



## EN Technical Data Sheet

Version: 2.3 Version Date: 2025-10-22

### Horti-Cote® Topdress Special CRF 22+5+10+CaO+3MgO+TE, 4M

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>22.01</b> |                                                                                                          |
| NH <sub>4</sub>                   | %    | 9.19         |                                                                                                          |
| NO <sub>3</sub>                   | %    | 5.72         |                                                                                                          |
| urea                              | %    | 6.70         |                                                                                                          |
| <b>P<sub>2</sub>O<sub>5</sub></b> | %    | <b>5.34</b>  | 2.6% water-soluble phosphorus pentoxide<br>2.6% phosphorus pentoxide soluble in neutral ammonium citrate |
| <b>K<sub>2</sub>O</b>             | %    | <b>10.00</b> | water-soluble potassium oxide, low in chloride                                                           |
| <b>CaO</b>                        | %    | <b>0.08</b>  | water-soluble calcium oxide                                                                              |
| <b>MgO</b>                        | %    | <b>3.27</b>  | water-soluble magnesium oxide                                                                            |
| SO <sub>3</sub>                   | %    | 10.63        | water-soluble sulphur trioxide                                                                           |
| B                                 | %    | 0.0060       | water-soluble boron                                                                                      |
| Cu                                | %    | 0.0340       | water-soluble copper                                                                                     |
| Fe                                | %    | 0.2800       |                                                                                                          |
| Mn                                | %    | 0.0760       | water-soluble manganese                                                                                  |
| Mo                                | %    | 0.0002       | water-soluble molybdenum                                                                                 |
| Zn                                | %    | 0.0410       | 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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### Horti-Cote® Top-dress 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      | %    | 67      |
| P      | %    | 45      |
| K      | %    | 52      |

#### Application – General recommendations

|                       | Low feeding gram/l | Average feeding gram/l | High Feeding gram/l |
|-----------------------|--------------------|------------------------|---------------------|
| Container             | 1.5 – 2.0          | 2.0 - 2.5              | 3.0 – 3.5           |
| Nursery stock         |                    |                        |                     |
| Pot & bedding plants  | 1.0 – 2.0          | 1.5 - 2.5              | 2.5 – 3.5           |
| Soft-fruits substrate | 1.5 – 2.0          | 2.0 - 2.5              | 3.0 – 3.5           |

Recommended dosage for pot sizes up to 10 ltr. 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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