



## TRIAL ON POTATOES SCOTLAND, UNITED KINGDOM

**GranuPotasse® provides one of the mildest forms of the important plant nutrient, potassium, along with sulfur.**

- Contains a minimum of 50%  $K_2O$  (41.5% K) and typically 45%  $SO_3$  (18% sulfur)
- Ensures optimum uptake of both potassium and sulfur (as sulfate)
- Equal performance in alkaline or acidic soils
- Virtually no chloride
- Extremely low salt index
- A nitrogen-free source of potassium

Year: 2019

Cooperation with: Glasson

Type of application: soil application

Parameters measured: yield and dry matter

Variety: Gemson

Goal:

**Study the effect of replacing MOP by SOP in seed potato**



## TREATMENT

### Soil application

300 kg/ha  $K_2O$  was applied in the spring. The standard practice is the application of MOP. MOP has been compared with GranuPotasse. 300 kg/ha  $K_2O$  broadcast have been applied on March 19, 2019 for the MOP and March 23 for the SOP.

Treatment	Yield ton/ha Size 40-55 mm	Total yield ton/ha	Dry matter %
MOP	39.8	51.8	19.4
SOP	46.6	59.6	20.8

## RESULTS

Higher yield with the application of GranuPotasse and a higher dry matter content.  
Treatment block: 600 kg GranuPotasse/ha. **Potassium form makes the difference.**

### APPLICATION COSTS:

MOP = £147/ha

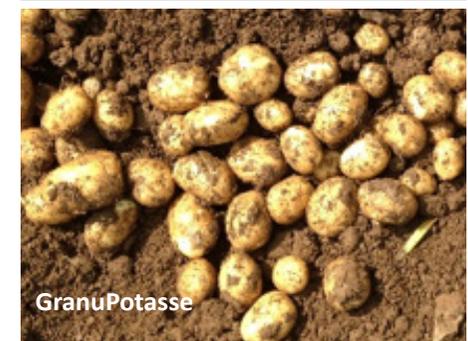
Granupotasse = £300/ha

## CONCLUSION: RETURN ON INVESTMENT

With an additional 6.8 ton/ha seed potatoes (40-55mm) and grower returns of £250/ton for seed potatoes, the grower makes £1,700/ha more by spending £153/ha extra cost. This will give an additional value of £1,547/ha (= 1,759 EUR/ha) extra revenue for farmer.



Potassium chloride



GranuPotasse



**Our experts are familiar with your region and crops.**

**Their support includes:**

- Agronomic advice
- Providing technical information
- Carrying out field studies that are specific to your issues
- Providing application and storage tips

**For more contact information:** Tessenderlo Kerley International, part of Tessenderlo Group

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