

2025 BIO-N TRIAL RESULTS

Independent trials carried out on Winter Wheat explored the effects of Bio-N on yield and grain protein content. Treatments were assessed comparing a standard Nitrogen application with a reduced nitrogen application supplemented with Bio-N.

Results showed that using Bio-N alongside a reduced nitrogen rate preserved both yield and protein content compared to full-rate nitrogen. Highlighting Bio-N's potential to improve nitrogen use efficiency whilst maximizing natural nitrogen fixation, with no yield or protein penalty.

Cambridgeshire

Treatment	Nitrogen Input	Bio-N	Yield (t/ha)	Protein (%)
1	190 kg/ha	No	12.5	12.9
2	190 kg/ha	Yes	12.8	13.3
3	120 kg/ha	Yes	12.6	12.7

Hampshire

Treatment	Nitrogen Input	Bio-N	Yield (t/ha)	Protein (%)
1	150 kg/ha	Yes	9.45	10.47
2	200 kg/ha	No	9.40	10.47