

# TRIAL DATA SHEET

## Polysulphate

**Objective:** Assessing the effect of Polysulphate<sup>(R)</sup> as an autumn application for winter wheat

**Crop:** Winter Wheat

**Location:** UK

**Date:** 2019

**Soil type:** Sandy clay loam

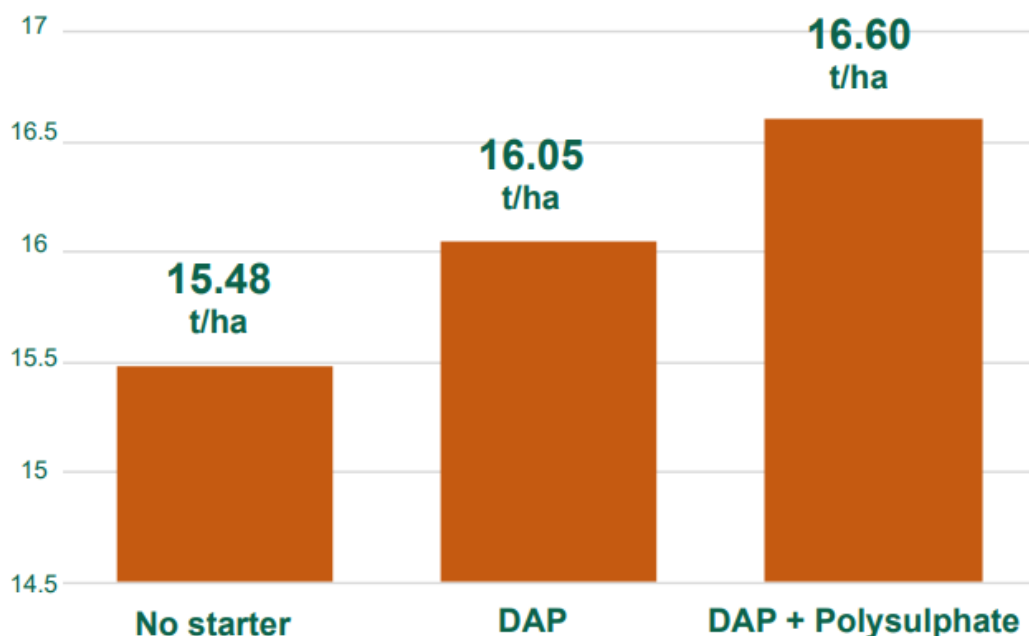
**Method:** Split field trial

**Measurements:** Vigour and NDVI at least 4-6 leaves; fresh and DM yield; starch; ME; CwD

**Trial code:** ORG-N-M-17



## Results: Maize dry matter yield



DAP only @ 125kg/ha



DAP @ 125kg/ha + Polysulphate @ 30kg/ha

## Conclusions: Maize starter fertiliser trial

Although there were no differences - either visual or statistically between treatments in vigour or NDVI at the 4 - 6 leaf stage - the inclusion of Polysulphate with DAP in the starter fertiliser resulted in DM yield increase of 0.55 t/ha compared to DAP alone.

DM is worth c. £150 pt, therefore the additional yield generated by Polysulphate is worth £82.50/ha gross or £77.40/ha after deducting the cost of the Polysulphate .

The inclusion of Polysulphate lead to increases in energy and cell wall digestibility giving a higher quality animal forage, although not statistically significant.

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