



**PRODUCT INFO
& DATASHEET**

SICO HUMIC ACIDS SERIES

SICO-HUMIMAX 80

*Economical potassium humate organic fertiliser, fully water soluble
(available both in small flakes, powder and granular forms)
For soil and foliar applications. - Made in China*

Revised 12/2022

1/ PRODUCT DESCRIPTION & SPECIFICATION

SICO-HUMIMAX 80 is an economical Potassium Humate organic fertiliser derived from Leonardite. It can be used for foliar spraying, drip irrigation and soil application, and meets most consumer demands.

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



2/ RECOMMENDATIONS & APPLICATION

SICO-HUMIMAX 80 is mainly used in agricultural crops, fruit trees, landscaping, gardening, pastures, grains and horticultural crops etc.

Soil Application	: 10-15 kg/ha
Irrigation	: 10-15 kg/ha
Foliar Application	: 8-10 kg/ha with the dilution rate of 1:500-600

3/ BENEFITS

- Increases organic matter of soil
- Improves crop respiration and photosynthesis
- Improves potash fertilizer utilization
- Slows decomposition to increase the release of potassium
- Improves stress tolerance of crops
- 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 the efficiency of fertilizer

4/ SPECIFICATIONS & CERTIFICATE OF ANALYSIS

<i>Parameter</i>	<i>Standard specification</i>	<i>Analysis result</i>
Appearance	small black flakes (or powder)	complies
Humic Acid (dry basis)*	≥ 80 %	82.3 %
Potassium (as K ₂ O)	≥ 10 %	10.44 %
Water solubility	100 %	100 %
pH Value	9-11	10.1
Loss on drying	≤ 1 %	0.54 %
Moisture	≤ 15 %	13.9 %
Total bacterial count	max. 100 cfu/g	complies
Yeast & moulds	max. 100 cfu/g	complies
Escherichia coli presence	negative	complies
Salmonella	negative	complies

* Granular contains ≥ 75% Humic Acid.

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 strong kraft paper bags with Sico product label on pallet of 1 MT, MOQ = 1 pallet

- powder	: 18 MT on pallets	- granular	: 18 MT on pallets
- flakes	: 13 MT on pallets		Without pallets on request.

* 1 kg bag into 1 kg box x 16 per carton, 768 kg per pallet x 10 = 7.68 MT/20ft fcl.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose.
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