Efficiency enhanced fertilizers that improve nitrogen uptake and preserve environment
Fertilizers with Nitrification Inhibitor

What is DeltaLent™ technology?

- **Problem**: Nitrate ($\text{NO}_3^-$) is prone to leaching in soil.
- **Solution**: DeltaLent™ delays the conversion of ammonium ($\text{NH}_4^+$) to nitrate ($\text{NO}_3^-$).
- Stabilizes Ammonium Nitrogen: reduced nitrogen losses in nitrate.
- More available nitrogen to plant.
- Less nitrate accumulation in plants.
- Improves crop quality by balancing ammonium and nitrate nutrition.
- Leads to a more energy efficient $\text{NH}_4^+$ based N-nutrition.
- Less fertilizer applications: “feed and forget”.
- Environmental benefits: lower greenhouse gases and nitrogen leaching.

NPK compound fertilizer (SOP based) with Nitrification Inhibitor for chloride sensitive crops (fruits, wine, vegetables, tobacco etc.)

- Free of chlorine:
- No risk of burning:
- Reduced water stress:
- Contains Sulfur:
- Complete range:
  - 12-12-17 +2+TE
  - 15-5-20 +2+TE
  - 15-15-15 +2+TE
  - 20-10-10 +2+TE
  - Others upon request

NPK compound fertilizer (MOP based) with Nitrification Inhibitor for cereals, corn, oil palms.

- Complete range:
  - 15-15-15+2+TE
  - 12-12-17+2+TE
  - 12-7-26+2+TE
  - 20-10-10+2+TE
  - Others upon request

N, NP, NK, NPK water soluble fertilizer with Nitrification Inhibitor for fertigation:

- Complete range:
  - 21-0-0, 12-0-34
  - 18-18-18 (SOP)+1+TE
  - 20-5-10 (SOP)+2+TE
  - 13-33-13 (SOP)+2+TE
  - many more…
Enhanced Nitrogen uptake with formulated Nitrification Inhibitors Solutions

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**Benefits of DeltaLent™**

- **Ammonium ($\text{NH}_4^+$) Nutrition**
  - Energy savings by Ammonium-N-nutrition (no biological reduction of nitrate required).
  - Enhanced flowering (ammonium promotes synthesis of phytohormones and polyamines).
  - Ammonium nutrition favours root growth.
  - Ammonium based nutrition can help to reduce nitrate levels in fresh produce.
  - Use of DeltaLent™ results in deeper green colouring in leafy salads and vegetables.