Sulphur is a critical component in soil and plant health. Disruptions to this cycle can impact the rate at which plants grow and even the nutritional value of the food they produce!

For more sulphur information and resources visit: www.SulphurInstitute.org

Sulphur enters the cycle from atmospheric deposition from industrial processes, the marine environment, volatilization of sulphur in the soil and other sources. Sulphur recovered from oil and gas refining is used to make fertilizer to include sulphur as a fertilizer itself.

During harvest plant residues are returned to the soil and crops are used as feed, returning to the soil as manure. Plants draw on the multiple sources of sulphates for growth, generating the feed and biomass maintaining the cycle.

Organic Sulphur

Microorganisms feed on organic sulphur generating sulphates.

Sulphates

Elemental Sulphur

Atmospheric Deposition

Industrial Sources

Marine Sources

Volatilization

Fertilizer Application

Manure

Plant Residue

Microorganisms

The Sulphur Cycle