PRODUCT INFO
& DATASHEET

SICO-POTASSIUM HUMATE-SBG

Humic Acid 55% + Fulvic Acid 45% + Amino Acids 5%, K2O 12%
shiny black granules & fully water soluble
Made in China

02/2022

1/ INTRODUCTION

Sico-Potassium Humate-SBG is a natural organic fertilizer (extracted from natural leonardites) that increases soil fertility, and the plants' defense ability against drought, to improve germination and root growth.
It will also increase crop yields.

2/ SPECIFICATIONS & ANALYSIS

Appearance	black shiny flakes, powder or granules
Humic Acid	55% min.
Fulvic Acid	45%
Potassium (as K2O)	12%
Amino Acid	5%
Organic matter	70%
Solubility	100%
Moisture	15% max.
pH	9-11

3/ ACTIVITY & BENEFITS

For plants:

1. Plant growth stimulant, promotes root development and stimulates seed germination.
2. Enhances nutrient uptake by combining nutrients and humic acids and keeping a well-balanced nutrition.
3. Enhances the resilience of crops against cold, drought, pest, diseases and toppling resistance.
4. Promotes healthier, stronger plants and enhances appearance
5. Potassium is an important component of chlorophyll and speeds up the photosynthesis.

For soils:

1. Soil conditioner. Improves soil structure. Increases ion exchange capacity of the soil.
2. Enhances resistance to stress, especially reduces high salts in alkaline soils.
3. Enhances nutrients uptake and increases the humus content in the soil.
4. Prevents soils from contamination eg heavy metallic ions as well as other harmful matters.
5. Fertilizer efficiency promoter. Greatly improves the utilization of Nitrogen and Phosphorus

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.
No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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4/ APPLICATION

Used as multi-functional compound fertilizer, combined with Nitrogen and Phosphorus, Mainly used as basal fertilizer, top dressing, seed fertilizer, and foliar fertilizer.

Soil Application: 2-5 kg/ha/time, or 5% of total blend. i.e. 5 kg of Potassium Humate Granules with every 100 kg of Urea, DAP, MAP etc, but do not exceed 10 kg per ha when banded or 20 kg per ha when broadcast.

Foliar Application: 1-2 kg/ha/time, 2-3 times during seedling stage and growth stage.
It can be mixed with most nutrient solutions and pesticides. Nevertheless make a miscibility test before first application.

5/ HANDLING & STORAGE

Handling: Handle with care when handling, apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Wear protective goggles and gloves

Storage: Store in a cool & dry area away from heat sources & protected from light.
Avoid dust formation and control ignition sources.
Keep air contact to a minimum.

6/ WARNINGS

1. Do not spray on hot days or rainy days. Spray again if there is rainfall withing 6 hours after having sprayed.
2. The intervals for using should not be less than 7 days.
3. It can be used mixing with most herbicides.
4. The validity is 4 years from production date .

7/ PACKING

Plastic woven bag with liner inside /Paper Kraft bag with liner inside Net weight 1 kg, 5 kg, 10 kg, 25 kg or 900 kg

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