PORTFOLIO
Fertilizer

The Fertilizer Experts.
EuroChem Agro belongs to the EuroChem Group, a leading global agrochemicals enterprise based in Moscow, Russia.

Our fertilizers for field crops, horticulture, fruit farming, and viticulture deliver the full gamut of important nutrients. And now that we have rounded out our extensive portfolio by adding the basic fertilizers urea, urea ammonium nitrate solution (UAN), monoammonium phosphate (MAP), and diammonium phosphate (DAP), our customers can take advantage of a complete range of fertilizers from one source.

From classic basic fertilizers to our Nitrophoska® complex fertilizers and on to the innovative high-end products of our ENTEC® series, we have the right solution for every application. We produce all of our fertilizers while complying with extremely strict quality standards and using only the very best raw materials.

We possess a strong worldwide sales network with companies and carefully selected distributors in all important markets. Our commitment is to being a reliable long-term partner to our customers and suppliers, offering personal support, extensive expertise, and custom-tailored solutions. We make a major contribution to boosting yields and improving the nutritional situation of the world’s steadily growing population. The wellbeing of people and the environment is especially close to our hearts, and activities throughout our company are geared to ensuring it. At EuroChem Agro GmbH, we also take full advantage of the resources and synergies available to us as part of the international EuroChem Group.

The EuroChem Group is a vertically integrated enterprise with activities ranging from mining and natural gas extraction across fertilizer production all the way to logistics, sales, and marketing. From its headquarters in Moscow, it operates production facilities in Russia and Western Europe and employs more than 20,000 persons worldwide.
Ammonium nitrogen and nitrate nitrogen are of particular importance in achieving a balanced supply of nitrogen. In principle, plants can use both forms of nitrogen. However, as far as their effect is concerned, the two forms of nitrogen differ: ammonium nitrogen is less mobile in the soil as a nitrate. Within the soil, it binds to the surfaces of clay and topsoil particles. As a result of this binding, ammonium-N only shifts a little in the soil. The plant roots therefore have to grow onto the ammonium before it can be absorbed in the immediate root area. Ammonium nitrogen therefore works more slowly in the soil than nitrate nitrogen. Nitrate is mobile in the soil and, with the soil solution, easily reaches the plant roots. As a result of this high level of mobility, the possibility also exists to shift into deeper layers of soil. This is particularly the case with light, skeleton-rich soils, large amounts of rainfall (including irrigation) or crops whose roots develop slowly or which have poor root systems.

The transformation of nitrogen fertilizers to the actual needs of plants is a key success factor for yields and quality. With ENTEC® fertilizers, the transformation of ammonium nitrogen into nitrate is delayed. The release of nitrogen is thus adapted to the plant’s needs making the fertilizer functions more efficient.

Properties

ENTEC® fertilizers are nitrogenous mineral fertilizers containing the ammonium stabilizer DMPP. DMPP slows down the nitrification process and therefore the ammonium nitrogen in the fertilizer is stabilized in the soil. In addition to the stabilized ammonium nitrogen, the proportion of nitrate in ENTEC® allows the fertilizer to start working quickly. This means that the plant can absorb both types of nitrogen simultaneously over a relatively long period and this increases the efficiency of the nitrogen fertilizer once it has been applied. ENTEC® fertilizers are available in the form of nitrogen-sulphur fertilizers and as complex fertilizers on the basis of Nitrophos®/Nitrophoska®. All ENTEC® products are characterised by the high quality of their granules, which guarantee problem-free storage and precise application.

The advantages at a glance

- Better nitrogen efficiency through adapted nutrient delivery
- Additional nitrate content for rapid effect after application
- Reduced nitrogen leaching losses
- Secure supply of nitrogen regardless of the weather
- Economic benefits by bringing the nitrogen application earlier together
- Saves work and costs thanks to reduced number of fertilizer application times
- Reduces the emission of nitrous greenhouse gases, especially of N₂O

Absorption of nitrate nitrogen and ammonium nitrogen

Ammonium nitrogen is nearly immobile in the soil. Nitrate nitrogen is always dissolved in the water in the soil and is carried to the roots passively. Nitrate therefore takes effect quickly. High rainfall can leach the nitrate out of the rooting zone.

Nitrogen is subject to constant transformation and shifting processes in the soil. The optimal adaptation of nitrogen fertilizers to the actual needs of plants is a key success factor for yields and quality. With ENTEC® fertilizers, the transformation of ammonium nitrogen into nitrate is delayed. The release of nitrogen is thus adapted to the plant’s needs making the fertilizer functions more efficient.
ENTEC® – THE AMMONIUM STABILIZER DMPP

In the soil, ammonium is transformed by bacteria via nitrite into nitrate. This transformation (nitrification) may take hours or days, depending on the properties of the soil and the temperature. Therefore, regardless of the form of nitrogen applied as a fertilizer, it is almost exclusively nitrate that reaches the plant root. This rapid transformation is slowed down through the use of an ammonium stabilizer.

An ammonium stabilizer is a substance that delays nitrification. With ENTEC®, nitrification is prolonged by up to ten weeks. The transformation into nitrate is continuous and depends on temperature, it is thus automatically adapted to the growth of the plant. During this period, the nitrogen is protected from shifting or leaching and from gaseous losses.

ENTEC® – DELAYED NITRATE SUPPLY WITH DMPP

(Tests by BASF, Limburgerhof agricultural research centre, 120 kg N/ha)

APPLICATION

The unique way in which ENTEC® products work makes it possible to schedule the application of nitrogen fertilizer flexibly. On the one hand, the joint application of N doses constitutes a great economic benefit and is therefore attractive to many farms. ENTEC® products also ensure an optimal supply of nitrogen in all weather conditions (e.g. during wet or dry periods) by bringing fertilizer application deadlines earlier together.

ENTECC® offers all these benefits for all agricultural and vegetable crops as well as in the cultivation of grapes and fruit. The comprehensive ENTEC® product range offers the right solution for all types of farms and is easily integrated into existing fertilizer systems.

ENTEC® – THE AMMONIUM STABILIZER DMPP

EFFECT OF ENTEC® ON NITRIFICATION

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UTEC® – THE SUCCESSFUL FORMULA FOR GREATER YIELDS

PROPERTIES
Urea is one of the most widely used synthetic nitrogen-containing fertilizers, owing to its high nutrient content and ease of use. However, its chemical properties can result in nitrogen loss after application, the extent of which can vary depending on soil and climatic conditions and can reach up to 60% of applied nitrogen. These losses occur during breakdown of the urea in the soil, with the formation and release into the atmosphere of gaseous ammonia (NH₃). This process, called urea hydrolysis, is catalyzed in moist soil by the enzyme urease (see Figures 1a) and 1b) for a detailed explanation), which is produced by plants and soil bacteria. UTEC® is a liquid formulation which contains the urease inhibitor NBPT. UTEC® temporarily blocks the conversion of urea into ammonium, which very effectively reduces nitrogen losses in the form of gaseous ammonia.

Under what conditions does UTEC® work best?
- In dry, warm weather
- When there is low precipitation and irrigation
- In soils with a high pH value
- In soils with a low buffer capacity
- In soils with high organic content
- No-till agriculture
- On surface applied urea fertilizer

APPLICATION
UTEC® is a ready-to-use solution and can be poured directly into canisters. It is sprayed directly onto the urea using nozzles and then mixed for several minutes or until it has taken on a uniform yellow color. Conventional blending systems are suitable for this.

TRIAL RESULTS

<table>
<thead>
<tr>
<th>Country</th>
<th>Year</th>
<th>Crop</th>
<th>No. trials</th>
<th>ø yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spain/Portugal</td>
<td>2012-2013</td>
<td>Wheat</td>
<td>5</td>
<td>+5.6%</td>
</tr>
<tr>
<td>France</td>
<td>2012-2013</td>
<td>Corn</td>
<td>4</td>
<td>+4.4%</td>
</tr>
<tr>
<td>France/Germany</td>
<td>2012</td>
<td>Pasture</td>
<td>6</td>
<td>+4.3%</td>
</tr>
<tr>
<td>Italy</td>
<td>2012-2013</td>
<td>Rice</td>
<td>2</td>
<td>+5.3%</td>
</tr>
<tr>
<td>Spain</td>
<td>2012-2013</td>
<td>Corn</td>
<td>3</td>
<td>+6.2%</td>
</tr>
<tr>
<td>Brazil</td>
<td>2007-2009</td>
<td>Wheat</td>
<td>5</td>
<td>+5.4%</td>
</tr>
<tr>
<td>Brazil</td>
<td>2009</td>
<td>Cotton</td>
<td>2</td>
<td>+7.9%</td>
</tr>
<tr>
<td>India</td>
<td>2009</td>
<td>Rice</td>
<td>2</td>
<td>+8.9%</td>
</tr>
<tr>
<td>China</td>
<td>2009</td>
<td>Corn</td>
<td>19</td>
<td>+8.3%</td>
</tr>
<tr>
<td>Turkey</td>
<td>2012</td>
<td>Corn</td>
<td>2</td>
<td>+6.7%</td>
</tr>
<tr>
<td>Turkey</td>
<td>2012</td>
<td>Wheat</td>
<td>2</td>
<td>+6.2%</td>
</tr>
</tbody>
</table>

EFFECT
We have carried out more than 150 trials using UTEC® stabilized urea around the world. Across all of the tested crops, average yields were over 6% greater than when fertilizing with conventional urea.

THE ADVANTAGES AT A GLANCE
- Greater yields
- Easy to apply, highly stable
- Offsets negative environmental factors

1A) CONVERSION OF UREA WITHOUT UTEC®

Urea is converted into plant-available ammonium. In the process, gaseous ammonia is also created and escapes into the atmosphere.

1B) CONVERSION OF UREA WITH UTEC®

UTEC®, a urease inhibitor, delays the conversion of urea into ammonium and ammonia. This reduces nitrogen losses and promotes plant development – and increases your yields!
Nitrophoska® – ALL NUTRIENTS IN ONE GRANULE

High crop yields and a good-quality harvest mainly depend on balanced plant nutrition adjusted to fit their needs. To supply plants optimally with all the nutrients they require, it is necessary to know the specific needs of different crops and take them into consideration. The conception of our Nitrophoska® formulations is the result of knowledge, experience, and many years of research and development by the BASF Limburgerhof agricultural research center. Nitrophoska® guarantees balanced plant nutrition that is adjusted specifically to the particular plant. Nitrophoska® contains up to five main nutrients in a form that is immediately available to the plant. This guarantees an optimal supply of nutrients, even during critical phases of growth.

PROPERTIES
The products from the Nitrophoska® line provide for high-quality complete plant nutrition with all important nutrients necessary for healthy plant growth. The nutrient formulas are adjusted precisely to the requirements of different crops, crop rotations and cultivation systems. Not only the right nutrient ratio, but also the specific forms of the nutrients are of decisive importance for positive plant development.

EFFECT
In the direct vicinity of the Nitrophoska® fertilizer granules, a dense network of roots develops, which can absorb all nutrients in balanced quantities. The young plants are optimally supplied and their root growth stimulated. The simultaneous availability of all nutrients has a positive effect on plant development and increases the efficiency of the nitrogen. This explains the enormously positive effect that Nitrophoska® fertilizers have on yields.

THE NUTRIENTS IN NITROPHOSKA®

Nitrogen is present 30% to 50% as nitrate nitrogen and approx. 50% to 70% as ammonium nitrogen. Comparable with CAN, the nitrate in Nitrophoska® starts working quickly and the ammonium has a lasting effect. Ammonia volatilisation losses, which occur for example, in urea, are largely prevented.

Phosphorus is completely plant available and present 60% to 80% in water-soluble form. This water-soluble part ensures that young plants have a rapid start when it comes to spring growth. The remainder of the phosphate is soluble in ammonium citrate and is available during later growth periods.

Potash is present in a water-soluble chloride and/or sulphate form that is available to plants. The potash supply resulting from an application together with nitrogen and phosphate will improve nitrogen efficiency.

Magnesium is present 80% in water-soluble form. This ensures that the plant’s current needs are met and, if the soil is well supplied with magnesium, makes a contribute to the maintenance application.

Sulphur is present in a moderately soluble sulphate form that is therefore quickly available to the plant. The current sulphur requirement is covered and N-efficiency is improved.
NITROPHOSKA® S – FOR SPECIAL CROPS

PROPERTIES
Specific forms of nutrients are of decisive importance for healthy plant development. Chlorine plays a very special role here. We distinguish between plants that are partially tolerant to chloride, such as all types of beets, celeriac and mangold, and chloride-sensitive plants like many species of fruit and vegetables, special crops, grapes and tobacco. The formulas from the Nitrophoska® S product line are the right choice for these crops. This product line is low in chloride, having a chloride content of less than 2%. Potash is present in these products as potassium sulphate.

EFFECT
Thanks to the low chloride content, chlorine-related losses in growth and quality are prevented. Particularly regarding vegetables and the cultivation of fruit and grapes, it must be ensured that chlorine does not reach the plants. Damage through build-up in the case of fine seed stores is prevented by a low salt concentration. Furthermore, applying Nitrophoska® S fertilizers for vegetables and fruit improves the flavour of the harvest by promoting organic acids that affect the taste of crops. Nitrophoska® S ensures higher crop yields, better quality and a secure harvest.

APPLICATION
Nitrophoska® S products are ideal for providing balanced nutrition to special and intensive crops. The nutrient ratios and formulas are adjusted to the specific needs of these crops. Nitrophoska® S is suitable for all chloride-sensitive crops as well as for soils with a high electric conductivity or soils with a high salt concentration.

THE ADVANTAGES AT A GLANCE
- Improvement in valuable substances such as sugar, starch and protein
- Increased sugar content in fruit and grapes
- Improvement in flavour and quality
- Increased starch content for potatoes
- Improvement in the storage characteristics of the harvest since less water collects in the plant tissue

EFFECT OF THE FORM OF POTASSIUM IN NITROPHOSK A® S ON CROP YIELDS
(BASF, Limburgerhof agricultural research centre)

<table>
<thead>
<tr>
<th>Product (example)</th>
<th>Yield in kg/ha Cucumber outdoor</th>
<th>Yield in kg/ha Tomato outdoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrophoska® special 12+12+17(+2+8)</td>
<td>+ 5% 266</td>
<td>+ 3% 274</td>
</tr>
<tr>
<td>Nitrophoska® perfect 15+5+20(+2+8)</td>
<td>+ 3% 261</td>
<td>+ 3% 275</td>
</tr>
</tbody>
</table>

Products (examples)

<table>
<thead>
<tr>
<th>Products (examples)</th>
<th>Nitrogen (N)</th>
<th>Phosphate (P₂O₅)</th>
<th>Potassium oxide (K₂O)</th>
<th>Magnesium oxide (MgO)</th>
<th>Sulphur (S)</th>
<th>Boron (B)</th>
<th>Zinc (Zn)</th>
<th>Iron (Fe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrophoska® special 12+12+17(+2+8)</td>
<td>12%</td>
<td>12%</td>
<td>17%</td>
<td>2%</td>
<td>8%</td>
<td>0.02%</td>
<td>0.01%</td>
<td>–</td>
</tr>
<tr>
<td>Nitrophoska® perfect 15+5+20(+2+8)</td>
<td>15%</td>
<td>5%</td>
<td>20%</td>
<td>2%</td>
<td>8%</td>
<td>0.02%</td>
<td>0.01%</td>
<td>–</td>
</tr>
<tr>
<td>Nitrophoska® super 20+5+10(+3+5)</td>
<td>20%</td>
<td>5%</td>
<td>10%</td>
<td>3%</td>
<td>5%</td>
<td>–</td>
<td>0.1%</td>
<td>0.3%</td>
</tr>
</tbody>
</table>
PROPERTIES
Our nutrient formulas are designed precisely to the needs of different crops, crop rotations and cultivation systems. The user can select precisely the product that he needs for his crop from the range of different Nitrophoska® formulas. The influence of supply on soil can thus be taken into consideration and the use of organic fertilizers can be adjusted to current fertilizer recommendations. A complete supply of nutrients to crops is thus ensured.

APPLICATION
The quantity of Nitrophoska® to be applied is based on the extent to which nitrogen is used as a fertilizer. The specific need for phosphate and potash can be met by selecting the appropriate formula. Most Nitrophoska® formulas also contain the secondary nutrients sulphur and magnesium, so that these needs are also covered.

THE ADVANTAGES AT A GLANCE
- A combination of nutrients precisely adjusted to the needs of the crop
- Complete nutrient supply for the crops
- Efficient and rapidly effective forms of nutrients
- Minimal nutrient losses
- Excellent granulation with all nutrients combined in each granule
- Lower work input
- Excellent storage and spreading properties with working widths of over 40 m (90% of the granules are between 2 and 5 mm)

BALANCED SUPPLY OF NUTRIENTS FOR HIGHER YIELDS
Long-term fertilizer trials: 12 tests in 7 years

<table>
<thead>
<tr>
<th>Season</th>
<th>CAN</th>
<th>CAN</th>
<th>Nitrophoska®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autumn</td>
<td>without PK</td>
<td>PK swing fertilization</td>
<td></td>
</tr>
</tbody>
</table>
AMMONIUM SULPHATE NITRATE – THE RELIABLE ORIGINAL

PROPERTIES

Ammonium Sulphate Nitrate (ASN) and ASN boron are granulated mineral fertilizers for ensuring that all crops have a steady supply of nitrogen and sulphur. Nitrogen is present in the combination as nitrate for immediate and ammonium for lasting effect. One N-application provides sufficient sulphur until harvest time for most crops. Targeted supply of sulphur for optimal yields of high quality. Reduction in residual nitrogen after harvest. Excellent storage and spreading properties. Secure alternative to AN because it is classified as non-hazardous.

THE ADVANTAGES AT A GLANCE

- Nitrogen is present in the combination as nitrate for immediate and ammonium for lasting effect
- One N-application provides sufficient sulphur until harvest time for most crops
- Targeted supply of sulphur for optimal yields of high quality
- Reduction in residual nitrogen after harvest
- Excellent storage and spreading properties
- Secure alternative to AN because it is classified as non-hazardous

APPLICATION

ASN is well suited as a raw material for producing complex fertilizers and is highly valued by our industrial customers in Europe as a combined source of nitrogen and sulphur. Outside Europe, ASN is also used directly – mainly through manual spreading – in numerous crops that require sulphur.

AMMONIUM SULPHATE NITRATE (ASN)

26% N Total nitrogen
7% nitrate nitrogen
19% ammonium nitrogen
13% S Sulphur, fully water-soluble

AMMONIUM SULPHATE NITRATE (ASN BORON)

additionally with 0.3% Boron

AMMONIUM SULPHATE NITRATE – FOR UNIVERSAL USE

EFFECT

Ammonium Sulphate (AS) contains 21% nitrogen as ammonium nitrogen and 24% sulphur in the form of water-soluble sulphate. The sulphur component is therefore immediately available to plants. The acidifying effect of AS also stimulates the availability of nutrients in the soil, particularly of phosphate and micro-nutrients such as boron, copper, iron, magnesium and zinc. The ammonium nitrogen contained in AS has a sustainable effect. Gaseous losses and potential losses of nitrogen being washed away are reduced.

APPLICATION

AS is well suited as a raw material for producing complex fertilizers and is highly valued by our industrial customers in Europe as a combined source of nitrogen and sulphur. Outside Europe, AS is also used directly – mainly through manual spreading – in numerous crops that require sulphur.

AMMONIUM SULPHATE 21(+24)

21% N Total nitrogen
21% ammonium nitrogen
24% S Sulphur, fully water-soluble
**MONOAMMONIUM PHOSPHATE**

**PROPERTIES**
Monoammonium phosphate (MAP) is a granular nitrogen-phosphate fertilizer. The phosphate is well soluble in water, and the nitrogen content is in ammonium form. MAP is an effective universal fertilizer which can be used for all types of crop and all kinds of soil. However, MAP is particularly suitable as an under-root fertilizer in crops with a high P requirement (e.g. corn). Through the high ammonium content, the phosphate intake is promoted during under-root fertilization.

**THE ADVANTAGES AT A GLANCE**
- Good transport and storage qualities: non-hygroscopic, non-dust-forming, does not tend to cake
- Good spreading behaviour thanks to a balanced range of granule sizes
- Also suitable for fertilizer mixes thanks to excellent granular properties

**DI-AMMONIUM PHOSPHATE**

**PROPERTIES**
Di-ammonium phosphate (DAP) is a light brown, granular nitrogen-phosphate fertilizer. The phosphate is well soluble in water, and the nitrogen content is in ammonium form. DAP can be used for all types of crop and all kinds of soil and should be spread during nitrogen fertilization in the spring or autumn. P availability is ensured for crop rotation at the same time as nitrate fertilisation.

**THE ADVANTAGES AT A GLANCE**
- High quality, contains 100% fully water-soluble, highly concentrated phosphate
- Good transport and storage qualities: non-hygroscopic, non-dust-forming, does not tend to cake
- Good spreading behaviour thanks to a balanced range of granule sizes
- Also suitable for fertilizer mixes thanks to excellent granular properties

**MONOAMMONIUM PHOSPHATE**
- 12% N
- Total nitrogen
- 52% P₂O₅
- Total phosphate, fully water-soluble

**DI-AMMONIUM PHOSPHATE**
- 18% N
- Total nitrogen
- 46% P₂O₅
- Total phosphate, fully water-soluble
CALCIUM AMMONIUM NITRATE – THE HIGH-EFFICIENCY NITROGEN FERTILIZER

In professional plant cultivation, the efficient supply of plants with nutrients, with a low level of loss, is of great importance. This applies primarily to nitrogen, which has a direct influence on yield development. Thanks to nitrogen’s special properties, nutrient supply adjusted to the needs of the plant is very important. A nitrogen fertilizer for professional use is characterised by a certain level of effectiveness and efficiency.

PROPERTIES
Calcium Ammonium Nitrate (CAN), the granulated nitrogen fertilizer, guarantees the secure supply of plants with nitrogen. The combination of ammonium nitrogen and nitrate nitrogen makes CAN an all-rounder for all fertilizer measures. The excellent granulation and specific surface treatment guarantee optimal storage, and it has very good spreading properties with working widths of over 40 m.

EFFECT
The composition of fast-working nitrate nitrogen and lasting ammonium nitrogen is optimal for providing all crops with targeted nutrition. The nitrogen is absorbed directly by the plant and nutrient losses are almost eliminated. This increases yields in comparison to fertilizers containing urea. Furthermore, with its CaO component, CAN preserves the lime content of the soil.

APPLICATION
CAN can be applied universally and is suitable for all crops, fertilizer measures, soils and locations. The main components nitrate and ammonium are present in an ideal ratio and make CAN a flexible universal fertilizer for healthy plant growth in agriculture and horticulture.

THE ADVANTAGES AT A GLANCE
» A combination of nutrients precisely adjusted to the needs of the crop
» Nitrate nitrogen for immediate and ammonium nitrogen for lasting supply
» Reduces the need for lime
» Granulated in well-proven quality for secure storage
» Balanced range of granule sizes and high specific weight for secure, even distribution up to large spreading widths of over 40 m
» Targeted crop management through split applications of fertilizer
» Secure alternative to AN because it is classified as non-hazardous

CALCIUM AMMONIUM NITRATE (CAN)
27% N Total nitrogen
13.5% nitrate nitrogen
13.5% ammonium nitrogen

EXAMPLES OF NITROGEN ABSORPTION OF WHEAT AND THE APPLICATION OF CAN
1st application at start of vegetation 2nd application at shooting 3rd application for quality top dressing

N-absorption in kg/ha

Growth stage
GRANULATED UREA

PROPERTIES
With a nitrogen content of 46%, granulated urea has the highest concentration of nutrients of all nitrogen fertilizers. The nitrogen exists in the form of carbamide nitrogen. Through transformation processes in the soil, within a few days the nitrogen is first converted into ammonium, and then, in a second transformation process, it is converted into nitrate. The fertilizer can be used on all agricultural and horticultural crops on any application date.

THE ADVANTAGES AT A GLANCE

- Homogeneous, pure white granules
- Consistent high quality and nutrient concentration
- Universally applicable, suitable for all agricultural and horticultural crops
- Good transport and storage qualities: free flowing thanks to surface refinement, non-dust-forming
- Good spreading behaviour thanks to a balanced range of granule sizes
- Refined surface prevents caking

UAN SOLUTION

PROPERTIES
The liquid UAN solution contains ammonium nitrate and urea as source materials, the salts are dissolved in water. The forms of nitrogen (nitrate, ammonium and urea) contained in the fertilizer work directly through the soil and foliage. This is particularly advantageous in dry weather. The product is applied through normal crop protection sprayers with appropriate nozzle and drag hose technology. The UAN solution can be used on all types of agricultural crops.

THE ADVANTAGES AT A GLANCE

- 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