



**PRODUCT INFO
& DATASHEET**

SICO HUMIC ACIDS SERIES

SICO-HUMIMAX BLACK STAR

*Humic Acid (Dry Basis) 25% (in 2-3mm granules)
Made in China*

06/2017

1/ PRODUCT DESCRIPTION & SPECIFICATION

SICO-HUMIMAX BLACK STAR is excellent for soil conditioning, and designed as a slow release, soil application. It is a shiny, round, brown granular fertiliser.

| | |
|------------------------|--------|
| Humic Acid (dry basis) | 25 % |
| Amino Acid (dry basis) | 8 % |
| NPK | 16-0-1 |
| Organic Matter (O.M.) | 45 % |



2/ RECOMMENDATIONS & APPLICATION

SICO-HUMIMAX BLACK STAR is mainly used in agricultural crops, fruit trees, landscaping, gardening, pastures, grains and horticultural crops.

SICO-HUMIMAX BLACK STAR can be used as a base fertilizer or additional fertilizer, 200-300kg/ha.

3/ BENEFITS

- Efficiently and easily absorbed by crops
- Effectively regulates and improves soil quality
- Improves the utilization of other fertilizers
- Promotes crop growth, improves crop yield and quality. Generally increases food crop yields, by more than 10 percent, with an early maturity of between 5-7 days. Increases cash crop yields by more than 20%, with an early maturity of between 6-8 days.
- Enhances crop resistance to disease and lodging
- Reduces nitrates, nitrites and heavy metal content of the soil, improves the nutritional quality, nutrient intake and quality of agricultural products.
- Improves soil aggregate structure, increases the number of beneficial microorganisms and organic matter content, reduces soil bulk density, loosens soil, conducive to water retention, aeration, provides best conditions for crop growth.

4/ SPECIFICATIONS & CERTIFICATE OF ANALYSIS

• GRANULAR

| <i>Parameter</i> | <i>Standard specification</i> | <i>Analysis result</i> |
|--|-------------------------------|------------------------|
| Appearance | black granular | complies |
| Odor | characteristic | complies |
| pH | 5-7 | complies |
| Diameter | 2-3 mm | complies |
| Color reaction | positive reaction | complies |
| Humic acid | ≥ 25 % | 25.3 % |
| Amino acid | ≥ 8 % | 8.4 % |
| NPK | 16-0-1 | complies |
| Organic matter | ≥ 45 % | 46.1 % |
| Lead (as Pb) | < 10 ppm | complies |
| Arsenic (as AS ₂ O ₃) | < 2 ppm | complies |
| Residual solvents | refer to Eur. Pharm. 2010 | complies |
| Salmonella | negative | complies |

5/ STORAGE & SHELF LIFE

Store in a cool, dry place in tightly sealed containers, protected from heat and light. Shelf life of min. 24 months if stored properly.

6/ PACKING

In 25 kg kraft paper bags with Sico product label on pallet of 1 MT, MOQ = 1 pallet. Other packings on request.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be

SICO FERTILISERS
EVERY TIME THE *right* SOLUTION