

# ELEMENTAL SULPHUR S90



## Introduction

Sulphur is key element and 4<sup>th</sup> major nutrient in plant nutrition, its deficiency can lead to yield losses. It also plays an important role in building plant's immune system. Sulphur also aids in regulating soil pH in high pH conditions. It helps in improving heavy clay soil structure. Elemental Sulphur (S-90) has unique combination of exceptional degradability with very less quantity of fines. Being degradable, it is a recommended plant nutrient fertilizer. It helps in long term management of Sulphur deficient soil. Sulphur promotes efficient absorption and metabolism of NPK and is required for synthetic and catalytic plant reactions. The formula after disintegration provides large surface area available to soil microbes for faster colonization and conversion to sulfate. This results in enhanced agronomic performance.

## Suggested application rates and method

- Use in accordance with the recommendations of a qualified individual or institution or according to an approved nutrient management plan.
- Usage should be based on soil test and crop removal rates of sulphur.
- Crop like oil seeds and legumes require early-season sulphate application specially in sulphur deficient soils.
- Product can be applied alone or blended with other fertilizers.
- Repeated application of the product improves population of sulfur processing bacteria and in turn improves soil quality.
- Elemental sulphur is recommended in soil amendment for correcting pH, like in case of alkaline soils.

## Precautionary statements

Warning: May be harmful if swallowed. Causes skin irritation. May form combustible dust concentrations in air. Practice good housekeeping to prevent dust settling on surfaces in enclosed areas. Wear protective gloves, clothing, and or eyewear. Wash face, hands, and any exposed skin after handling.

## Storage

Store in its original package. Dust control agent should be applied during load out. Keep in a cool dry place, out of reach of children and livestock. Dispose of contents in accordance with all applicable local, provincial, and federal regulations.

## Organic statements

Approved for use in organic agriculture by Pro-Cert. Products may also be restricted by usage annotations (listed on the ViviGro Certificate) and must be followed when applying the substance as part of an Organic System Plan.

## Chemical composition

Component	Guaranteed Analysis
Sulphur (S)	90% (actual)

## Physical Properties

Property	Typical Value
Appearance	Green
Bulk density	75 lbs / ft <sup>3</sup> (1201 kg/m <sup>3</sup> )
Angle of repose	29°
Product Sizing	Size Guide no 260

**Available sizes:** 25 kg, 1000 kg.