

TECHNICAL DATA SHEET

PHYSICO-CHEMICAL CHARACTERISTICS

Composition	: Elemental sulphur containing bentonite-clay
Appearance	: Shaped pastilles
Granular size	: Width 3-3.5 mm approx. : Height 1.5 mm approx.
Bulk density	: 1.15 kg/dm ³ approx.

QUALITATIVE CHARACTERISTICS

SOIL CONDITIONER

Sulphur for agricultural use	<u>Assay</u>	<u>Tolerance</u>
Composition	% w/w	% w/w
Total sulphur (S)	87.0	- 1.25

The values are intended as determined according to our standard analysis methods.

STANDARD PACKAGING

25 kg polyethylene bags
Various sizes bulk bags on pallets, shrinkwrapped

AGRICULTURAL USES

Reclamation (rates: 800-1000 kg/ha for basic amendment and 300-500 kg/ha for yearly amendment) of alkaline and saline soils; SFEROSOL increases availability of macronutrients (especially phosphorus) and micronutrients (iron, manganese, etc.); moreover SFEROSOL improves water penetration and plant growth.

Alone or blended with others granular fertilizers, sulphur is an essential nutrient involved in the synthesis of chlorophyll, of amino acids (cystine and methionine) and other sulphur-containing compounds (thiamine and biotin, constituents of vitamins B1 and H), of vitamin A; it takes part in the metabolism of glucides, lipids and proteins.

Dosages: 60-150 kg/ha of SFEROSOL for crops yielding high levels of proteins and sulphur-containing compounds (for instance oilseed rape, cabbage, garlic, onion, celery, ...), 40-90 kg/ha for crops yielding high levels of proteins (grassland, legumes and vegetables), 20-60 kg/ha for others (cereals in general).

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET IS IDENTIFIED AS **SBE1 (0110) E2**