

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)

Vining peas (*Pisum sativum* L.) on 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 6, 2017
- Harvest: June 25, 2017



Where

PGRO Research Centre, England



Crop

Vining peas (Variety Jubilee)



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 vining peas on a sandy clay loam soil.

Treatments

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

Results

Polysulphate increased the yield in all three doses with the application rate of 150 kg/ha giving the greatest results: a 33% yield increase over the control. At 100 kg/ha and 200 kg/ha the yield increased by 19% and 30% respectively. Using a market price of £450/tonne for vining peas, the return on investment for the farmer is £684/ha (€773/ha) applying 150 kg/ha of Polysulphate.

