

TRIAL DATA SHEET

NUE-TRITION - Molybdenum



Objective: To evaluate the effect of molybdenum as a fertiliser coating on yield and NUE

Crop: Winter Wheat

Location: Yorkshire

Date: 2021

Researcher: Eurofins

Trial code: 21851

Background:

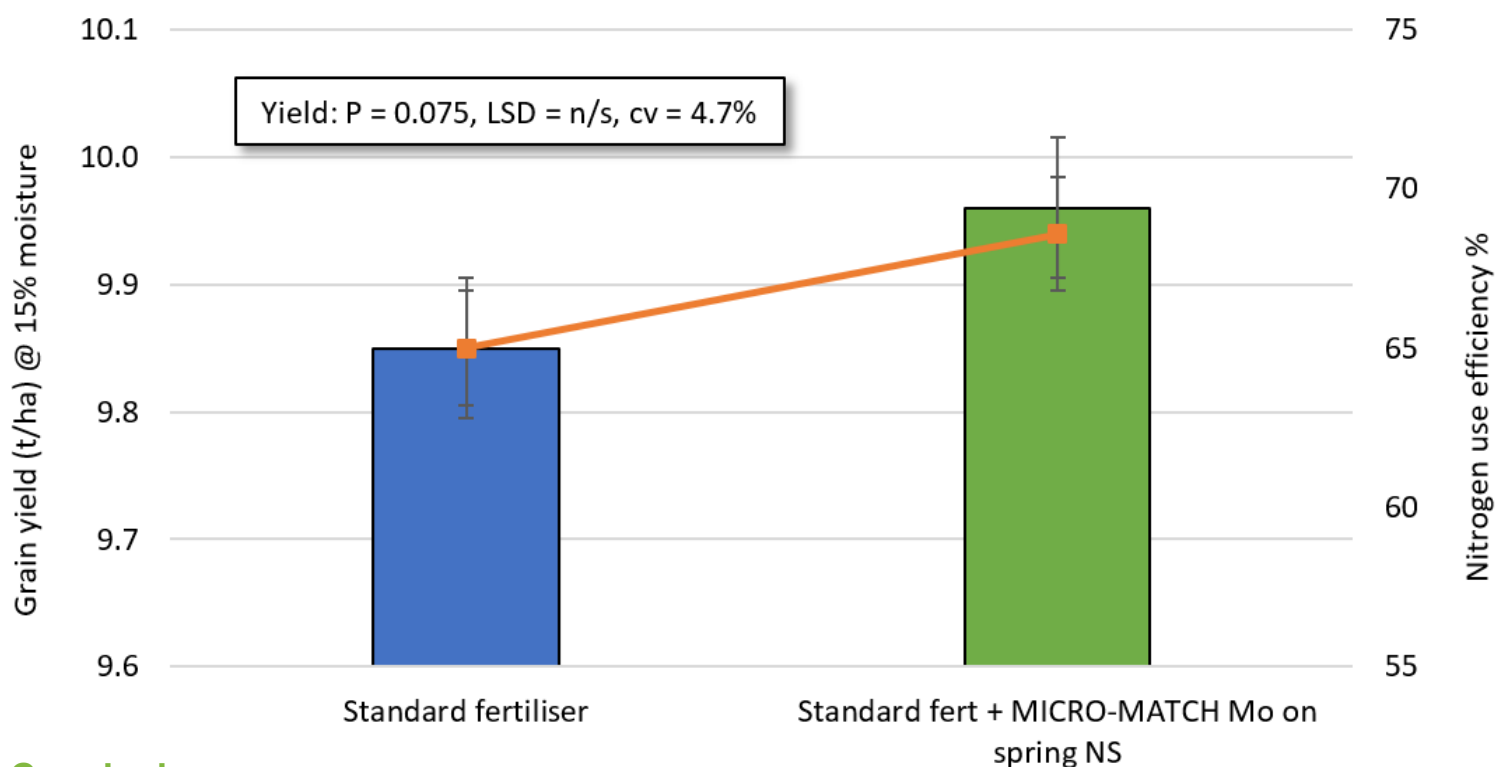
Hypothesis: Can MICRO-MATCH molybdenum fertiliser coating increase nitrogen use efficiency?

Site: Clay loam, pH 6.8, soil Mo < 0.01mg/l (guide 0.4mg/l)
Soil Mo level is low

Treatments:

1. Standard fertiliser programme (seedbed P f/b NS top-dressing), zero molybdenum
2. Standard fertiliser programme plus MICRO-MATCH molybdenum coating on spring NS compound

Results: Molybdenum trial on winter wheat to evaluate yield response and nitrogen uptake



Conclusions:

- MICRO-MATCH molybdenum increased yield by 1.1% vs. zero Mo
- MICRO-MATCH molybdenum increased NUE by 5.4%
- MICRO-MATCH molybdenum gave a return on investment of 2:1

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