



## **Basacote® Plus**

**Fully coated compound NPK Fertilizer**



- Controlled release of all macro and micro elements



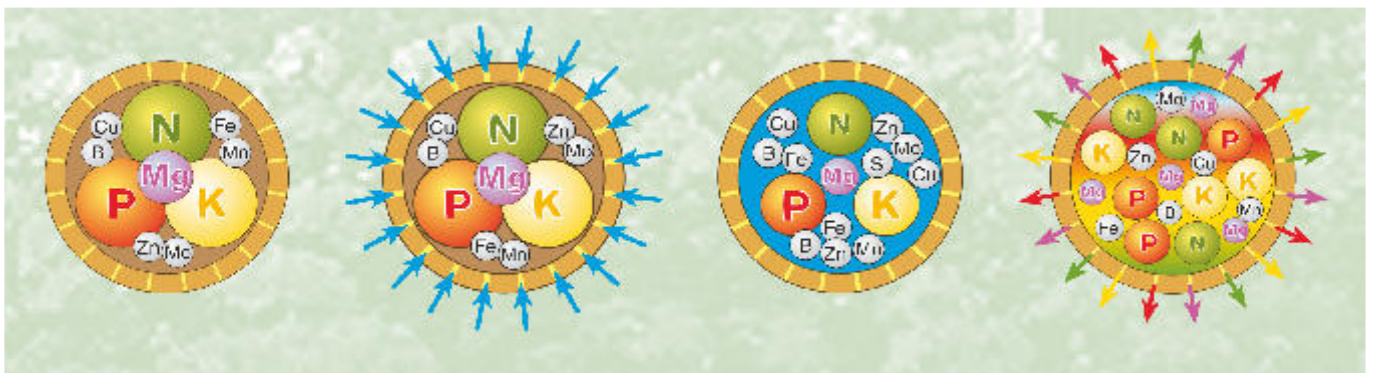
- Safe fertilizer for optimal and even plant development



- No harmful Salinity
- Labour savings by long-term release
- Unique micro element placement underneath flexible coating layer



## Basacote® Plus – How does it work?



NPK-granules are coated with an elastic polymer.

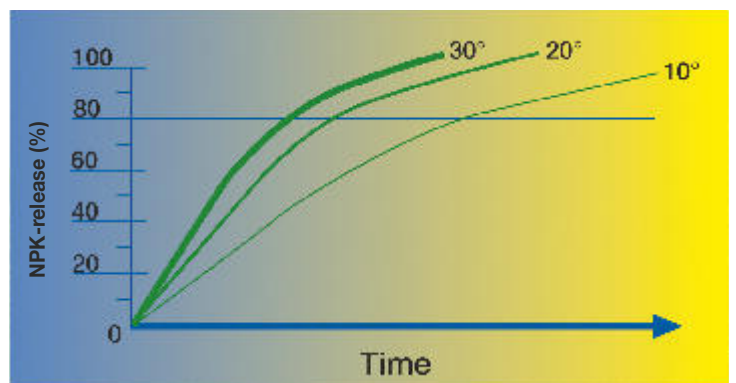
After application, water enters through the pores.

The nutrients are dissolved in water. The result is a concentrated nutrient solution.

A controlled nutrient release over 3, 6, 9 and 12 months is ensured.



✓ Balanced nutrition at all soil temperatures



## Types and release periods

Average Soil temperature

15 °C  
21 °C  
27 °C

**Basacote Plus 3M**  
4 - 5 M  
3 - 4 M  
2 - 3 M

**Basacote Plus 6M**  
6 - 7 M  
5 - 6 M  
4 - 5 M

**Basacote Plus 9M**  
9 - 10 M  
8 - 9 M  
7 - 8 M

**Basacote Plus 12M**  
12 - 14 M  
10 - 12 M  
9 - 10 M

**Basacote® Plus – controlled release for all climate zones!**



## Basacote® Plus – The Perfect Coating

### Even thickness

- ⇒ Ensuring high crop safety through controlled nutrient release

### High elasticity

- ⇒ High safety; mechanical damage is reduced to a minimum

### Frost resistance

- ⇒ High frost resistance of the new coating, even under high temperature fluctuations
- ⇒ Coating consists of elastic polymer and is slowly broken down in the soil after nutrient releases

### Release linked (CAR-Technology) to temperature

- ⇒ Guarantees nutrient availability according to the plant requirements

### Trace element supply

- ⇒ All necessary micronutrients (B, Cu, Fe, Mn, Mo, Zn) are supplied in every granule

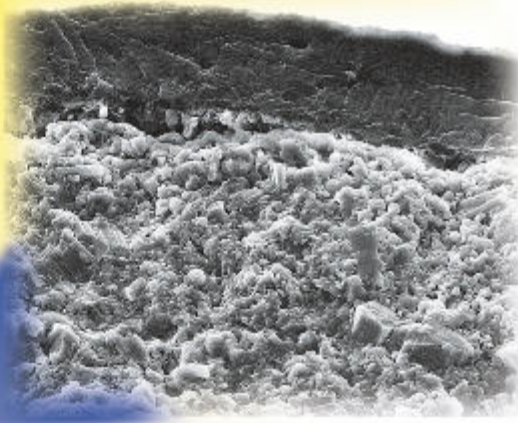


Photo:  
Microscopic view (2000x) of  
a Basacote Plus granule



## Basacote® Plus – Optimal Micro Element Release



- ⇒ Fully chelated trace elements for excellent plant availability
- ⇒ The precise placement of micro nutrients directly under coating layer guarantees:
  - continuous long-term release
  - best efficiency of the chelates



## Basacote® Plus – Product Development



Basacote® Plus  
2 - 4 mm  
(2000 - 2006)

New screened granules  
size since 2006



Basacote® Plus  
2,5 - 3,5 mm  
(since 2006)

Advantages of the new  
granule size:

- ⇒ More homogeneous release  
of each granule
- ⇒ Best distribution of the  
granules in the growing media

## Basacote® Plus – Trial results

### 1) Juniperus

Basacote® Plus 9M

Competitor



Nursery Bruns, Bad Zwischenahn, Germany, 2004

### 2) Table grapes (50 g/plant in Planting hole)

Basacote® Plus 6M      without Basacote® Plus



Chile, 2005

### 3) Papaya (40 g/plant)

Basacote® Plus      without Basacote® Plus



Mexico, 2005



# Basacote® Plus – General Recommendations

## Tree nursery

Potting date	product type	rate in kg/m <sup>3</sup> or g/l
winter - spring	Basacote Plus 9M	2 - 6
spring - summer	Basacote Plus 6M	2 - 5
late summer - autumn	Basacote Plus 12M	2 - 6

## Shrubs

Potting date	product type	rate in kg/m <sup>3</sup> or g/l
winter - spring	Basacote Plus 6M	1 - 3
spring - summer	Basacote Plus 9M	1 - 3
short crop in main growth period	Basacote Plus 3M	1 - 3

## Bedding and balcony plants

	product type	rate in kg/m <sup>3</sup> or g/l
covered crop; depending on crop period and timing	Basacote Plus 3M	2 - 5
	Basacote Plus 6M	2 - 5
outside use	Basacote Plus 6M	3 - 6
	Basacote Plus 9M	3 - 6

## Potplants

	product type	rate in kg/m <sup>3</sup> or g/l
depending on crop cycle and timing	Basacote Plus 3M	2 - 6
	Basacote Plus 6M	2 - 6
	Basacote Plus 9M	2 - 6

## Landscaping

	product type	rate in g/m <sup>2</sup> or kg/m <sup>2</sup>
depending on crop cycle and timing	Basacote Plus 6M	60 - 200
	Basacote Plus 9M	60 - 200
	Basacote Plus 12M	60 - 200





## Plant hole Fertilization

Shrubs: 10 - 50 g/plant  
(0,3 - 2,0 m height)

Trees: 10 - 120 g/plant  
(3 - 30 cm stem diameter)



## Basacote® Plus – General Recommendations

Product	Composition	Characteristics	Packaging	Use
<b>Basacote® Plus 3M</b>	16+8+12 (+2MgO+5S+TE) 	Controlled release fertilizer - 3 months longevity - for substrate production, horticultural crops and plant hole fertilization - incl. B, Cu, Fe, Mn, Mo, Zn - 100% polymer-coated  Granule size: 2,5 - 3,5 mm	25 kg bag  1 Pallet: 42 x 25 kg (1,05 mt)  1 Container: 20 x 1,05 mt (21 mt)	<u>Low demand:</u> 2,0 - 2,5 kg/m <sup>3</sup>  <u>Medium demand:</u> 2,5 - 3,5 kg/m <sup>3</sup>  <u>High demand:</u> 3,5 - 4,5 kg/m <sup>3</sup>
<b>Basacote® Plus 6M</b>	16+8+12 (+2MgO+5S+TE) 	Controlled release fertilizer - 6 months longevity - substrate production, horticultural crops and plant hole fertilization - incl. B, Cu, Fe, Mn, Mo, Zn - 100% polymer-coated  Granule size: 2,5 - 3,5 mm	25 kg bag  1 Pallet: 42 x 25 kg (1,05 mt)  1 Container: 20 x 1,05 mt (21 mt)	<u>Low demand:</u> 2,0 - 3,0 kg/m <sup>3</sup>  <u>Medium demand:</u> 3,0 - 4,0 kg/m <sup>3</sup>  <u>High demand:</u> 4,0 - 5,0 kg/m <sup>3</sup>
<b>Basacote® Plus 9M</b>	16+8+12 (+2MgO+5S+TE) 	Controlled release fertilizer - 9 months longevity - substrate production, horticultural crops and plant hole fertilization - incl. B, Cu, Fe, Mn, Mo, Zn - 100% polymer-coated  Granule size: 2,5 - 3,5 mm	25 kg  1 Pallet: 42 x 25 kg (1,05 mt)  1 Container: 20 x 1,05 mt (21 mt)	<u>Low demand:</u> 2,5 - 3,5 kg/m <sup>3</sup>  <u>Medium demand:</u> 3,5 - 4,0 kg/m <sup>3</sup>  <u>High demand:</u> 4,5 - 6,0 kg/m <sup>3</sup>
<b>Basacote® Plus 12M</b>	15+8+12 (+2MgO+5S+TE) 	Controlled release fertilizer - 12 months longevity - substrate production, horticultural crops and plant hole fertilization - incl. B, Cu, Fe, Mn, Mo, Zn - 100% polymer-coated  Granule size: 2,5 - 3,5 mm	25 kg  1 Pallet: 42 x 25 kg (1,05 mt)  1 Container: 20 x 1,05 mt (21 mt)	<u>Low demand:</u> 2,5 - 3,5 kg/m <sup>3</sup>  <u>Medium demand:</u> 4,0 - 5,0 kg/m <sup>3</sup>  <u>High demand:</u> 5,0 - 7,0 kg/m <sup>3</sup>

### Further Products:

**Basacote® LR 15+8+12 (+2MgO+5S+TE)**

**Basacote® Plus 6MK 11+9+19 (+2MgO+8S+TE)**

**Basacote® Plus 9MK 11+9+19 (+2MgO+8S+TE)**

**Basacote® Mini 3M 13+6+16 (+2MgO+10S+TE)**

**Basacote® Mini 6M 13+6+16 (+2MgO+10S+TE)**

**Basacote® Tabs 6M 16+8+12 (+2MgO+5S+TE)**

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