



Inhibited Fertilizer Series

CEON GLOBAL



Venagro N-TECH 21

Innovation in Nitrogen Efficiency

CEON GLOBAL

Venagro N-TECH 21

- Venagro N-TECH 21 is a next-generation solid fertilizer that supplies plants with 21% ammonium nitrogen.
- It is enhanced with DMPP (3,4-Dimethylpyrazole phosphate), a nitrification inhibitor that significantly reduces nitrogen loss.
- Developed to optimize nitrogen use efficiency and provide plants with long-lasting nutrition.





Technical Specifications

- **GUARANTEED CONTENT (W/W)**
- **Total Nitrogen: 21%**
- **Ammonium Nitrogen (DMPP Inhibitor): 21%**
- **Ammonium Inhibitor: 0.8%**
- **Active Ingredient: DMPP (Nitrification Inhibitor)**
- **Effect Duration:** Up to 6–10 weeks in soil depending on temperature and moisture
- **Application Method:** Soil application during planting or early stages



Key Benefits

- Reduces nitrogen loss through leaching and volatilization, improving fertilizer efficiency.
- Maintains nitrogen in ammonium form longer, increasing root zone availability.
- Ensures a steady nitrogen supply throughout critical growth stages.
- Enhances both yield and product quality.
- Supports sustainable agriculture with environmentally safe formulation.

Recommended Use

- Ideal for use in field crops such as wheat, corn, and barley.
- Suitable for vegetables (tomato, cucumber), fruit trees (apple, citrus), and industrial crops.
- Best applied before planting or during early vegetative growth.
- Compatible with conventional and precision agriculture systems.







Venagro N-46

Maximum Nitrogen Efficiency with NBPT

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Venagro N-46

- Venagro N-46 is a high-concentration nitrogen fertilizer containing 46% urea nitrogen.
- Treated with NBPT (N-(n-butyl) thiophosphoric triamide), a urease inhibitor that minimizes nitrogen losses.
- Designed to ensure nitrogen remains available to plants longer, even in dry or sandy soils.





Technical Specifications

- **GUARANTEED CONTENT (W/W)**
- **Total Urea Nitrogen NBPT Inhibitor: 46%**
- **NBPT Inhibitor: 0.06%**
- **Inhibitor: NBPT (Urease Inhibitor)**
- **Effect Duration:** Up to 6–10 weeks in soil depending on temperature and moisture
- **Application Method:** Surface spread or incorporated into soil



Key Benefits

- Delays the conversion of urea into ammonium carbonate, reducing ammonia volatilization.
- Allows more nitrogen to be absorbed by the plant, increasing use efficiency.
- Particularly useful in hot, dry climates where volatilization is high.
- Improves crop yields while reducing fertilizer frequency.
- Contributes to environmental protection by minimizing air pollution from nitrogen losses.

Recommended Use

- Best suited for large-scale cereal production, oilseeds, and industrial crops.
- Apply during main nitrogen demand periods (tillering, flowering).
- Suitable for use with centrifugal spreaders, planters, or manually.







Venagro N-21

Precision Nitrogen for Productive Fields

CEON GLOBAL

Venagro N-21

- Venagro N-21 is a high-purity ammonium sulfate fertilizer containing 21% nitrogen in ammonium form.
- It enhances nitrogen uptake, particularly in alkaline soils, by acidifying the rhizosphere.
- Improves the availability of phosphorus, iron, zinc, and other micronutrients.





Technical Specifications

- **GUARANTEED CONTENT (W/W)**
- **Amonyum Azotu DCD İnhibitörü: %21** (as Ammonium Nitrogen)
- **DCD İnhibitörü: %0,6**
- **pH Effect:** Lowers pH in the root zone,
improving nutrient solubility
- **Application Method:** Soil application during planting or early
stages



Key Benefits

- Efficient nitrogen source with low volatility and quick root uptake.
- Particularly beneficial in calcareous and alkaline soils.
- Increases root biomass and chlorophyll production.
- Provides balanced nutrition when combined with phosphorus and potassium fertilizers.
- Cost-effective for both open field and greenhouse crops.



Recommended Use

- Use in vegetables (onion, potato), maize, sugar beet, legumes, and orchards.
- Suitable for pre-plant or side dressing applications.
- Can be blended with other fertilizers or used as part of a fertilization program.





Growing Smarter with Ceon



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