



**BUOYANCY®**  
بوعانق

BUOYANCY GENERAL TRADING LLC

## Sulphur Bentonite 90%

Sulphur Bentonite is one of the concentrated sources of sulfur. Sulphur deficiency is predominantly available in soils of many countries. Sulphur is involved in metabolic functions of plants and is a constituent of amino acids. It also helps in chlorophyll synthesis and improves efficiency of other nutrients; it is a key element in oilseed production. It leads to improvement in yield of crops and oil content. Sulphur bentonite contains 90 % S and 10 % Bentonite clay which serves as binder during manufacture and as a dispersing agent after addition to soils.

Parameters	Results
Color	Golden Brown
Shape	Half lentils / split pea / 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
<b>Heavy Metals</b>	
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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## 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.

## Advantages

- 1) Helps in 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 in alkaline nature, i.e., the PH is more than 7. This Alkaline soil resist the penetration of Primary nutrients Nitrogen, Phosphorus and Potash. By adding Sulphur bentonite to the Soil, it reduces the PH to 6.5 – 7.0 and allows primary nutrients to pass through the soil. 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 good for corn, beans, rice, apples, tea, oranges, tobacco, coffee, and potatoes.
- 8) It gives strength to the plants and thickens the branches.
- 9) It gives strength to the flowers and boll; hence premature falling is avoided.
- 10) It enhances the photo synthesis of Chlorophyll and hence the leaves are very greenish.

## Packing

1025 MT Jumbo bags, Polyethylene with inner lining with top and bottom Spouts, folded and tied.



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