



**PRODUCT INFO
& DATASHEET**

SICO HUMIC ACIDS SERIES

SICO-HUMIMAX 100

Unique water soluble potassium humate derived from Leonardite with extremely high humic (80%) and fulvic (25%) acid contents + 10% K₂O (available both in flake and powder forms) – For soil and foliar applications.

Made in China

Revised 01/2020

1/ PRODUCT DESCRIPTION & SPECIFICATION

SICO-HUMIMAX 100 is a type of Potassium Humate derived from Leonardite. The content is extremely high in Humic and Fulvic Acid. Anti-hard water. Deflocculation. Highest water solubility in both flake and powder forms.

Humic Acid (dry basis)	80 %
Fulvic Acid (dry basis)	25 %
Potassium (as K ₂ O)	10 %
Water Solubility	100 % (deflocculation)



2/ RECOMMENDATIONS & APPLICATION

SICO-HUMIMAX 100 is mainly used in agricultural crops, fruit trees, landscaping, gardening, pastures, grains and horticultural crops etc.

Soil Application	: 8-12 kg/ha
Irrigation	: 8-12 kg/ha
Foliar Application	: 5-8 kg/ha with the dilution rate of 1:600-800

3/ BENEFITS

- Increases organic matter of soil
- Improves crop respiration and photosynthesis
- Improves potash utilization
- Slows decomposition to increase the release of potassium
- Improves the content of available K
- Long-lasting and fast-acting
- Enhances water holding capacity of soil
- Reduces soil erosion and improves workability of soil
- Regulates the release of nutrients
- Improves the quality of agricultural crops
- Improves efficacy of Herbicide
- Improves the efficiency of fertilizer

4/ SPECIFICATIONS & CERTIFICATE OF ANALYSIS

• FLAKES

Parameter	Standard specification	Analysis result
Appearance	shiny flakes	complies
Humic Acid (dry basis)	≥ 80 %	80.6 %
Fulvic Acid (dry basis)	≥ 15 %	15.4 %
Potassium (as K ₂ O)	≥ 10 %	10.2 %
Water solubility	100 %	complies
Water soluble	deflocculation	positive
pH Value	9-11	10.5
Loss on drying	≤ 1 %	0.36 %
Moisture	≤ 15 %	13.5 %
Total bacterial count	max. 100 cfu/g	complies
Yeast & moulds	max. 100 cfu/g	complies
Escherichia coli presence	negative	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 or 1 kg bag into 1 kg box x 16 per carton, 768 kg per pallet x 10 = 7.68 MT/20ft fcl. Other packings on request.

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