

AGROCOTE®

Trial results

Leek *(Sureton)* on a sandy soil

ICL Agrocote is a 100% coated Nitrogen product that provides crops with a continuous release of Nitrogen throughout the growth cycle of the crop.

N	40%
P	0% P_2O_5
K	0% K_2O

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ego.X Release Technology 2-3 M



When

- Planting date: 14 June 2024
- Harvest date: 4 November 2024

Where

Maasbree, the Netherlands

Crop

Leek *(Sureton)*

Soil type

Sandy soil, pH: 6.1, organic matter 3.1, CEC 69

Measurements

Yield

Objective

To evaluate the efficacy of single application of Agrocote 40-0-0, 2-3M, with eqo.x coating, comparing to Grower practice.

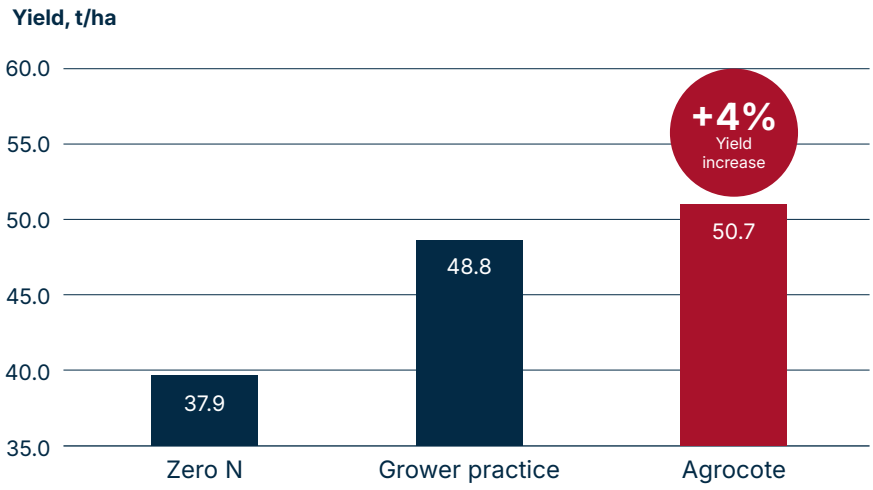
Trial set-up

Randomized block design, Zero N – 4 repetitions, Agrocote and Grower practice - 8 repetitions.

Treatments

Treatment	Products	kg/ha
Zero N	TSP & SOP	0
Grower practice	Slurry (22 kg N /ha) CAN (140 kg N/ha) in 3 applications	162
Agrocote 40-0-0+24SO_3, 2-3M, eqo.x	Slurry (22 kg N /ha) Agrocote (140 kg N/ha) in 1 application	162

Results



Key conclusions

One application of Agrocote 40-0-0+24SO_3, 2-3M resulted in 4% yield increase and additional 801 €/ha comparing to Grower practice (3 applications of CAN).

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