



TRIAL ON POTATOES CAROLINENSIEL, GERMANY

KTS® is a clear, chloride-free solution that features the highest liquid potassium and sulfur content available on the market.

P-Sure® is a clear (or light green) colorless liquid ammonium polyphosphate solution that helps increase yields by satisfying a crop's essential need for nitrogen and phosphorus.

Year: 2019

Cooperation with: Agrarhandel Weser-Ems

Type of application: band dressing

Parameters measured: yield

Variety: Leila

Goal:

Study the effect of starter-fertilization on seed potato production

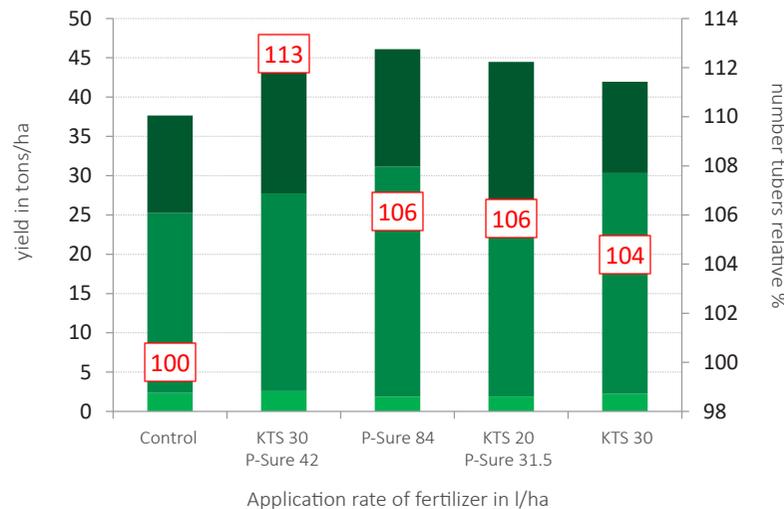


TREATMENT

KTS + P-Sure blends applied on clay soil via band dressing into seedbed during planting in addition to farmers fertilization plan.

■ < 35 ■ 35-55 ■ > 55

□ number tubers relative (Control = 100%)



RESULTS

Yield increased up to 22% by adding 20 kg P/ha via P-Sure (158 g/l N and 233 g/l P). With less P (10 and 7.5 kg/ha), the yield increase can be maintained at 21% and 18 % by adding 20-30 l KTS/ha. Even the single application of KTS led to 11 % more yield. The number of tubers is up to 13% higher than the control (very important for seed potato production).

CONCLUSION

KTS + P-Sure blends applied as starter fertilizer have a positive effect on yield by increasing the number and by raising the weight of tubers. Both effects are very much appreciated in any kind of potato production. Even a single application of KTS seem to be profitable.



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

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