



BUOYANCY®
بوعنق

BUOYANCY GENERAL TRADING LLC

Sulphur Bentonite 91%

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 helps in chlorophyll synthesis and improves the efficiency of other nutrients; it is a critical element in oilseed production. It leads to improvement in the yield of crops and oil content. Sulfur bentonite contains 90 % S and 10 % Bentonite clay, which serves as a binder during manufacture and as a dispersing agent after addition to soils.

Parameters	Results
Color	Golden Brown
Shape	Half lentils / split pea / Pastilles
Sulphur	91 % ±1
Bentonite	09 % ±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 the grass and lawns for improving Chlorophyll.
- 2) Used for Oilseed Plants like, Ground nut, Coconut, Sunflower, Palm oil and Olive trees. It has been noticed that 30-35% increase in yield.
- 3) Applied for all kinds of Cereals, where it improves it sizes.
- 4) Applied for all Kinds of Fruits, where it improves it taste, odour and Pulp thickness.
- 5) Applied for Paddy and wheat crops, where it improves the yield by 15-20%.

Storage

- 1) Prevent moisture absorption, keep away from heat, keep in air well-ventilated area.
- 2) Do not contact with acids and alkaline substances, protect from dust.
- 3) Ensure bags are sealed and in good condition.



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Advantages

- 1) It helps in the fast solubility of sulphur, making it readily available to plants.
- 2) Sulphur Bentonite is a highly concentrated fertilizer that reduces the amount of fertilizer.
- 3) Increases soil acidity and lowers soil pH: Soil conditioner as PH correction: Most of the agricultural lands in the world are alkaline in nature, i.e., the pH is more than 7. This Alkaline soil resists the penetration of Primary nutrients Nitrogen, Phosphorus, and Potash. Adding sulphur bentonite to the soil reduces the pH to 6.5 – 7.0, allowing primary nutrients to pass through. Thus, Primary nutrients are available to the Plants.
- 4) It releases Sulphur slowly and hence the Sulphur is available to the plants for the entire crop period.
- 5) Improves the efficiency of other fertilizers when blended and used together.
- 6) Increases crop yields, quality, and health.
- 7) It is suitable for corn, beans, rice, apples, tea, oranges, tobacco, coffee, and potatoes.
- 8) It gives strength to the plants and thickens the branches.
- 9) It strengthens the flowers and boll; hence, premature falling is avoided.
- 10) It enhances the photosynthesis of Chlorophyll, and hence the leaves are very greenish.

Packing

600 Kg and 1250 Kg Jumbo bags, Polyethylene with inner lining with top and bottom Spouts, folded and tied with or without Pallets.

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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") contains essential environmental, health, and safety information concerning its handling and storage. This product's most current version of the SDS can be obtained by contacting a Buoyancy General Trading LLC representative.



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