

Winter Barley

Year:
2023

Location:
Germany

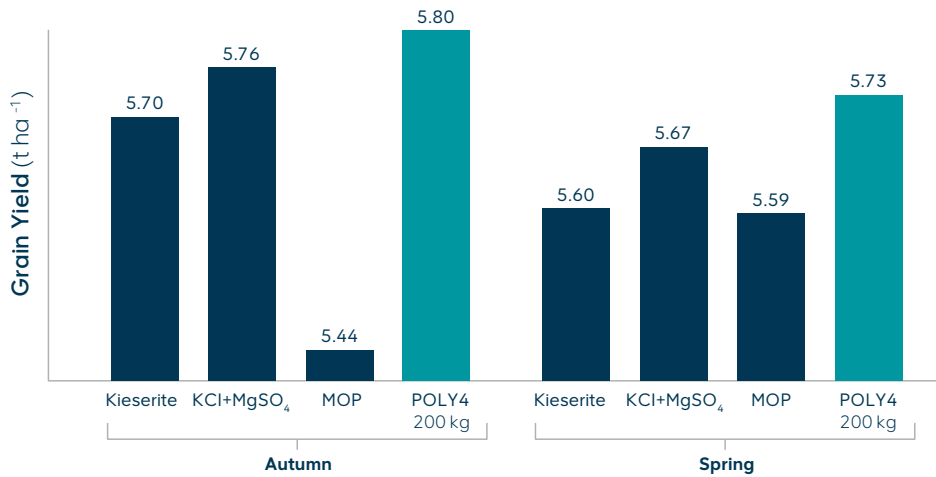
Number of sites:
1

Result

Fertilisation with POLY4 in the autumn for establishment resulted in the highest yield.

The sustained release of K, Mg, Ca and S during establishment gives the crops the best possible start, offers growers flexibility of application timing and greater peace of mind.

The spring application of POLY4 also delivered a higher yield.



Application

No additional nitrogen was applied with the treatments. POLY4 rate: 200 kg/ha.

Treatment	K ₂ O	S	CaO	MgO
Kieserite	0	21	0	25
KCl + MgSO ₄	56	7	0	8
MOP	56	0	0	0
POLY4	28	38	34	12

Median rates applied (kg ha⁻¹)

7%

yield increase
vs MOP
(Autumn application)

3%

yield increase
vs MOP
(Spring application)



Flexible
application timing



Improved NUE
over winter, start
with a stronger
crop in spring

