



## EN Technical Data Sheet

Version: 1.0 Version Date: 2025-12-22

### GreenStar® CRF 22+5+9+8CaO+3MgO

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

Controlled Release NPK mineral macronutrient fertilizer with calcium and magnesium.

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

Component	Unit	Typical	
<b>N, total</b>	%	<b>22.41</b>	
NH <sub>4</sub>	%	0.77	
NO <sub>3</sub>	%	1.65	
urea	%	19.99	
<b>P<sub>2</sub>O<sub>5</sub></b>	%	<b>5.16</b>	2.5% water-soluble phosphorus pentoxide 2.5% phosphorus pentoxide soluble in neutral ammonium citrate
<b>K<sub>2</sub>O</b>	%	<b>9.42</b>	water-soluble potassium oxide, low in chloride
<b>CaO</b>	%	<b>8.81</b>	water-soluble calcium oxide
<b>MgO</b>	%	<b>3.30</b>	water-soluble magnesium oxide
SO <sub>3</sub>	%	8.25	water-soluble sulphur trioxide
B	%	-	
Cu	%	-	
Fe	%	-	
Mn	%	-	
Mo	%	-	
Zn	%	-	

#### 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 and GreenStar® CRF are registered trademarks of Mivena B.V.** The Product delivered to Buyer may not have been independently tested. However, Seller confirms that the above-referenced specifications are consistent with Product delivery specifications used to deliver Product to the applicable loading terminal. This Technical Data Sheet is subject to the terms and conditions of the Sales Confirmation issued by Seller to Buyer related to the sale of Product. The above data are based on continuous quality control, but do not exempt Buyer from their obligation to inspect Product on delivery. The above data are for information purposes only and do not constitute any guarantee. It is the responsibility of Buyer to determine the suitability of Product for Buyer's intended use.

### GreenStar® 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	%	34
P	%	-
K	%	-

#### Application – General recommendations

Longevity	Low feeding	Average feeding	High feeding
2-3 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.

**Mivena B.V.**

Sprangseweg 13C  
5144 NV Waalwijk

+31(0) 416 337464  
info@mivena.nl

KvK H180761840000

BTW NL813797408B01

IBAN NL65 RABO 0156552035

**mivena.nl**