

# **UMOSTART<sup>®</sup>**

## **USE IN CEREALS**



# UMOSTART<sup>®</sup>

SUCCESSFULLY USED FOR OVER 20 YEARS



QUALITY MICROFERTILISER PLACED WITH SEED: BETTER & QUICKER ROOT DEVELOPMENT

MORE RELIABLE ESTABLISHMENT ESPECIALLY IN DIFFICULT SEASON

CAN BE USED IN ALL SOWING REGIMES (EXCEPT BROADCASTING)

UMOCAST APPLICATOR MACHINE CAN BE ADAPTED TO SUIT ALL SITUATIONS (EXCEPT BROADCASTING)

LOW APPLICATION RATES FROM 10KG/HA = LOGISTICAL SAVINGS

POSITIVE ENVIRONMENTALLY – REDUCED AMOUNTS OF PLACED FERTILISER

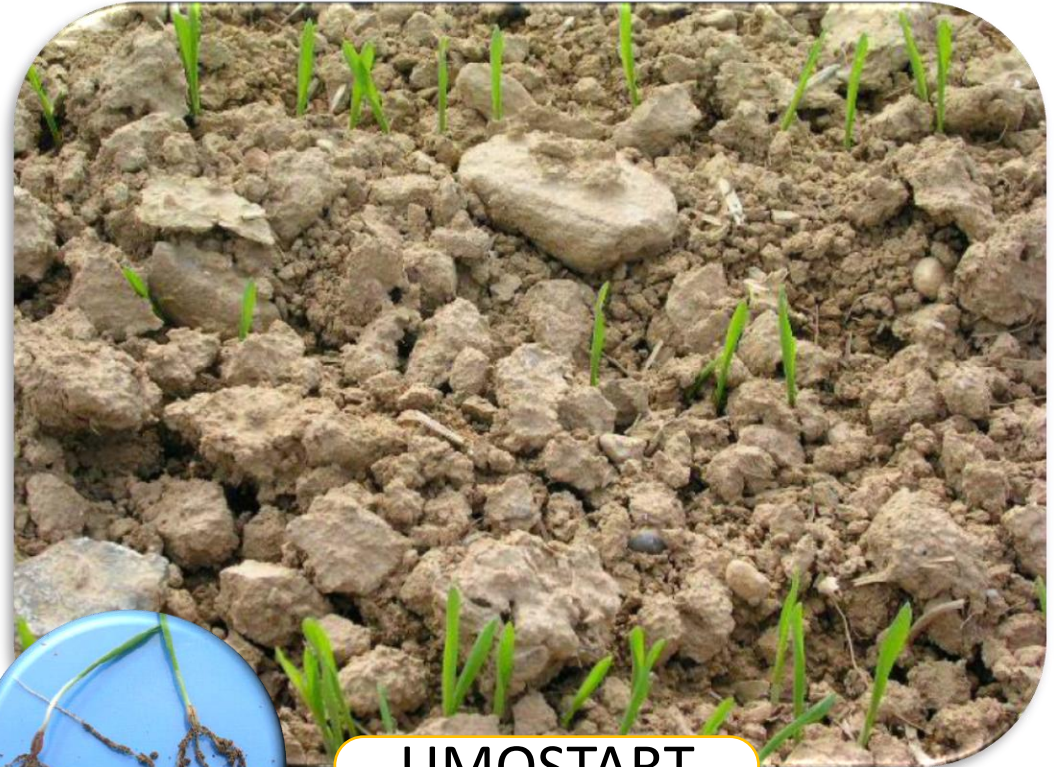


# UMOSTART<sup>®</sup>

SEED 23 DAYS POST-DRILLING



UNTREATED

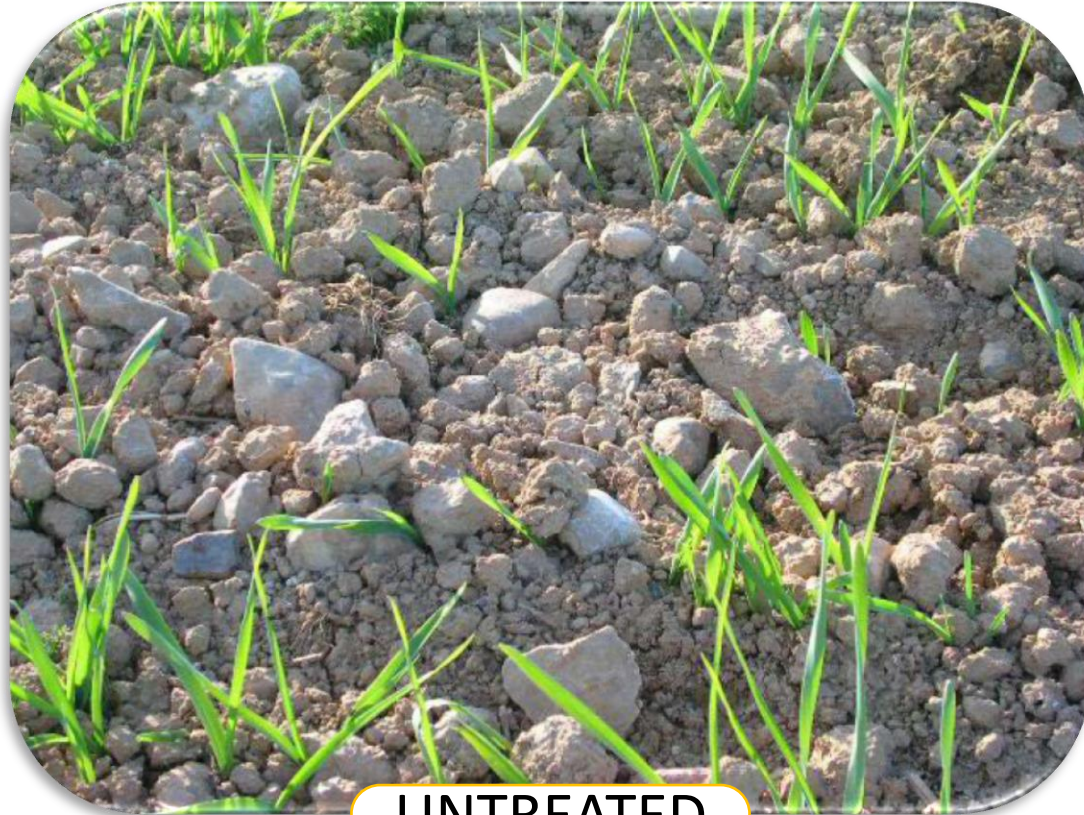


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SEED 39 DAYS POST-DRILLING



UNTREATED



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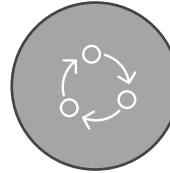
## INDEPENDENT TRIALS



2 x Sites – Gloucester & Oxford



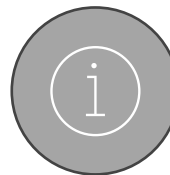
Compare Umoplast +/- N with DAP & TSP



Applied at drilling with seed



Drilled early April

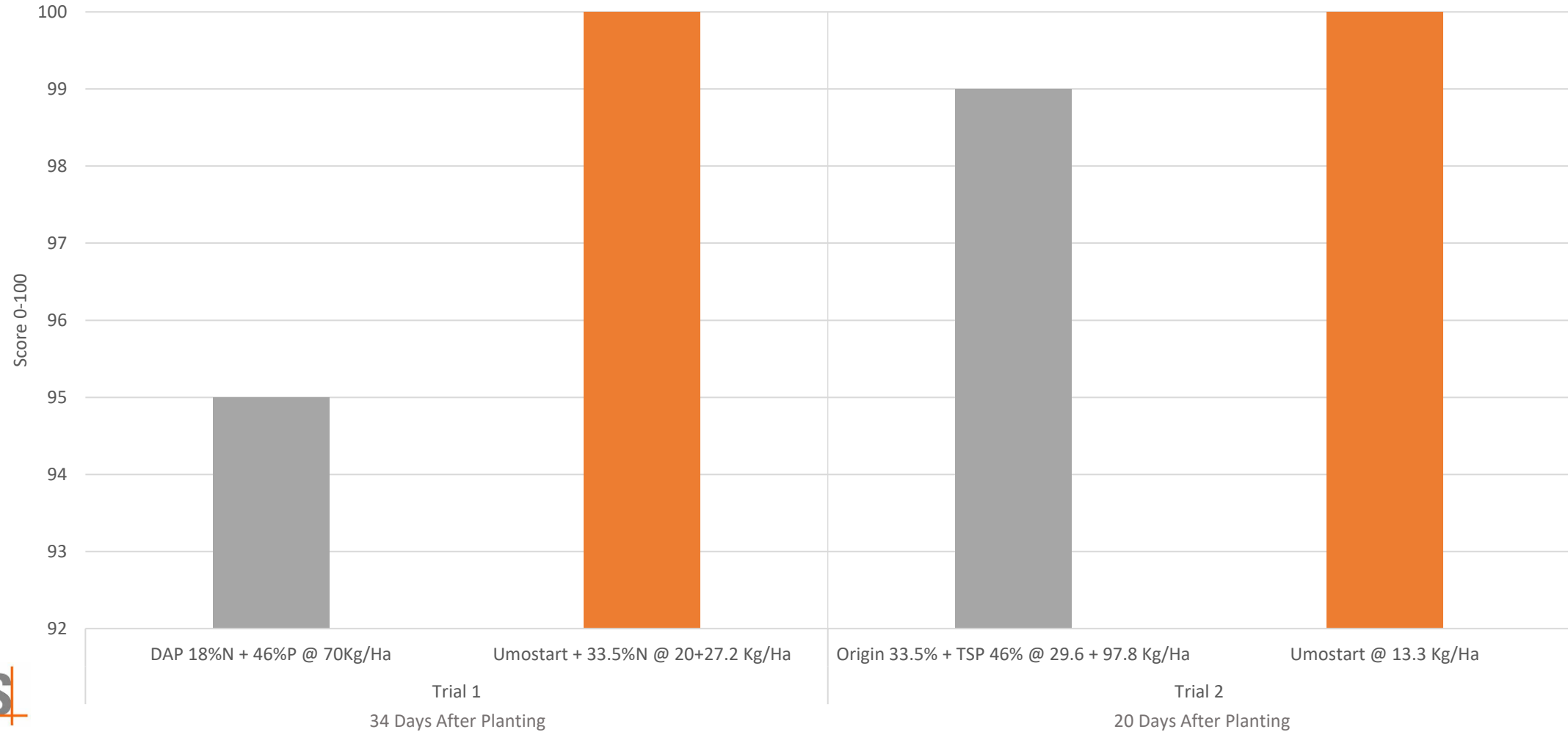


pH 7+



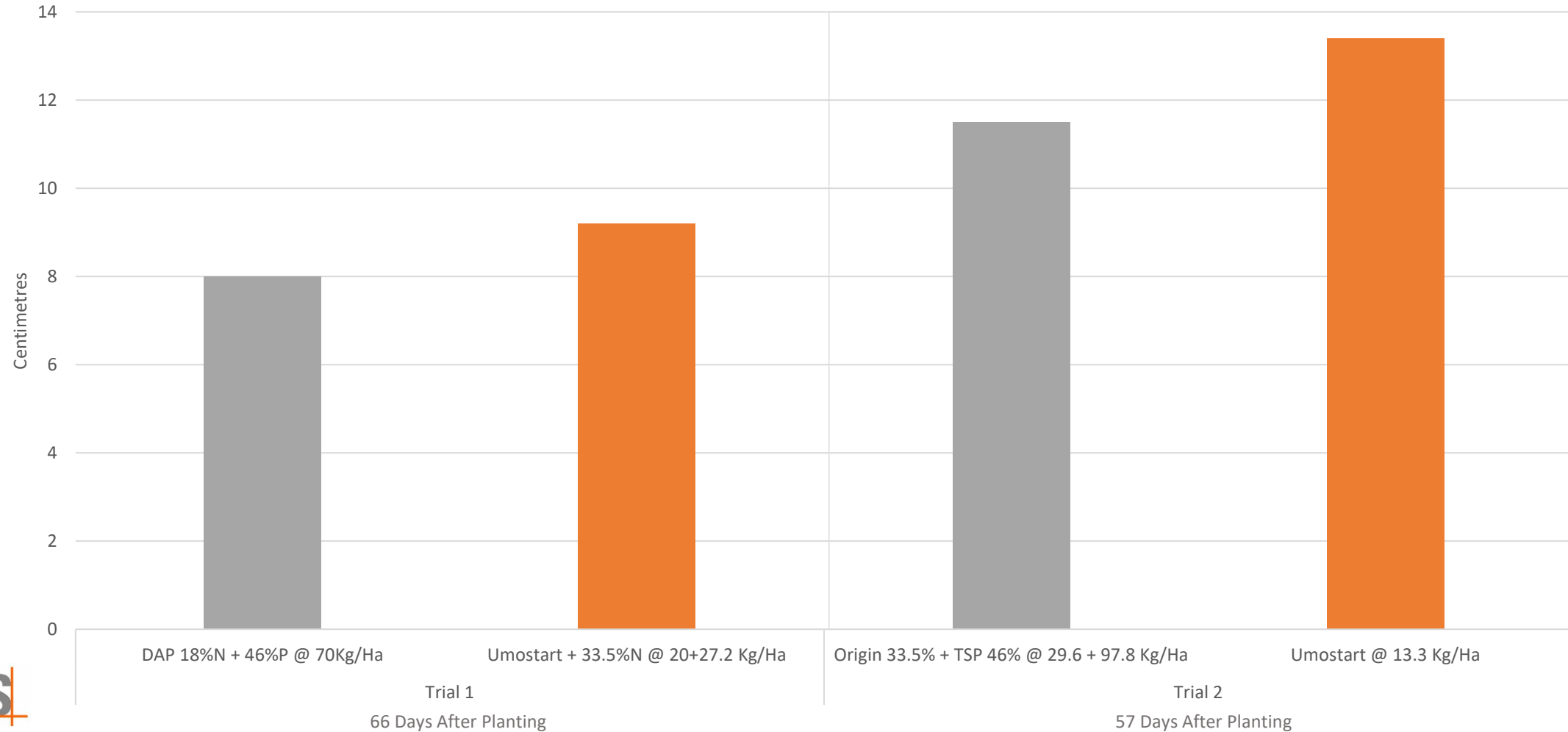
## INDEPENDENT TRIALS

### Spring Barley - Crop Vigour



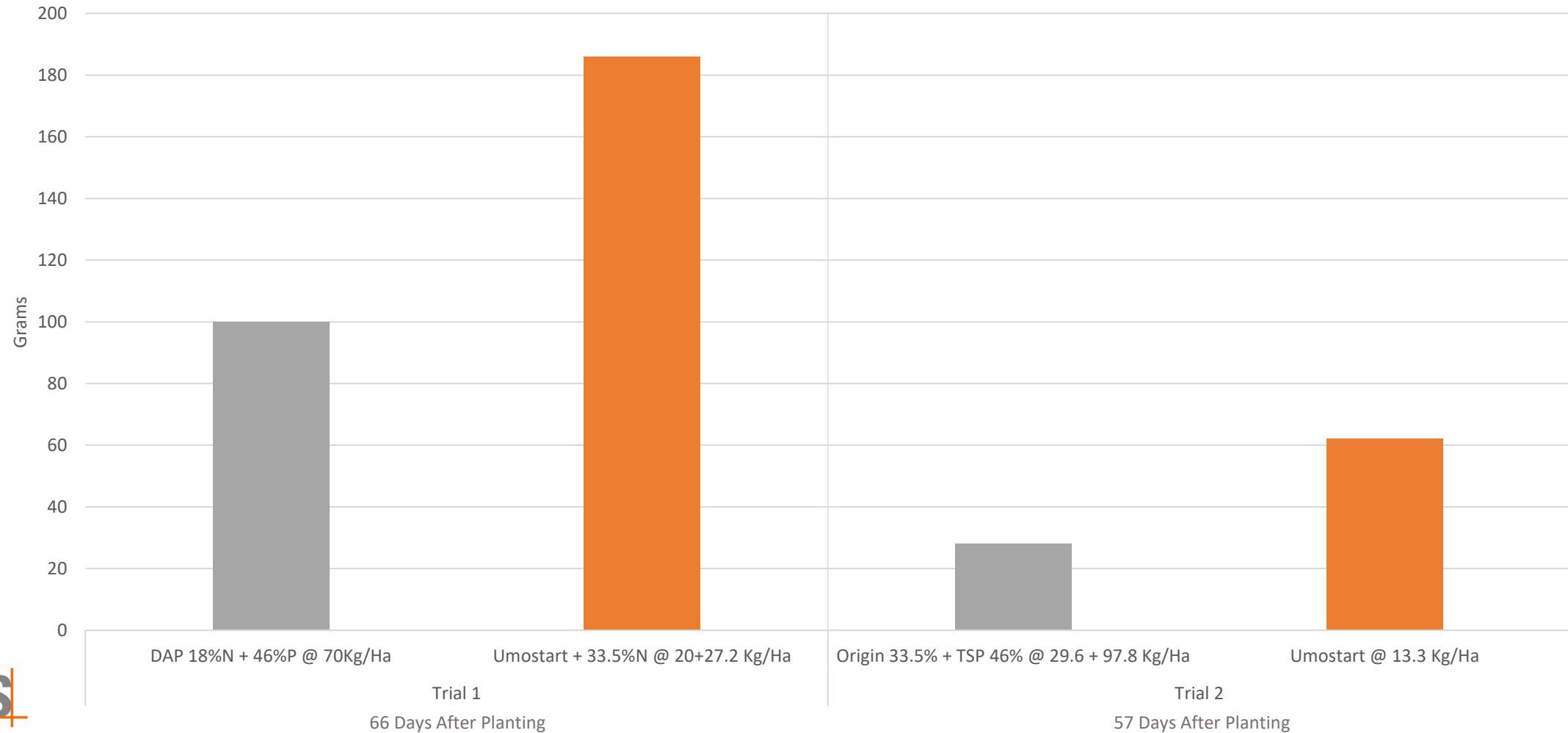
## INDEPENDENT TRIALS

### Spring Barley - Root Length



**INDEPENDENT TRIALS**

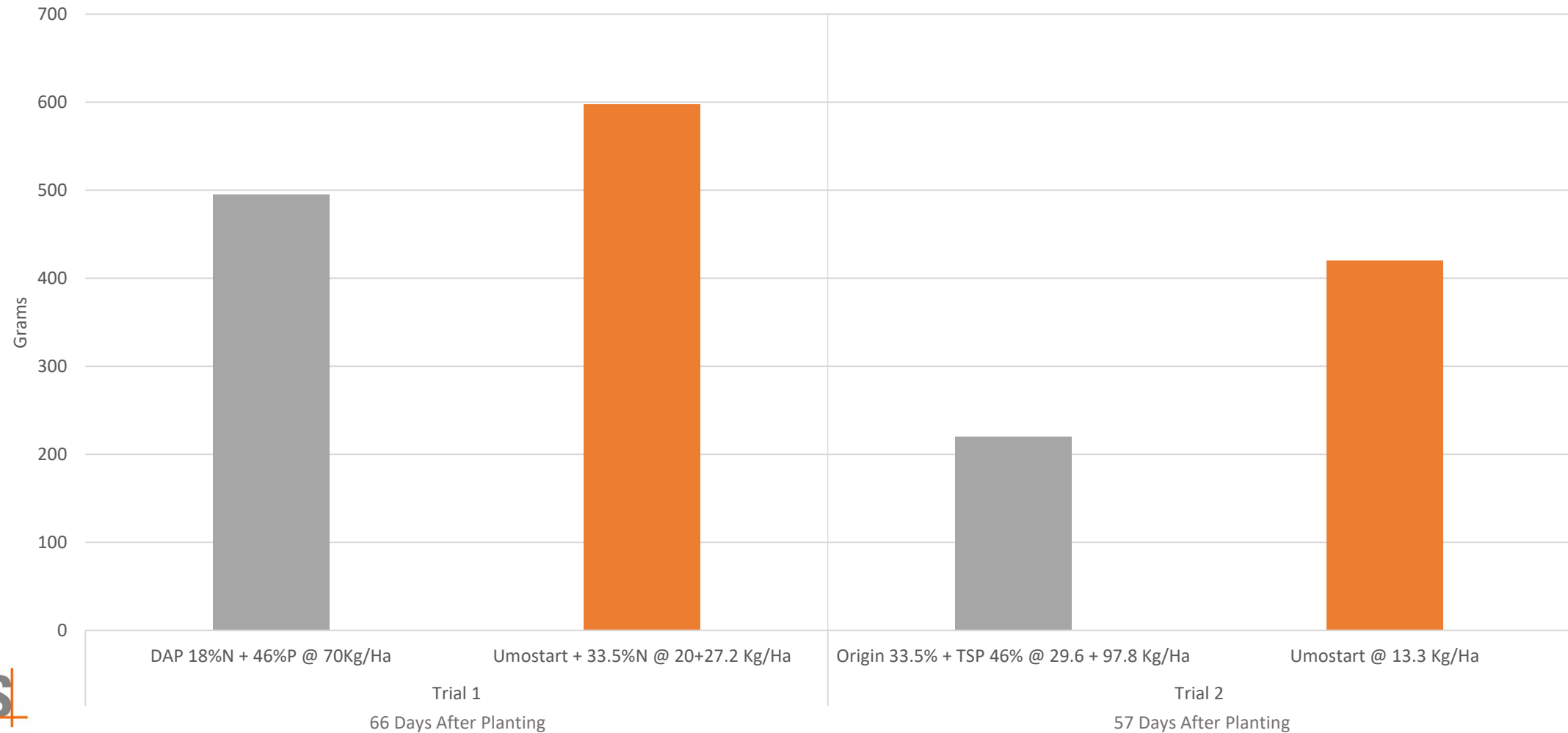
**Spring Barley - Root Weight**





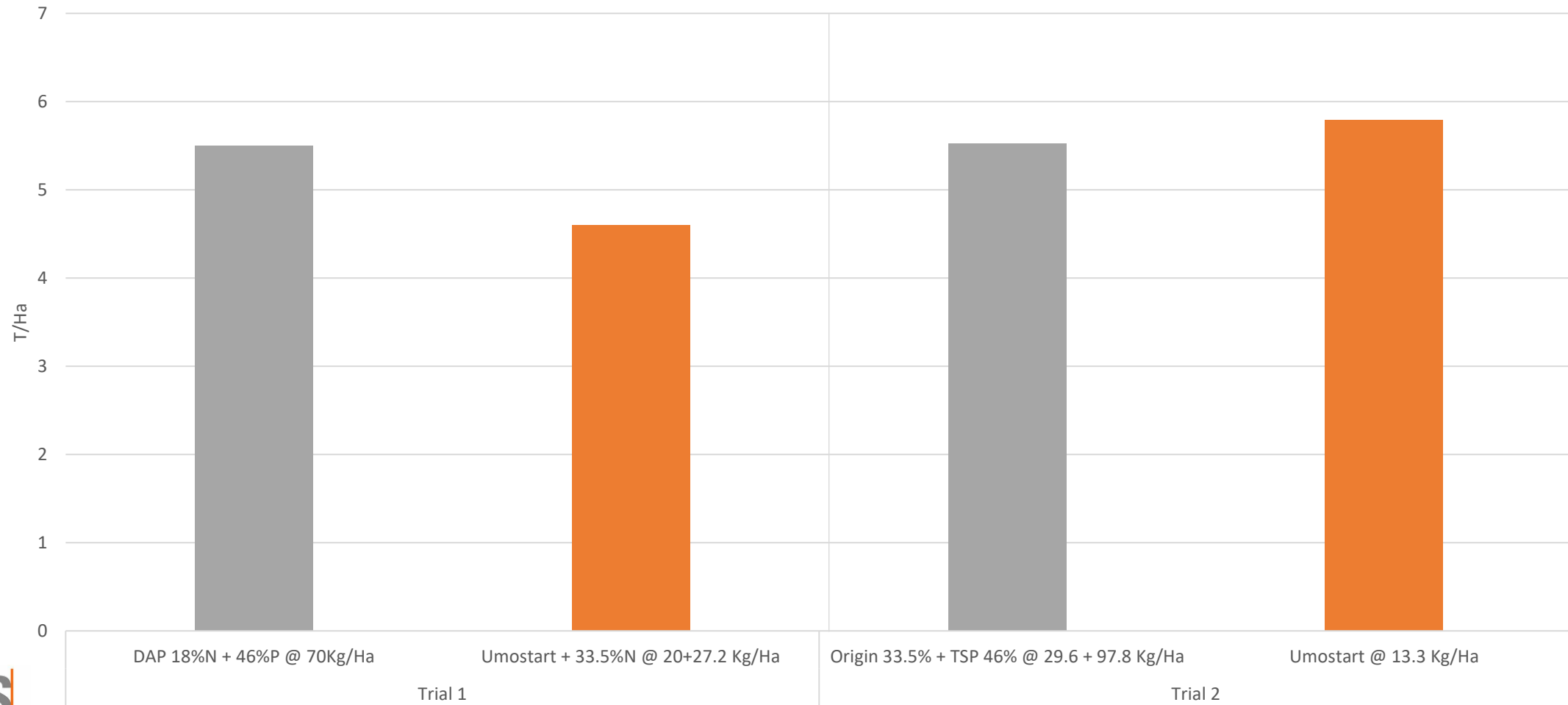
**INDEPENDENT TRIALS**

**Spring Barley - Top Weight**



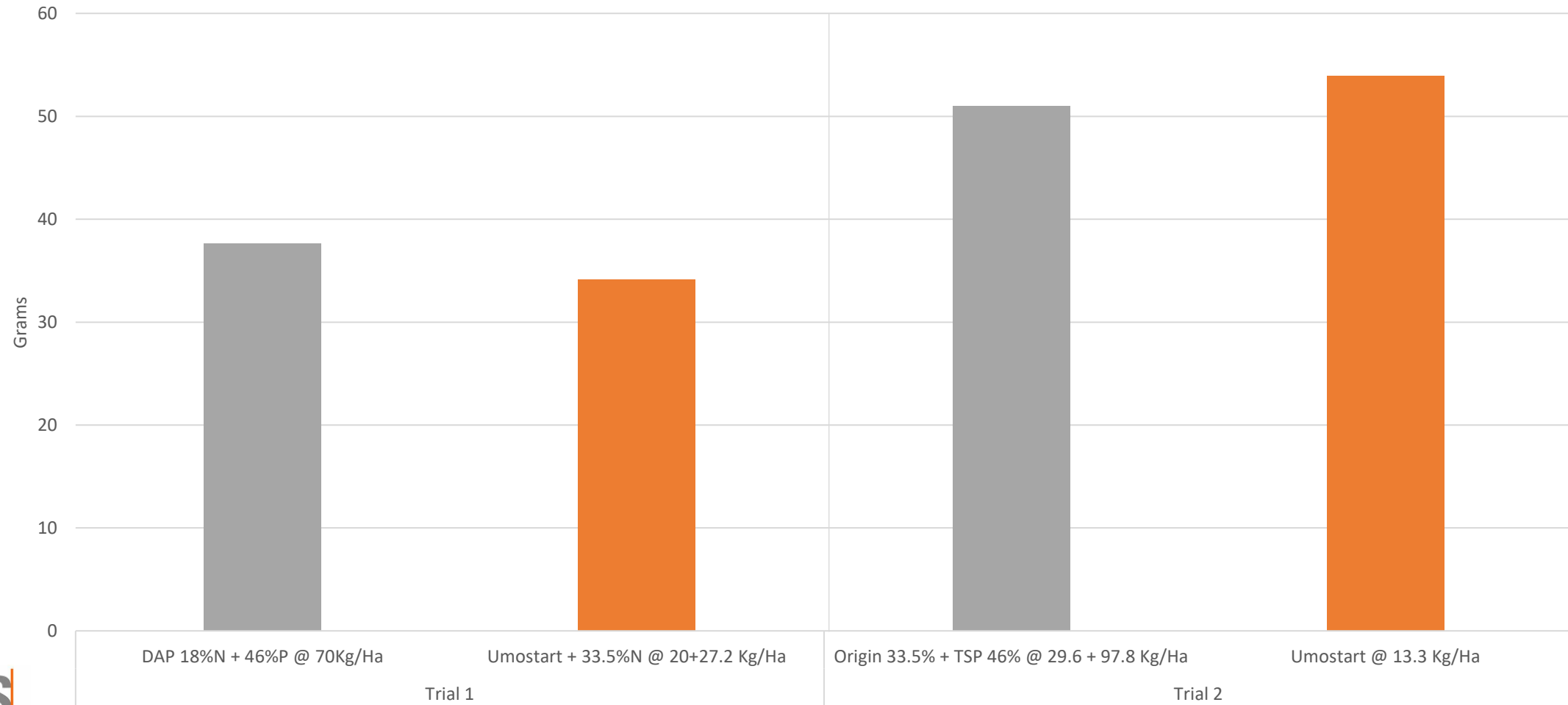
## INDEPENDENT TRIALS

### Spring Barley - Yield



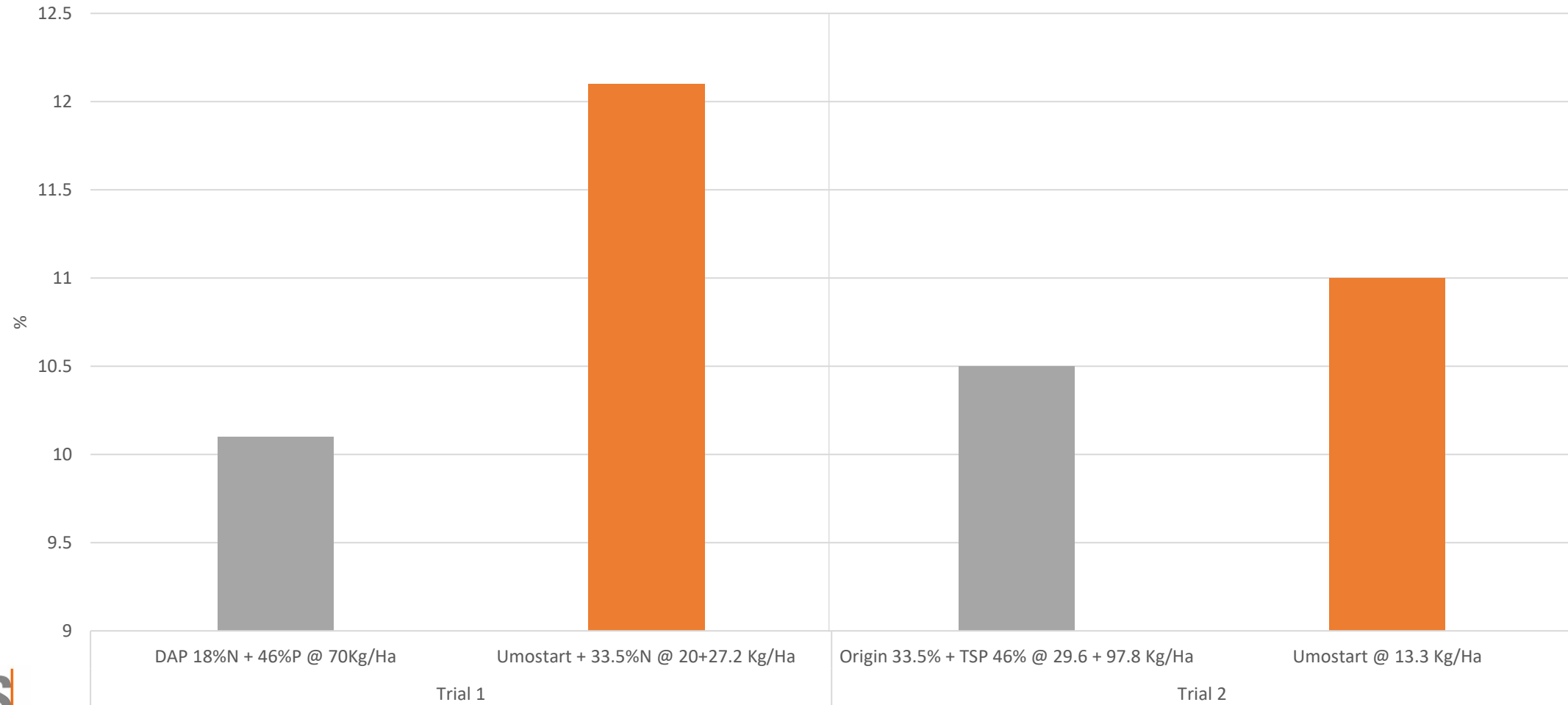
## INDEPENDENT TRIALS

### Spring Barley - Thousand Grain Weight



**INDEPENDENT TRIALS**

**Spring Barley - Protein**



## INDEPENDENT TRIALS

UNTREATED



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### UMOSTART – SPRING BARLEY

Treatments	Vigour	Root Length	Root Weight	Top Weight
Untreated (0 Fertiliser)	90	6.3	5.8	49.4
Umostart (20kg/ha)	100	6.9	16.1	99.5
<b>Difference</b>	<b>11%</b>	<b>10%</b>	<b>178%</b>	<b>101%</b>

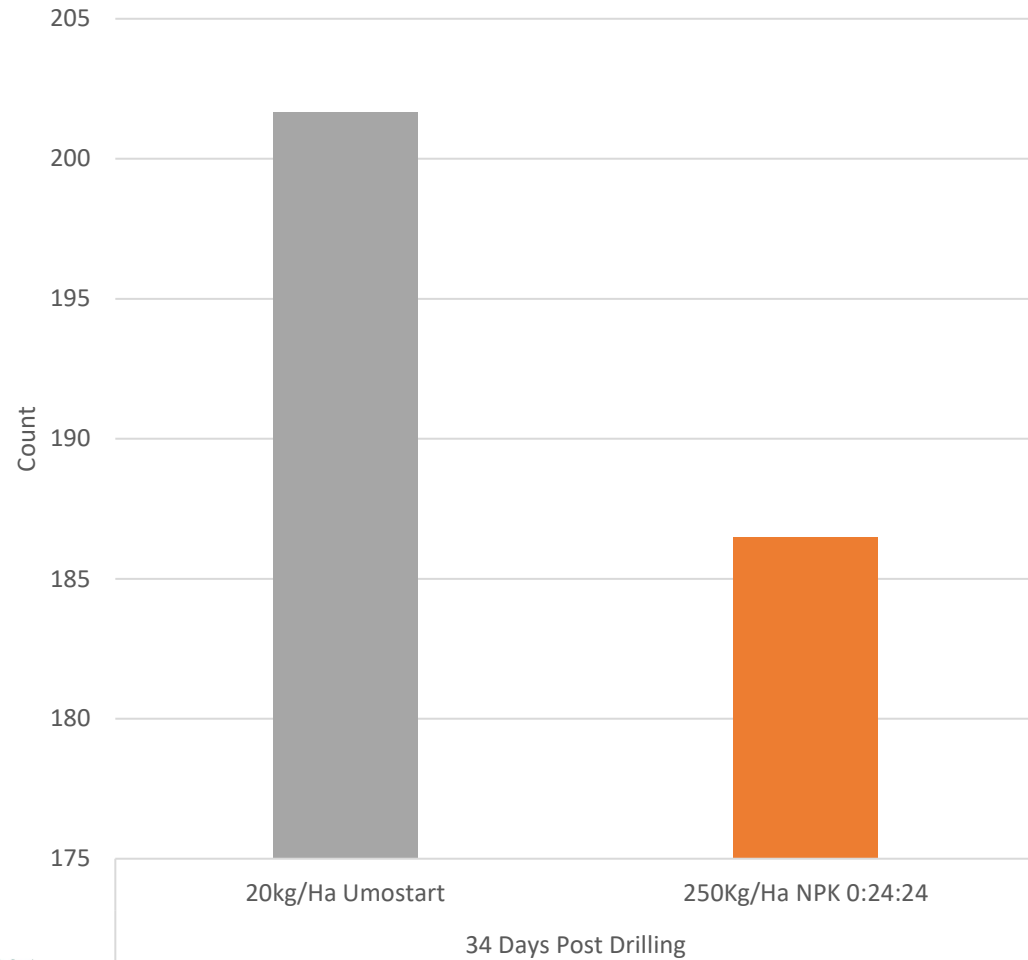
Assessed 7 weeks post-drilling

Drilled 08/03/2012 – Cultivar: Optic

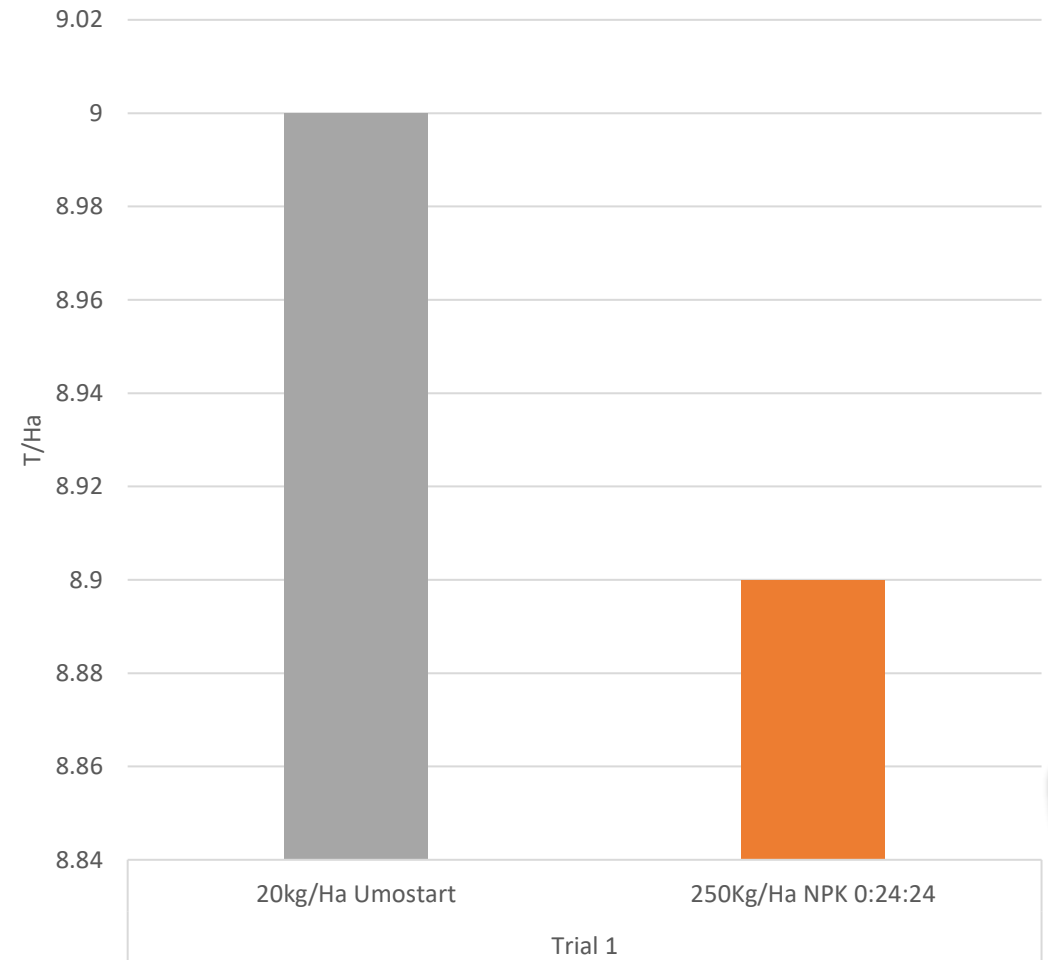


## INDEPENDENT TRIALS

### Plants/M2



### Winter Wheat - Yield



20 years experience in Spain

Numerous drill adaption options

Example (right): Side drill mount

Wheat drilling in September

Use 30-50 Kg/Ha



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