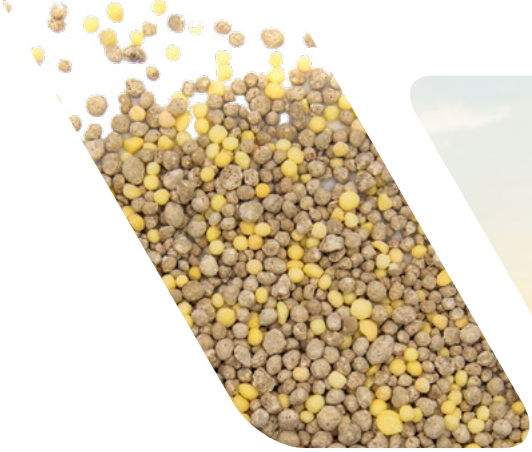




POLYPHOS®
Trial results

Potato *(Fontane)* on a silt soil

The starter adapted to your crops

Polyphos is an innovative starter fertiliser combining immediately available phosphorus, controlled-release phosphorus, and polyhalite. The combination and synergy of the 6 nutrients provide a major advantage for optimal crop nutrition during the early growth stages.

N	9%
P	24% P_2O_5
K	4% K_2O

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E MAX Release Technology 1-2

When

- Sowing date: 11 May 2024
- Harvest date: 08 October 2024

Where

France, Pas-de-Calais

Crop

Potato *(Fontane)*

Soil type

Silt, pH 7, organic matter 1.8%

Measurements

Yield

Objective

To test the benefits of Polyphos 9-24-4+2MgO+18SO_3, 1-2M (18% coated P) with 30% reduced P rate as an alternative to DAP 18-46-0 for starter fertilization.

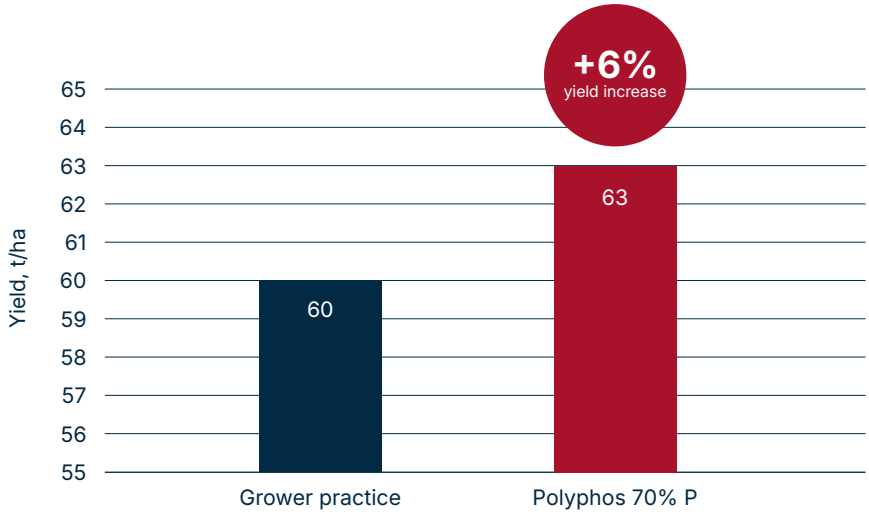
Trial set-up

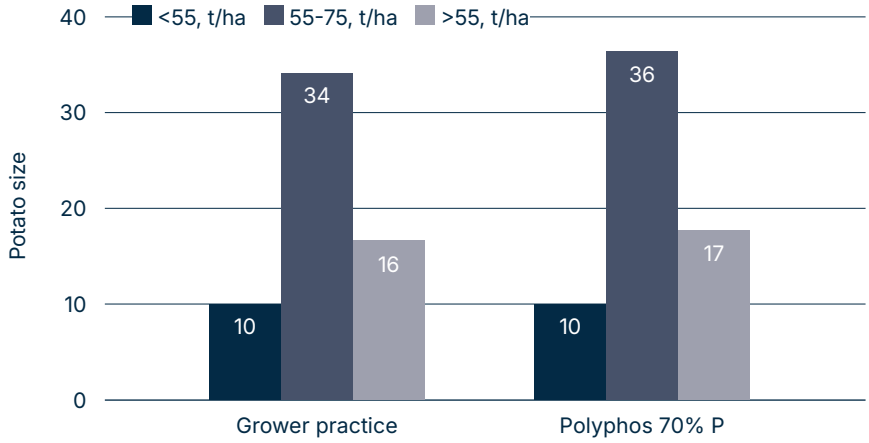
Randomized block design, 6 repetitions. Plot size 30 m^2.

Treatments

Treatment	Product	kg/ha
Grower practice	DAP	200
	CAN27	610
	KCL	550
Polyphos 9-24-4+2MgO+18SO_3, 1-2M (18% coated P), 70% P	Polyphos	270
	CAN27	610
	KCL	550

Results





Key conclusions

Application of Polyphos 09-24-04 with lower phosphorus and nitrogen rate as starter fertilization resulted in 6% higher yield comparing to Grower practice (100 P supply), and improved potato size distribution.

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