



BUOYANCY[®]
IMPEX PVT. LTD.

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Sulphur Bentonite 90%

Sulphur Bentonite is one of the concentrated sources of sulphur. 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.

Application and characteristics

- 1) Fertilizer used in agriculture (direct spreading or blending with other fertilizers)
- 2) Direct nutritive value to the crops
- 3) Neutralization of the soil condition and keep the pH level of the soil
- 4) Increase the crop production (grains, vegetables)

Parameters	Results
Color	Dark Brown/ Greenish Brown/Grey Color may vary depending on raw material source
Shape	Half lentils / split pea / Pastilles
Sulphur	90% ± 1
Bentonite	10% ± 1
Size	Diameter 1.5~4.0 mm / Height 1.0~1.5 mm Size may vary or can be made as per application requirement
Bulk Density	1.1000-1.2000
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

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
- 4) Improves the efficiency of other fertilizers when blended and used together
- 5) Increases crop yields, quality and health
- 6) It is good for corns, beans, rice, apples, tea, oranges, tobacco, coffee, potatoes

Accredited: ISO9001:2015 | ISO 14001:2015 | ISO45001:2018



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Packing

Shipped in 800 to 1000 kg Jumbo bags or 25 kg, 50 kg small bags or in covered self-unloading hoppers

Storage

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

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