

Horti-Cote® Plus CRF

Controlled Release Fertilizer

Standard Product line

16 + 6 + 13 + 2MgO + trace elements	2M
16 + 6 + 12 + 2MgO + trace elements	4M
16 + 6 + 11 + 2MgO + trace elements	6M
15 + 6 + 12 + 2MgO + trace elements	8M
15 + 6 + 11 + 2MgO + trace elements	12M
14 + 5 + 11 + 2MgO + trace elements	16M
14 + 10 + 18 + 1,3MgO + trace elements	4M
14 + 10 + 18 + 1,3MgO + trace elements	6M
13 + 10 + 18 + 1,3MgO + trace elements	8M



Horti-Cote® Plus CRF

Controlled Release Fertilizer

The ideal base fertilizer for container and pot grown plants

The Horti-Cote®Plus CRF concept

A balanced base fertilizer for every container / pot culture:

Specific analyses / longevities are available for all crops.

N+P+K+MgO+Traces are all 100% resin coated:

This reduces the risk of leaching and subsequent pollution in run-off water to a minimum.

Easy to use, both for mixing in compost or for top-dressing:

When mixing in compost add 0.75–1.25 Kg starter per m³ substrate. When dibbling Horti-Cote®Plus CRF in the planting hole, reduce the rate of starter fertilizer mixed in the compost, to 0,5 kg / m³.

Constant release of all nutrients:

Horti-Cote®Plus CRF will provide an even release of all major and trace element nutrients. Select the appropriate longevity for your crop. Consistent growth will reduce susceptibility to stress factors.

The most economical way to fertilize your crop:

Horti-Cote®Plus CRF supplies the exact base requirement of the crop, with no waste, and ensures best value for money when purchasing your fertilizers.

Additional nutrient may be required:

When the crop is growing at a faster than normal rate or when the growing period exceeds the longevity of the CRF.

Horti-Cote®Plus CRF is a registered trade mark of Mivena Holding B.V.



Horti-Cote® Plus CRF

Controlled Release Fertilizer

16+ 6+ 13+ 2MgO+Trace Elements 2M

(16 + 2,6 + 10,8 + 1,2 Mg + TE)

Controlled release nitrogen, phosphorus and potassium:
100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and
100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

16 %

Nitrogen (N)

8,8 % ammonium nitrogen

7,2 % nitrate nitrogen

6 %

Phosphate (P₂O₅), (2,6 % P)

neutral ammonium citrate and water soluble

5,1% P₂O₅ (2,2% P) water soluble

13 %

Potassium Oxide (K₂O), (10,8 % K)

water soluble

2 %

Magnesium Oxide (MgO), (1,2 % Mg)

water soluble

16 %

Sulfur Trioxide (SO₃), (6,4 % S)

0,080 %

Copper (Cu)

0,330 %

Iron (Fe) 100% EDTA

0,130 %

Manganese (Mn)

0,011 %

Molybdenum (Mo)

0,080 %

Zinc (Zn)

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

16+ 6+ 12+ 2MgO+Trace Elements 4M

(16 + 2,6 + 10,0 + 1,2 Mg + TE)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

16 %

Nitrogen (N)

8,8 % ammonium nitrogen

7,2 % nitrate nitrogen

6 %

Phosphate (P₂O₅), (2,6 % P)

neutral ammonium citrate and water soluble

5,1% P₂O₅, (2,2% P) water soluble

12 %

Potassium Oxide (K₂O), (10,0 % K)

water soluble

2 %

Magnesium Oxide (MgO), (1,2 % Mg)

water soluble

16 %

Sulfur Trioxide (SO₃), (6,4 % S)

0,077 %

Copper (Cu)

0,320 %

Iron (Fe) 100% EDTA

0,130 %

Manganese (Mn)

0,011 %

Molybdenum (Mo)

0,077 %

Zinc (Zn)

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

16+ 6+ 11+ 2MgO+Trace Elements 6M

(16 + 2,6 + 9,1 + 1,2Mg + TE)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

16 % Nitrogen (N)
8,8 % ammonium nitrogen
7,2 % nitrate nitrogen

6 % Phosphate (P₂O₅), (2,6% P)
neutral ammonium citrate and water soluble
5,1% P₂O₅, (2,2 % P) water soluble

11% Potassium Oxide (K₂O), (9,1 % K)
water soluble

2 % Magnesium Oxide (MgO), 1,2 % Mg
water soluble

16% Sulfur Trioxide (SO₃), (6,4% S)

0,077 % Copper (Cu)
0,320 % Iron (Fe) 100% EDTA
0,130 % Manganese (Mn)
0,011 % Molybdenum (Mo)
0,077 % Zinc (Zn)

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

15+ 6+ 12+ 2MgO+Trace Elements 8M

(15 + 2,6 + 10,0 + 1,2Mg + TE)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

15 % Nitrogen (N)
8,3 % ammonium nitrogen
6,7 % nitrate nitrogen

6 % Phosphate (P₂O₅), (2,6% P)
neutral ammonium citrate and water soluble
5,1% P₂O₅, (2,2 % P) water soluble

12 % Potassium Oxide (K₂O), (10,0 % K)
water soluble

2 % Magnesium Oxide (MgO), (1,2 % Mg)
water soluble

15% Sulfur Trioxide (SO₃), (6,0 % S)

0,076 % Copper (Cu)
0,320 % Iron (Fe) 100% EDTA
0,130 % Manganese (Mn)
0,011 % Molybdenum (Mo)
0,076 % Zinc (Zn)

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

15+ 6+ 11+ 2MgO+Trace Elements 12M

(15 + 2,6 + 9,1 + 1,2 Mg + TE)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

15 %

Nitrogen (N)

8,3 % ammonium nitrogen

6,7 % nitrate nitrogen

6 %

Phosphate (P₂O₅), (2,6% P)

neutral ammonium citrate and water soluble

5,1% P₂O₅, (2,2 % P) water soluble

11 %

Potassium Oxide (K₂O), (9,1% K)

water soluble

2 %

Magnesium Oxide (MgO), 1,2 % Mg

water soluble

15%

Sulfur Trioxide (SO₃), 6,0 % S)

0,074 %

Copper (Cu)

0,310 %

Iron (Fe) 100% EDTA

0,120 %

Manganese (Mn)

0,011 %

Molybdenum (Mo)

0,074 %

Zinc (Zn)

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

14+ 5+ 11+ 2MgO+Trace Elements 16M
(14 + 2,2 + 9,1 + 1,2Mg + TE)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

14 %

Nitrogen (N)

7,7 % ammonium nitrogen

6,3 % nitrate nitrogen

5 %

Phosphate (P₂O₅), (2,2 % P)

neutral ammonium citrate and water soluble

4,3% P₂O₅, (1,9 % P) water soluble

11 %

Potassium Oxide (K₂O), (9,1 % K)

water soluble

2 %

Magnesium Oxide (MgO), (1,2% Mg)

water soluble

14%

Sulfur Trioxide (SO₃), (5,6 % S)

0,070 %

Copper (Cu)

0,290 %

Iron (Fe) 100% EDTA

0,110 %

Manganese (Mn)

0,010 %

Molybdenum (Mo)

0,070 %

Zinc (Zn)

Granule size:2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

14+ 10+ 18+ 1,3 MgO+Trace Elements 4M
(14 + 4,4 + 14,9 + 0,8 Mg + TE)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

14 % **Nitrogen (N)**
6,6 % ammonium nitrogen
7,4 % nitrate nitrogen

10 % **Phosphate (P₂O₅), (4,4 % P)**
neutral ammonium citrate and water soluble
8,5 % P₂O₅, 3,7 % P water soluble

18 % **Potassium Oxide (K₂O), (14,9 % K)**
Water soluble

1,3 % **Magnesium Oxide (MgO), (0,8 % Mg)**
Water soluble

9 % **Sulfur Trioxide SO₃, (3,6 % S)**

0,04 % **Copper (Cu)**
0,19 % **Iron (Fe) 100% EDTA**
0,07 % **Manganese (Mn)**
0,005 % **Molybdenum (Mo)**
0,04 % **Zinc (Zn)**

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

14+ 10+ 18+ 1,3MgO+Trace Elements 6M
(14 + 4,4 + 14,9 + 0,8 Mg + TE)

Controlled release nitrogen, phosphorus and potassium:
100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100% of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium, with Magnesium and Trace elements

14 % **Nitrogen (N)**
6,6 % ammonium nitrogen
7,4 % nitrate nitrogen

10 % **Phosphate (P₂O₅), (4,4 % P)**
neutral ammonium citrate and water soluble
8,5 % P₂O₅, (3,7 % P) water soluble

18 % **Potassium Oxide (K₂O), (14,9 % K)**
water soluble

1,3 % **Magnesium Oxide (MgO), (0,8 % Mg)**
water soluble

9 % **Sulfur Trioxide (SO₃), (3,6 % S)**

0,04 % **Copper (Cu)**
0,19 % **Iron (Fe) 100% EDTA**
0,07 % **Manganese (Mn)**
0,005 % **Molybdenum (Mo)**
0,04 % **Zinc (Zn)**

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

13+ 10+ 18+ 1,3 MgO + Trace Elements 8M

(13 + 4,4 + 14,9 + 0,8 Mg + TE)

Controlled release nitrogen, phosphorus and potassium:
100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium and 100%
of the Magnesium and Trace elements are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and
Potassium, with Magnesium and Trace elements

13 % Nitrogen (N)
6,2 % ammonium nitrogen
6,8 % nitrate nitrogen

10 % Phosphate (P₂O₅), (4,4 % P)
neutral ammonium citrate and water soluble
8,5 % P₂O₅, (3,7 % P) water soluble

18 % Potassium Oxide (K₂O), (14,9 % K)
water soluble

1,3 % Magnesium Oxide (MgO), (0,8 % Mg)

9 % Sulfur Trioxide (S_o3), (3,6 % S)

0,04 % Copper (Cu)
0,19 % Iron (Fe) 100% EDTA
0,07 % Manganese (Mn)
0,005 % Molybdenum (Mo)
0,04 % Zinc (Zn)

Granule size: 2-4 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® Plus CRF

Controlled Release Fertilizer

16+6+13+2MgO+Te 2M 16+6+12+2MgO+Te 4M 16+6+11+2MgO+Te 6M
15+6+12+2MgO+Te 8M 15+6+11+2MgO+Te 12M 14+5+11+2MgO+Te 16M

Recommendations give in Kg fertilizer /m³ substrate/potting soil/ compost

	4M	6M	8M	12M	16M
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Culture

Container Nursery Stock

Low feed	1,5-2,0	2,0-2,5	2,0-3,0	3,0-4,0	4,0-4,5
Average feed	2,0-2,5	2,5-3,5	3,0-4,0	4,0-5,0	4,5-5,5
High feed	3,0-3,5	3,5-4,5	4,0-5,0	5,0-6,0	5,5-6,5

Potplants foliage

Low feed	2,0-2,5	2,5-3,0	3,0-3,5	3,5-4,0	4,5-5,0
Average feed	2,5-3,0	3,0-3,5	3,5-4,0	4,0-4,5	5,0-5,5
High feed	3,0-3,5	3,5-4,0	4,0-4,5	4,5-5,0	5,5-6,0

Potplants flowering

Low feed	1,5-2,0	2,0-2,5	2,5-3,0	3,0-3,5	N.A.
Average feed	2,0-2,5	2,5-3,0	3,0-3,5	3,5-4,0	N.A.
High feed	2,5-3,0	3,0-3,5	3,5-4,0	4,0-4,5	N.A.

Bedding plants

Low feed	1,5-2,0	2,0-2,5	2,5-3,0	N.A.	N.A.
Average feed	2,0-2,5	2,5-3,0	3,0-3,5	N.A.	N.A.
High feed	2,5-3,0	3,0-3,5	3,5-4,0	N.A.	N.A.

Perennials

Low feed	2,0-2,5	2,5-3,0	3,0-3,5	N.A.	N.A.
Average feed	2,5-3,0	3,0-3,5	3,5-4,0	N.A.	N.A.
High feed	3,0-3,5	3,5-4,0	4,0-5,0	N.A.	N.A.

Balcony boxes

Low feed	N.Z.	2,0-2,5	2,5-3,0	N.A.	N.A.
Average feed	N.Z.	2,5-3,0	3,0-3,5	N.A.	N.A.
High feed	N.Z.	3,0-4,5	3,5-5,0	N.A.	N.A.

When re-potting calculate the litres substrate/potting soil you add in the new container/pot. Adjust the Kg/m³ according to the m³ substrate/potting soil added to the pot/container.

All rates are based upon substrate / potting soil of which the pH level has been adjusted to the plant needs and the substrate has been fertilized with a starter fertilizer between 0.75 – 1.25 Kg/m³.

Before switching to a different product, dosage or application, you should try out first on a small scale. Mivena is not liable for damages due to improper use and dosage is beyond our control.



Horti-Cote® Plus CRF

Controlled Release Fertilizer

14 + 10 + 18 + MgO + TE 4-6M
13 + 10 + 18 + MgO + TE 8M

Recommendations given in Kg/m³ substrate /potting soil.

Culture	4M	6M	8M
Container Nursery Stock			
Low feed	1.5-2.0	2.0-2.5	2.0-3.0
Average feed	2.0-2.5	2.5-3.5	3.0-4.5
High feed	2.5-3.0	3.0-3.5	3.5-4.0
Pot plants - foliage			
Low feed	2.0-2.5	2.5-3.0	3.0-3.5
Average feed	2.5-3.0	3.0-3.5	3.5-4.0
High feed	3.0-3.5	3.5-4.0	4.0-4.5
Pot plants - flowering			
Low feed	1.5-2.0	2.0-2.5	2.5-3.0
Average feed	2.0-2.5	2.5-3.0	3.0-3.5
High feed	2.5-3.0	3.0-3.5	3.5-4.0
Azalea, Camellia (ericaceous species)			
Low feed	1.0-1.5	1.5-2.0	2.0-2.5
Average feed	1.5-2.0	2.5-2.5	2.5-3.0
High feed	2.0-2.5	2.5-3.0	3.0-3.5
Palmea, Cordilyne			
Low feed	1.5-2.0	2.0-2.5	2.5-3.0
Average feed	2.0-2.5	2.5-3.0	3.0-3.5
High feed	2.5-3.0	3.0-3.5	3.5-4.0

* Base feeding as a starter fertilizer

When repotting, calculates the litres substrate / potting soil you add in the new container/pot. Adjust the Kg/m³ according to the m³ substrate / potting soil added to the pot/container.

All rates are based upon substrate / potting soil of which the pH level has been adjusted to the plant needs and the substrate has been fertilized with a starter fertilizer between 0.75 – 1.25 Kg/m³.

Before switching to a different product, dosage or application, you should first try it out on a small scale. Mivena cannot be held liable for any damage due to improper use or an incorrect dosage being applied.



Horti-Cote® CRF

Controlled Release Fertilizer

Horti-Cote®CRF

	<u>2M</u>	<u>4M</u>	<u>6M</u>	<u>8M</u>
20 + 6 + 13	x	-	-	-
19 + 6 + 13	-	x	-	-
19 + 6 + 12	-	-	x	-



Horti-Cote® CRF

Controlled Release Fertilizer

20+ 6+ 13 2M (Starter)

(20 + 2,6 + 10,8)

Controlled release nitrogen, phosphorus and potassium:

100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium

20 % Nitrogen (N)
10,9 % ammonium nitrogen
9,1 % nitrate nitrogen

6 % Phosphate (P₂O₅), (2,6 % P)
neutral ammonium citrate and water soluble
5,1% P₂O₅, (2,2 % P) water soluble

13 % Potassium Oxide (K₂O), (10,8 K)
water soluble

10 % Sulfur Trioxide (SO₃), (4,0 % S)

Granule size: 1-3,5 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® CRF

Controlled Release Fertilizer

19+ 6+ 13 4M

(19 + 2,6 + 10,8)

Controlled release nitrogen, phosphorus and potassium:
100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium

19 %

Nitrogen (N)

10,3 % ammonium nitrogen
8,7 % nitrate nitrogen

6 %

Phosphate (P_2O_5), (2,6% P)

neutral ammonium citrate and water soluble
5,1% P_2O_5 (2,2 % P), water soluble

13 %

Potassium Oxide (K_2O), (10,8% K)

soluble in water low level of Chlorine

10 %

Sulfur Trioxide (SO_3), (4,0 % S)

Granule size: 1-3,5 mm

Packaging: PE bag

Net weight: 20 Kg



Horti-Cote® CRF

Controlled Release Fertilizer

19+ 6+ 12 6M

(19 + 2,6 + 9,9)

Controlled release nitrogen, phosphorus and potassium:
100 % of the nitrogen, 100% of the phosphorus, 100% of the potassium are polymer coated.

NPK-fertilizer with coated Nitrogen, Phosphorus and Potassium

19 % **Nitrogen (N)**
10,3 % ammonium nitrogen
8,7 % nitrate nitrogen

6 % **Phosphate (P₂O₅), (2,6% P)**
neutral ammonium citrate and water soluble
5,1% P₂O₅ (2,2 % P), water soluble

12 % **Potassium Oxide (K₂O), (9,9% K)**
soluble in water low level of Chlorine

10 % **Sulfur Trioxide (SO₃), (4,0 % S)**

Granule size: 1-3,5 mm

Packaging: PE bag

Net weight: 20 Kg

