

# DISCOVER THE **AIRTEK® 40+13SO<sub>3</sub>** FORMULA

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We create chemistry



**AIRTEK® 40+13SO<sub>3</sub>** is our special formula based on nitrogen and sulfur derived from granulated urea and granulated ammonium sulfate. The product includes treatment with **BASF's LIMUS®** inhibitor to protect the enzymatic activity of urea and maximize the availability of nitrogen for crop plants.

The **AIRTEK® 40+13SO<sub>3</sub>** formula provides a significant supply of nitrogen and sulfur for agricultural crops and better absorption due to the nitrogen-sulfur synergy. **LIMUS®** - the urease inhibitor developed by **BASF** - contains 2 active substances, **NBPT** and **NPPT**, which provide enzymatic protection for the widest range of urease enzymes. This enzymatic protection ensures the efficient utilization of nitrogen from urea, as the plant-accessible nitrogen becomes available in a controlled manner in terms of dosage and timing. This allows farmers to safely administer fertilizers even in unfavorable conditions.

Furthermore, **AIRTEK® 40+13SO<sub>3</sub>** ensures the accurate application of the calculated dose by combating nitrogen losses through ammonia release by up to 95%, as is the case with conventional urea or urea with non-enzymatic protection.

## Technical parameters

<b>Total NITROGEN (N)</b>	<b>40%</b>
- Ammoniacal nitrogen (N)	12.5%
- Ureic Nitrogen (N) inhibited with the urease inhibitor <b>LIMUS®</b>	87.5%
<b>Sulfur trioxide (SO<sub>3</sub>) soluble in water</b>	<b>13%</b>

Cultivation	Application timing	Dosage (Kg/H)*
Grains Rapeseed Sunflower Corn	Phenophases / Vegetation Phenophases / Vegetation Sowing / Incorporation Sowing / Incorporation / Vegetation	between 170kg and 220kg between 170kg and 200kg between 170kg and 200kg between 170kg and 220kg

\*Recommended doses under general conditions, with an indicative value, depending on the agronomic indicators.

## Benefits

- Reduce ammonia volatilization from urea
- Increases the available nitrogen for plants by inhibiting soil urease enzymes
- Reduces fertilization costs
- Provides efficiency and flexibility in nitrogen fertilization programs

## Limus® advantages for farmers

- The product is a top urea inhibitor with two active substances that reduce nitrogen losses caused by urea-based fertilizer volatilization.
- Reduced losses result in more nitrogen available for plants, increasing production potential.
- Nitrogen is available to plants during critical crop development stages.
- High returns on investment.
- More flexible fertilizer application, regardless of weather conditions.
- Excellent support for farmers towards sustainable agriculture.

