

PolyPower®



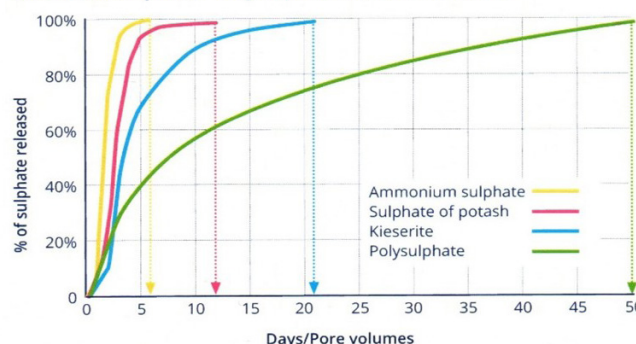
Combining the unique benefits of

Polysulphate  & **MICRO-MATCH Manganese**

Polysulphate - a unique source of sulphur

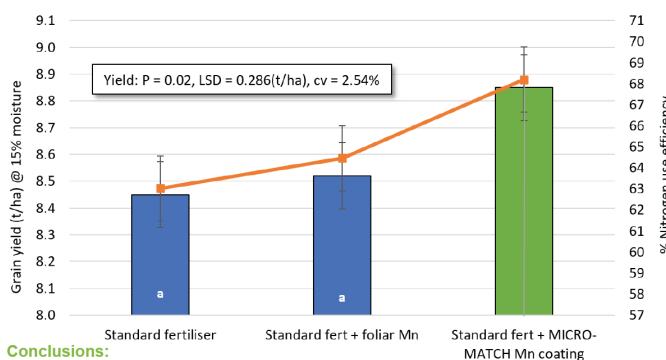
- ✓ Sustained release of sulphate over 50 days, matching crop uptake and minimising the risk of leaching
- ✓ More resilient and reliable in wet conditions than ammonium sulphate
- ✓ Multi-nutrient fertiliser replenishing soil reserves of potash, calcium and magnesium that might have been depleted by flooding

Release of sulphate - Polysulphate vs. other sources



MICRO-MATCH® - dual-action forms of nutrient

- ✓ Even coating of manganese on every granule of Polysulphate for optimum distribution in the soil
- ✓ Dual-acting forms of manganese for immediate and sustained nutrient release
- ✓ Stimulates photosynthesis which optimises early growth, crop yield and nitrogen use efficiency
- ✓ 50% of UK soils are low in manganese and recent flooding may have depleted reserves



Conclusions:

- MICRO-MATCH manganese gave a significant yield increase of 4.7%
- MICRO-MATCH manganese increased nitrogen uptake by 5.4%
- MICRO-MATCH manganese increased NUE by 8.2%
- MICRO-MATCH manganese gave a return on investment of 6:1 - at the time of the trial, extra input £9/ha, extra output £56/ha

POLY-Manganese 0-0-14 + 48% SO₃, 17% CaO, 6% MgO, 0.03% Mn

Which crop?	How much?	When?
Top-dressing winter cereals or oilseed rape where N is being applied separately	Apply at 100 – 150kg/ha for cereals or 150 – 200kg/ha for OSR to provide full crop sulphur requirement	Ideally apply as a single, early-spring dressing, or apply in 2 splits mid-Feb and mid-March
Seedbed or top-dressing spring cereals	Apply at 100kg/ha to provide full crop sulphur requirement	Prior to drilling or in seedbed or post-germination
Pulses	Apply at 150 – 200kg/ha for optimum sulphur uptake	Apply as a single, early-spring dressing to winter crops or prior to drilling, in seedbed or post-germination for spring crops

Talk to us about prescription nutrition

t: 03333 239 230 e: enquiries@originfertilisers.co.uk www.originfertilisers.co.uk

