



## EN Technical Data Sheet

Version: 2.2 Version Date: 2024-10-02

### Grow-Cote® Plus High N CRF 18+5+10+2MgO+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      |  |
|-----------------------------------|------|--------------|--|
| <b>N, total</b>                   | %    | <b>18.80</b> |  |
| NH <sub>4</sub>                   | %    | 7.92         |  |
| NO <sub>3</sub>                   | %    | 6.48         |  |
| urea                              | %    | 4.40         |  |
| <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>10.55</b> | water-soluble potassium oxide, low in chloride   |
| CaO                               | %    | -            |  |
| <b>MgO</b>                        | %    | <b>1.97</b>  | water-soluble magnesium oxide  |
| SO <sub>3</sub>                   | %    | 14.40        | water-soluble sulphur trioxide   |
| B                                 | %    | 0.0040       | water-soluble boron  |
| Cu                                | %    | 0.0705       | water-soluble copper   |
| Fe                                | %    | 0.2900       | 100% EDTA  |
| Mn                                | %    | 0.1170       | water-soluble manganese  |
| Mo                                | %    | 0.0099       | water-soluble molybdenum   |
| Zn                                | %    | 0.0705       | 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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**Grow-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 | 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