UAN

Urea
Ammonium
Nitrate

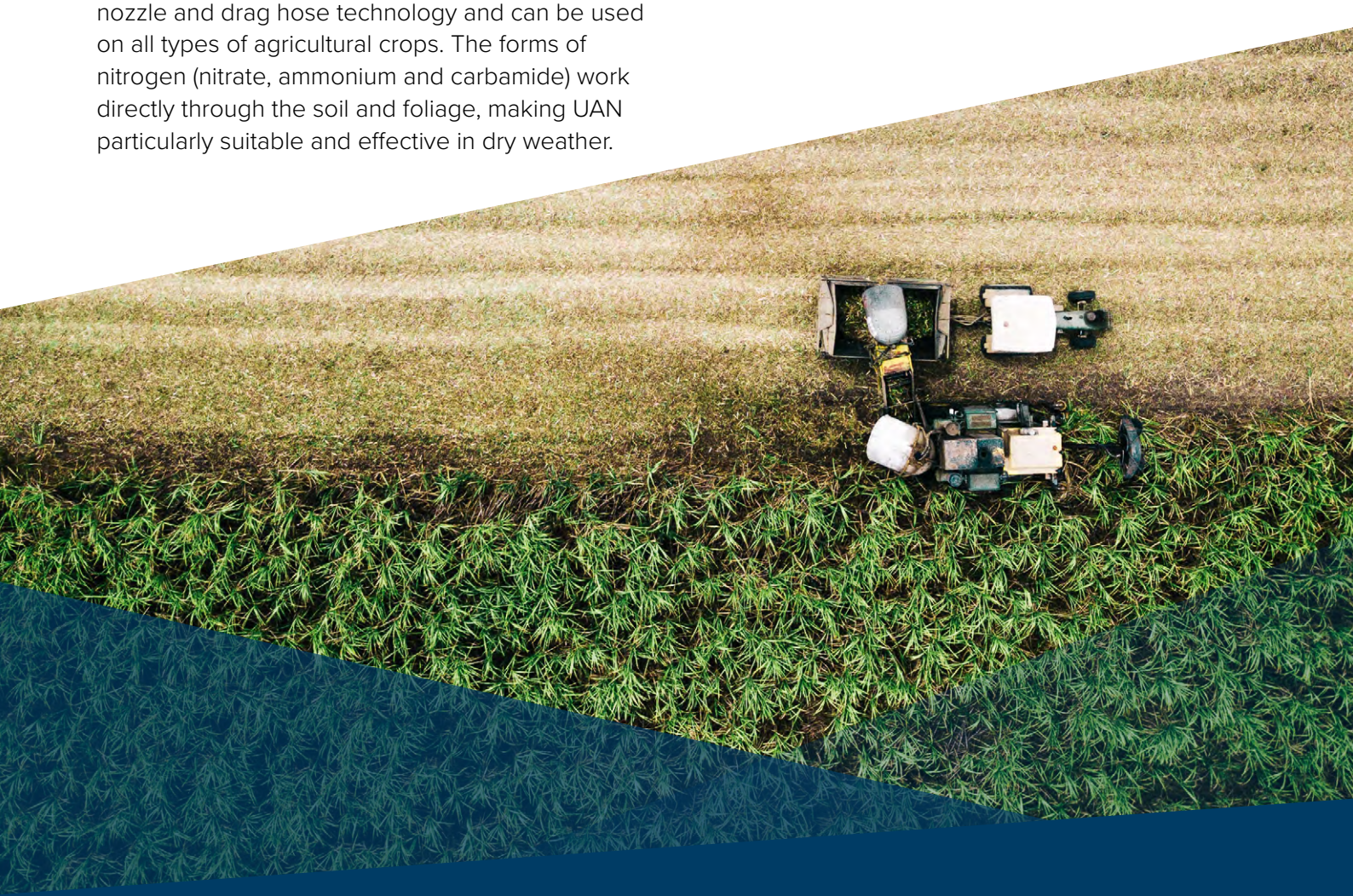
For targeted applications

Properties

Urea ammonium nitrate solution (UAN) is a liquid nitrogen fertilizer containing 28–32% of nitrogen. It is produced by mixing water solutions of urea and ammonium nitrate with neutralization of free ammonia and inhibition of the end product to protect the carbon steel equipment. UAN contains practically no free ammonia; this fact excludes nitrogen loss in loading, transportation, storage and application in soil. UAN is applied through normal crop protection sprayers with appropriate nozzle and drag hose technology and can be used on all types of agricultural crops. The forms of nitrogen (nitrate, ammonium and carbamide) work directly through the soil and foliage, making UAN particularly suitable and effective in dry weather.

Key benefits

- Consistently high surface tension for good crop tolerance
- Low biuret content
- Can be combined with many phytosanitary measures and micro-nutrients
- Precise and uniform surface distribution of nitrogen even in large working areas
- Contains corrosion inhibitors to protect the dispensing devices



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Cereals | Oilseed Crops | Corn | Root Vegetables | Vegetables | Grassland | Legumes

Technical data

Total nitrogen (N)	32.0%*
Nitrate	8.0%
Ammonium	8.0%
Carbamide	16.0%
Alkalinity in terms of free ammonia	0.02–0.1%
Content of inhibitor, min	0.01%
Type of inhibitor	Novocor and/or Corblok

* depending on market requirements the N content can vary from 28.0 to 32.0%

Application

1–3 times within the growing season. Application rates must meet the crop requirements.
The nutrient content of the soil must also be considered to avoid over-application.
The recommendations of the official advisory service should be followed.

Packaging, handling and transportation

We offer several packaging and transportation options to ensure a safe and efficient delivery process. Please contact our local team to learn about the options available to you.

Production facilities

- Nevinnomysskiy Azot, Russia
- Novomoskovskiy Azot, Russia

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Contact our local team to get an advice

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