

## Introducing Polysulphate

Polysulphate is a new 4-in-1 natural fertilizer for improved crop yields. Polysulphate contains four plant nutrients: sulphur, potassium, magnesium and calcium.

Although Polysulphate was first found almost 200 years ago in Europe, only recently has a large scale deposit been discovered and now mined by Cleveland Potash – 4,000 feet underneath England's North Sea.

Now this natural 4-in-1 fertilizer is available to farmers. All tests are conclusive – Polysulphate provides the best value for farmers, crop after crop.



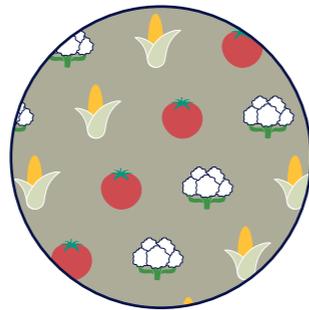
## What's in Polysulphate?

Polysulphate is the trademarked name for polyhalite, a naturally occurring mineral with the chemical formula:  $K_2Ca_2Mg(SO_4)_4 \cdot 2H_2O$

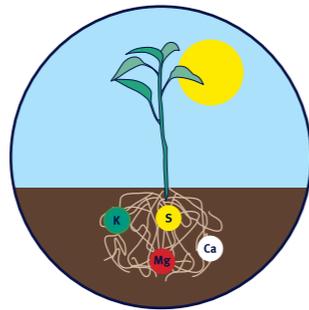
- **19.2% S** balances crop's need for S and improves efficacy of other nutrients (e.g N and P)
- **3.6% Mg** as magnesium sulphate, essential for photosynthesis
- **14% K<sub>2</sub>O** as potassium sulphate, vital for improved crop health
- **12.2% Ca** as calcium sulphate, crucial for cell division and strong cell walls



Available in **granular grade** (for direct application and bulk blending) and **standard grade** (for direct application and NPK granulation)



**Ideal natural source for all crops**, especially brassicas, cereals, legumes (soybean), vegetables, clover grassland leys and silage crops



**Fully soluble**, with all nutrients available for plant uptake



The low chloride content makes it **ideal for chloride-sensitive crops**



Tests conducted in the UK found that the sulphur supply by Polysulphate **increased yields by up to 40%**



**Approved for organic agriculture** in several European countries



**Completely natural**, mined, crushed, screened and bagged



**Low carbon footprint fertilizer**, helps growers achieve carbon targets demands



**"I grow asparagus, maize, tobacco, strawberries and other fruits. Since I started using Polysulphate, I have high quality produce that looks good, has a longer shelf-life and most importantly - secures a better price from customers."**

Michael Zapf, farmer

# Poly <sup>S K Mg Ca</sup> sulphate

Product/minerals	S	K	Mg	Ca
Polysulphate	+	+	+	+
Potassium-magnesium-sulphate	+	+	+	
Kieserite	+		+	
Potassium sulphate (SOP)	+	+		
Ammonium sulphate	+			

Polysulphate has multiple advantages for farmers. Now, for the first time, Polysulphate is available to everyone around the world.

Mined in the UK, ICL is the first - and only producer - in the world to mine polyhalite, marketed as Polysulphate.

- Follow us on**
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**Polysulphate**  
 Multi-nutrient fertilizer  
 Innovative, versatile and unique

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