COMPO EXPERT



EXPERTS

FOR GROWTH

Partly coated Fertilizer

DuraTec[®]

- The new standard in NPK fertilization
- 2NT: Unique Double Nitrogen Technology
- Immediate and long-term effect
- Fine and even Granules easy to apply
- Higher marketable yield and improved Crop Quality
- Improved efficiency and environmentally friendly







What is 2NT?

2NT inside – Unique Nitrogen Technology



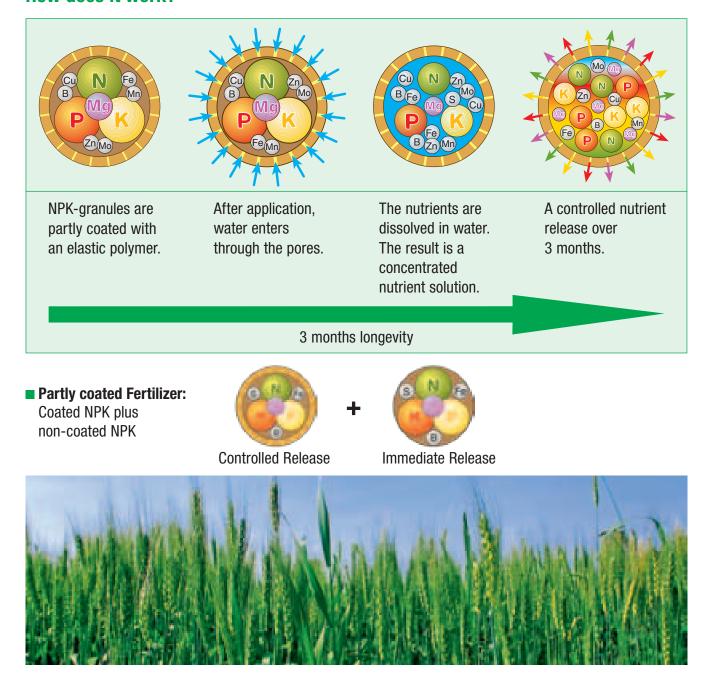


25% of N coated with supply of all nutrients over 3 months



Rest of Ammonium N stabilized with DMPP

How does it work?



COMPO EXPERT



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

Micronutrients (B, Fe, Zn) are supplied in every granule







High Elasticity of Coating



High Application security

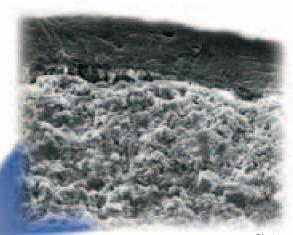
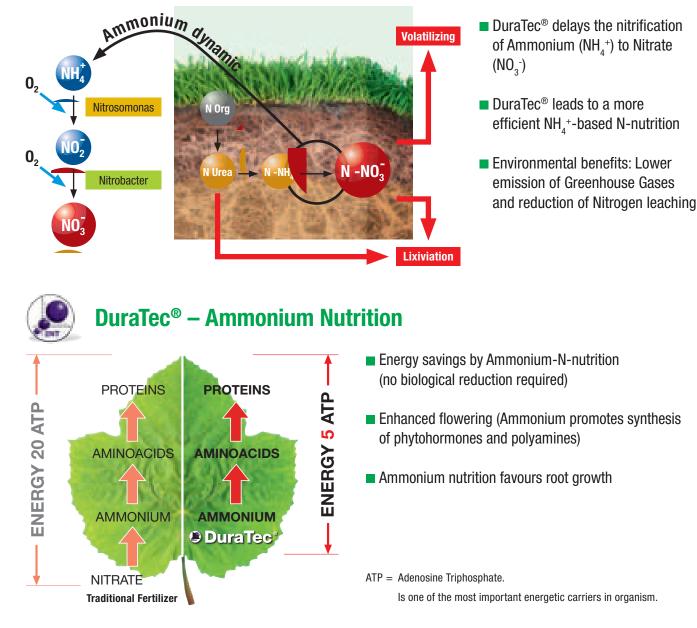


Photo: Microscopic view (2000x) of a DuraTec[®] granule





Ammonium-based fertilization with nitrification inhibitor



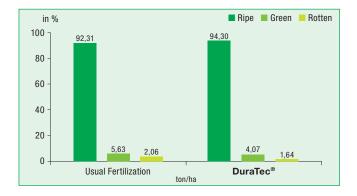




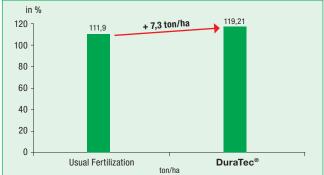
Trial results

Agricultural yield: DuraTec[®] in comparison to conventional fertilization (Industry tomatoes, Brasil, 2010)

Qualitative comparison of productivity



Quantitative comparison of productivity



Yield after 119 days



Usual Fertilization



DuraTec®





Product Portfolio

Product	Composition	Characteristics	Presentation	Use
DuraTec® Top 14	14-7-14 (+3Mg0+9S+TE)	Partly coated NPK-Fertilizer - 25% of total N is coated - Nitrogen Split: 6.0% NO ₃ , 8.0% NH ₄ - incl. 0.02% B, 0.06% Fe, 0.01% Zn - granule size 2-4 mm - for vegetables, fruits and other horticultural and agricultural crops	Bag: 25 kg Pallet size: 42 bags à 25 kg Container: 20': 21 mt	Application rate: 200–1.000 kg/ha
DuraTec® Top 21	21-5-9 (+3Mg0+6S+TE)	Partly coated NPK-Fertilizer - 25% of total N is coated - Nitrogen Split: 10.0% NO ₃ , 11.0% NH ₄ - incl. 0.02% B, 0.25% Fe, 0.015% Zn - granule size 2-4 mm - for vegetables, fruits and other horticultural and agricultural crops	Bag: 25 kg Pallet size: 42 bags à 25 kg Container: 20': 21 mt	Application rate: 200–1.000 kg/ha
DuraTec® Top 24	24-5-5 (+3Mg0+5S+TE)	Partly coated NPK-Fertilizer - 25% of total N is coated - Nitrogen Split: 11.0% NO ₃ , 13.0% NH ₄ - incl. 0.02% B, 0.06% Fe, 0.01% Zn - granule size 2-4 mm - for vegetables, fruits and other horticultural and agricultural crops	Bag: 25 kg Pallet size: 42 bags à 25 kg Container: 40': 21 mt	Application rate: 200–750 kg/ha



Folder partly coated fertilizer

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