POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Sulphur Bentonite 90%

Sulphur Bentonite is one of the concentrated sources of sulfur. Sulfur deficiency is predominantly available in the soils of many countries. Sulfur is involved in the metabolic functions of plants and is a constituent of amino acids. It also aids in chlorophyll synthesis and enhances the effectiveness of other nutrients, making it a crucial element in oilseed production. It leads to an improvement in crop yield and oil content. Sulfur bentonite contains 90% sulfur and 10% Bentonite clay, which serves as a binder during manufacture and a dispersing agent after being added to soils.

Parameters	Results
Color	Golden Brown/Greenish/ Greyish
Shape	Half lentils / split peas / Pastilles
Sulphur	90% ±1
Bentonite	10% ±1
Size	2.0-4.0mm diameter
	2.0-2.5mm Height
Moisture Content	0.5% Wt.
Bulk Density	1.10-1.20 T/M3
Heavy Metals	
Cr (Chromium) -200mg/kg Max	<1
Cd (Cadmium)- 20 mg/kg Max	<1
Hg (Mercury) -0.2mg/kg Max	<0.2
Pb(lead)-100 mg/kg Max	<1
As (Arsenic)10 mg/kg Max	<1

Application

1) Applied widely to grass and lawns to improve chlorophyll.
2) Used for Oilseed Plants like Groundnut, Coconut, Sunflower, Palm oil, and Olive trees. It has been observed that there is a 30-35% increase in yield.
3) Applied for all kinds of Cereals, which improved their sizes.
4) Applied for all Kinds of Fruits, where it improves their taste, odour, and Pulp thickness.
5) Applied for Paddy and wheat crops, where it improves the yield by 15-20%.

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Storage

1) Prevent moisture absorption by keeping away from heat and storing in an air-ventilated area.
2) Avoid contact with acids and alkaline substances and protect yourself from dust.
3) Ensure bags are sealed and in good condition.

Advantages

1) Sulfur Bentonite is a concentrated fertilizer that enhances sulfur solubility, making it readily available to plants while reducing the overall fertilizer needed.
2) It lowers soil pH, correcting alkalinity (pH > 7) and improving nutrient accessibility. The slow release of sulfur ensures availability throughout the crop period and enhances the efficiency of other fertilizers.
3) It boosts crop yields and plant health, making it suitable for various crops, including corn, beans, rice, and more.
4) Additionally, it strengthens plants, fortifies flowers, and enhances chlorophyll photosynthesis for lush, green leaves.

Packing

600 Kg and 1,250 kg jumbo bags, Polyethylene with an inner lining, featuring top and bottom Spouts, folded and tied with or without Pallets.

Comments

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet (SDS) provides essential information about the environmental, health, and safety precautions needed for its handling and storage. You can obtain the most up-to-date version of the SDS by contacting a representative from Polestar Worldwide General Trading LLC.

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