



**PRODUCT INFO  
& DATASHEET**

## **SICO-U.A.S**

*Blends of Granular Urea + Granular Ammonium Sulphate.*

*Can be supplied with urease inhibitor (ammonium stabiliser) = Type 5*

3/2020

We produce various very nice blends of Granular Urea + Granular Ammonium Sulphate, which become increasingly popular.

### **\* PRODUCT SPECIFICATIONS**

Following types exist :

<b>Type</b>	<b>N total</b>	<b>Ammoniacal N</b>	<b>Ureic N</b>	<b>S</b>	<b>SO<sub>3</sub></b>
1	40.0	5.0	35.0	6	15
2	38.0	6.7	31.3	7.7	19.2
3	35.0	9.2	25.8	10.6	26.4
4	33.0	10.9	22.1	12.5	31.2
5 (with urease inhibitor)	38.5	6.3	32.2	7.2	18

Granulometry = granular 1-5 mm

### **\* REMARK**

Can also be supplied with an urease curber/inhibitor (ammonium stabiliser) which prevents the evaporation of nitrogen (= Type 5).

With urea the nitrogen (N) transformations are 1/ Ureic N -> 2/ ammoniacal N -> 3/ nitrate N -> 4/ uptake by plant. The urease inhibitor slows down the transformation of step 1/ into 2/. Because of a minimal pH rise, the nitrogen stays in the stable ammonium form, which does not evaporate and more nitrogen remains available for the plant. If step 3/ into Nitrate N is present in too large a quantity, then plants cannot take it up and the N leaches out/away.

For more info on urease inhibitor/nitrification inhibitors, see info on our SICO-ECOTEC datasheets.

### **\* PACKING**

In 40 kg wpp + pe SICO bags (loose bags without pallets), about 22 MT/20' container.