

Basatop[®]/Nitrophoska[®] Top

Partly coated Turf Fertilizer



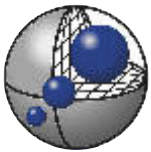
- Immediate and long-term effect
- Fine and even Granules easy to apply



- Constant and even Growth
- Reduction of Burning Risk



- Climate adapted Nutrient Release



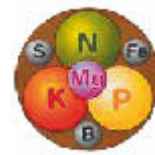
Basatop®/Nitrophoska® Top – How does it work?

- ➔ **Partly coated Fertilizer:**
- coated NPK plus non-coated NPK

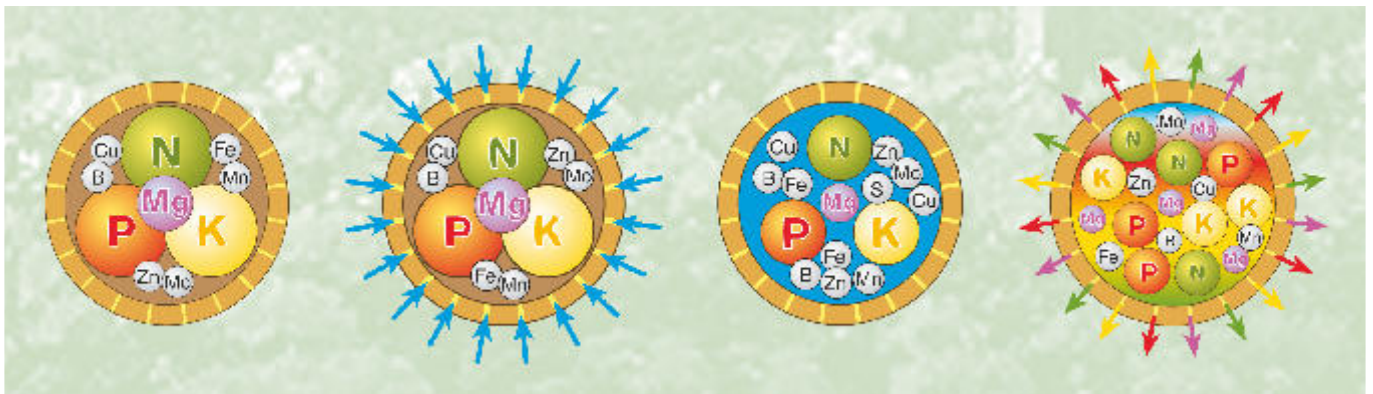


Controlled Release

+



Immediate Release



NPK-granules are partly coated with an elastic polymer.

After application, water enters through the pores.

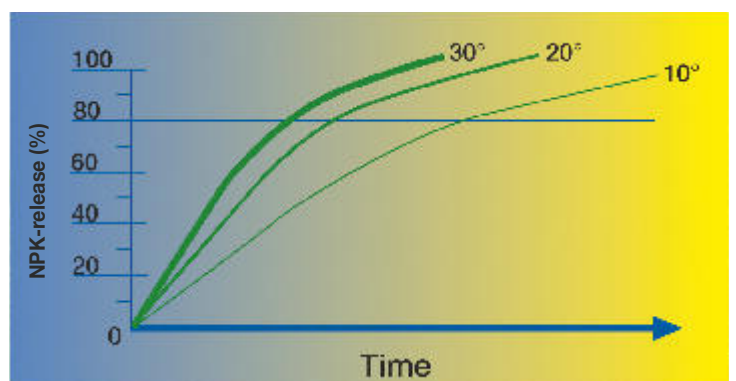
The nutrients are dissolved in water. The result is a concentrated nutrient solution.

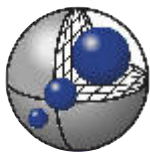
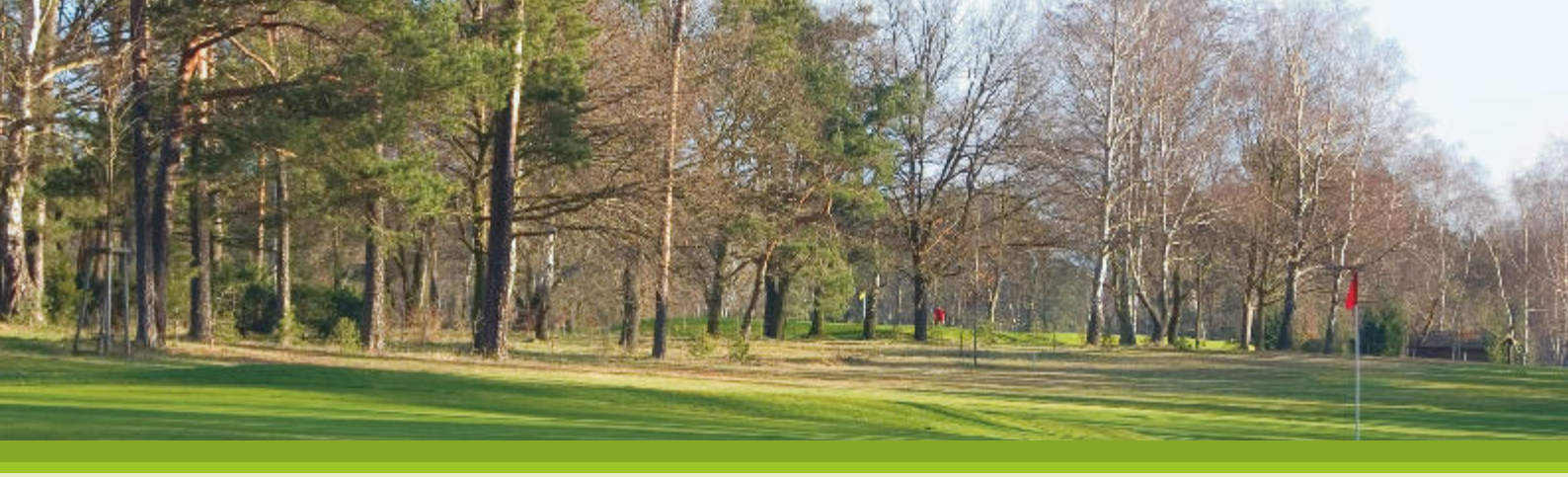
A controlled nutrient release over 3 months.

3 months longevity



Balanced nutrition at all soil temperatures





Basatop[®]/Nitrophoska[®] Top – 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

Release linked (CAR-Technology) to temperature

- Ensures nutrient availability according to the plant requirements

Trace element supply

- All necessary micronutrients (B, Cu*, Fe*, Mn*, Mo, Zn*) are supplied in every granule, placed directly under coating layer
- * = EDTA chelated

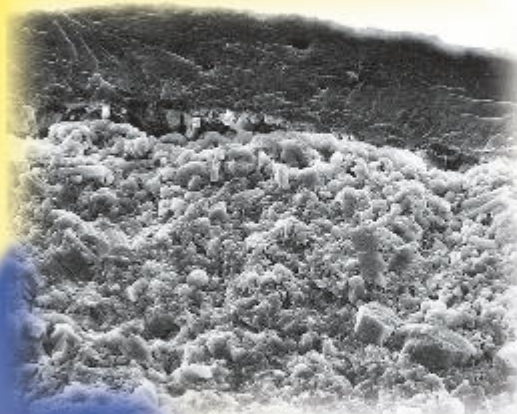
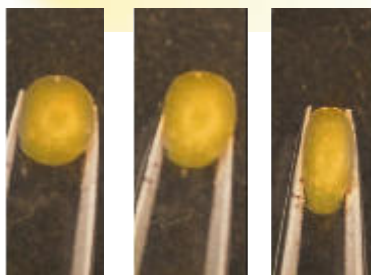
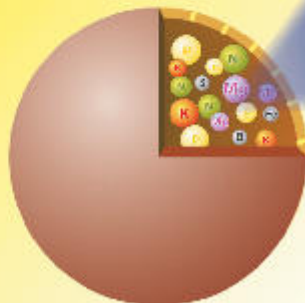


Photo:
Microscopic view (2000x) of
a Basatop[®] granule

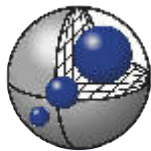


High Elasticity of Coating



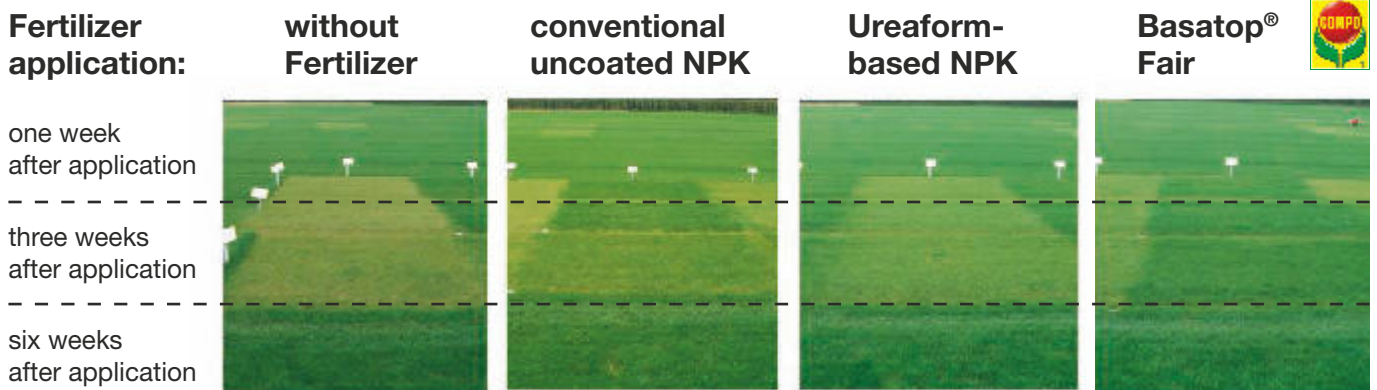
High Application security





Basatop®/Nitrophoska® Top – Trial results

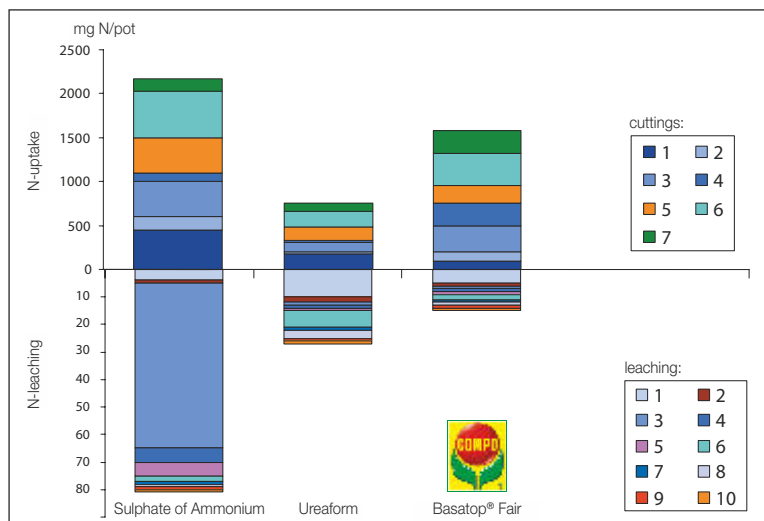
Effect of different N-fertilizers on turf aspect



BASF Limburgerhof, Germany, 26/6/2007

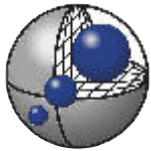
- ⇒ Superior impact of COMPO's partly coated Basatop® Fair. Very dark green aspect without flush growth over more than 6 weeks
- ⇒ Slow release Fertilizer, Ureaform and conventional NPK's showing either overall a lighter turf aspect or a decline in colour after only short time

N-uptake and N-leaching of turf after application of Basatop® Fair in comparison to Ureaform-N (slow release) and Ammonium Sulphate (quick release) (Dressel und Hähndel, 1987)



- ⇒ Basatop® Fair ensures steady and controlled Nutrient Uptake
- ⇒ Environmentally friendly because less leaching

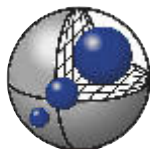
(N-fertil.: 4 x 0,7 g N/pot; Sandconstruction; Aug. 85 – Nov. 1986)






Basatop[®]/Nitrophoska[®] Top – Advantages



- ⇒ Reliable immediate and long-term effect for up to 3 months
- ⇒ Highly flexible Polymer-coating; technology from BASF research
- ⇒ Climate adapted release only depending on temperature and moisture (and not on soil characteristics, pH and micro organisms)
- ⇒ Less risk of scorching
- ⇒ No thatch build-up as known from the application of sulphur-coated Urea
- ⇒ Superior spreading characteristics, no dust
- ⇒ Two different grades available: 2,0 - 4,0 mm and 1,0 - 2,5 mm



Basatop®/Nitrophoska® Top – Partly coated fertilizer for Turf

Product	Composition	Characteristics	Packaging	Use
Basatop® Sport	20+5+10 (+3MgO+5S+TE) 	40% Polymer-coated NPK Compound Turf Fertilizer - Nitrogen Split: 9,5% NO ₃ , 10,5% NH ₄ - incl. 0,02% B, 0,30% Fe, 0,01% Zn - granule size 2-4 mm - for sport fields, fairways, ornamental green, turf > 20 mm height - instant + long term effect over 2-3 months - long term effect depend on moisture and temperature	25 kg bag Pallet size: 40 à 25 kg Container: 20': 20 mt	<u>Application rate:</u> 20 - 40 g/m ²
Basatop® Starter	19+25+5 (+2MgO+2,5S+TE) 	50% Polymer-coated NPK Compound Turf Fertilizer - Nitrogen Split: 4,7% NO ₃ , 14,3 % NH ₄ - incl. 0,01% B, 0,15% Fe, 0,01% Zn - granule size 2-4 mm - for sport fields, fairways, ornamental green, turf > 20 mm height - instant + long term effect over 2-3 months - long term effect depend on moisture and temperature	25 kg bag Pallet size: 40 à 25 kg Container: 20': 20 mt	<u>Application rate:</u> 20 - 40 g/m ²
Basatop® Fair	23+6+10 (+2MgO+5S+TE) 	20% Polymer-coated NPK Compound Turf Fertilizer - only Nitrogen is coated -37% of total N - Nitrogen Split: 6,7% NO ₃ , 7,6 % NH ₄ , 8,7% NH ₂ - incl. 0,02% B, 0,30% Fe, 0,01% Zn - FINE grade 1,0 - 2,5 mm - for fairways turf < 20 mm height - instant + long term effect over 2-3 months - long term effect depend on moisture and temperature	25 kg bag Pallet size: 40 à 25 kg Container: 20': 20 mt	<u>Application rate:</u> 15 - 25 g/m ²
Nitrophoska® Top	15+10+15 (+2MgO+6S+TE) 	30% Polymer-coated NPK Compound Turf Fertilizer - Nitrogen Split: 6,8% NO ₃ , 8,2 % NH ₄ , - incl. 0,02% B, 0,30% Fe, 0,01% Zn - granule size 2-4 mm - for fairways turf < 20 mm height - instant + long term effect over 2-3 months - long term effect depend on moisture and temperature	25 kg bag Pallet size: 40 à 25 kg Container: 20': 20 mt	<u>Application rate:</u> 20 - 40 g/m ²

Further Products:

Basatop® Sport Mini 20+10+5 (+3MgO+5S+TE)

Nitrophoska® Top Espaces mini 12+12+17 (+2MgO+8S+TE)

Nitrophoska® Top Fairway mini 15+10+15 (+2MgO+6S+TE)

Nitrophoska® Top 12 12+5+17 (+5MgO+10S+TE)

Nitrophoska® Top 20 20+5+10 (+3MgO+5S+TE)

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