

Polysulphate 

Trial



S

48% SO_3
(19.2% S)

K

14% K_2O
(11.6% K)

Mg

6% MgO
(3.6% Mg)

Ca

17% CaO
(12.2% Ca)

Combining peas (*Pisum sativum L.*) in a sandy clay loam soil

Polysulphate fertiliser is a soluble, easily-absorbed, cost effective answer to crop nutrition, containing four key plant nutrients: sulphur, potassium, magnesium and calcium



When

- Sowing: April 7, 2017
- Harvest: July 31, 2017



Where

PGRO Research Centre, England



Crop

Combining peas (Variety Crackerjack)



Soil type

Sandy clay loam



Measurements

Yield



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

For more information consult www.polysulphate.com/contact.php for your contact in your region.

www.polysulphate.com

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Polysulphate 

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Fertilizerplus 
Premium plant nutrition from ICL Fertilizers

Objective

To investigate the effect of different rates of Polysulphate on combining peas on a sandy clay loam soil.

Treatments

This was a randomised trial of four replicates that had three different application rates for Polysulphate: 100, 150 and 200 kg/ha. Plot size was 1.5m x 10m.

Results

Of the three Polysulphate application rates tested, the best result was achieved when Polysulphate was applied at 100 kg/ha. This resulted in a yield increased of approximately 8% (0.35 tonnes per hectare). Based on a market price of £180/tonne this represents an additional return of £62.28 per hectare.

