |
| <b>K<sub>2</sub>O</b>             | %    | <b>10.50</b> | water-soluble potassium oxide, low in chloride   |
| <b>CaO</b>                        | %    | <b>4.09</b>  | water-soluble calcium oxide  |
| <b>MgO</b>                        | %    | <b>4.25</b>  | water-soluble magnesium oxide  |
| SO <sub>3</sub>                   | %    | 15.03        | water-soluble sulphur trioxide   |
| B                                 | %    | 0.0060       | water-soluble boron  |
| Cu                                | %    | 0.0060       | water-soluble copper   |
| Fe                                | %    | 0.1200       |  |
| Mn                                | %    | 0.0400       | water-soluble manganese  |
| Mo                                | %    | 0.0002       | water-soluble molybdenum   |
| Zn                                | %    | 0.0250       | 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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### Granupermanent® CRF Controlled Release Fertilizer



**Typical packaging:** 20kg PE bag

**Granules:** typical size 1-4mm,  
95% of which pass through 4.5mm sieve



| Coated | Unit | Typical |
|--------|------|---------|
| N      | %    | 10      |
| P      | %    | -       |
| K      | %    | -       |
| SRU    | %    | 85      |

#### Application – General recommendations

| Longevity | Low feeding         | Average feeding     | High feeding        |
|-----------|---------------------|---------------------|---------------------|
| 2 months  | 20 g/m <sup>2</sup> | 25 g/m <sup>2</sup> | 30 g/m <sup>2</sup> |

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.