



### Sulphur is the 4<sup>th</sup> Major Crop Nutrient – Sulfate Sulphur and Elemental Sulphur play key roles in Soil Health:

- **Essential for Plant Nutrition:** Sulphur is a critical nutrient in plant growth, forming a component of amino acids, enzymes, and vitamins necessary for plant metabolism.
- **Soil pH Adjustment:** Elemental Sulphur can help lower soil pH, creating a more favorable environment for crops that thrive in acidic conditions.
- **Improvement of Soil Structure:** Sulphate sulfur contributes to the formation of soil aggregates, enhancing aeration and water retention in the soil.
- **Activation of Soil Microorganisms:** Sulphur provides energy for soil microorganisms, promoting organic matter decomposition and nutrient cycling.
- **Disease Resistance in Plants:** Adequate Sulphur levels can improve a plant's resistance to diseases and environmental stress.

#### Links to Learn more:

- <https://www.fao.org/world-soil-day/en/> - this link has the slogan for the Day and other good information
- <https://www.youtube.com/watch?v=LtqwmXFNhxw> - 7 minute video with short stories on SOIL.
- [https://www.youtube.com/watch?v=mC97kM\\_nKb0](https://www.youtube.com/watch?v=mC97kM_nKb0) – “Dig It – All About Soils”
- <https://www.soils4teachers.org/> - book excerpt from Know Soil/ Know Life
- <https://www.sulphurinstitute.org/sulphur-in-agriculture/sulphur-the-fourth-major-crop-nutrient/>