



AGROMASTER®
START MINI
Trial results

Durum Wheat *(Farah)* on a clay loam soil

The latest generation of starter fertilisers for seeded crops

ICL Agromaster® Start Mini is an advanced starter fertiliser for seeded crops, combining coated nitrogen and phosphorus with mini granules for safe, ultra-localised application near the seed. It supports strong rooting, fast plant establishment, and gradual nutrient release, improving phosphorus uptake while reducing stress during early growth stages, especially in cold conditions.

N	10%
P	40% P_2O_5
K	0% K_2O

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When

- Sowing date: 09 November 2023
- Harvest date: 18 June 2024

Where

Italy, Ravenna

Crop

Durum Wheat *(Farah)*

Soil type

Clay loam (33% Clay, 56% Loam , 11% sand), pH 8.19, organic matter 2.3%

Measurements

- Yield
- Tillers
- Root length

Objective

Evaluate performance of Agromaster Start Mini + V-Factor versus conventional NP fertilizers.

Trial set-up

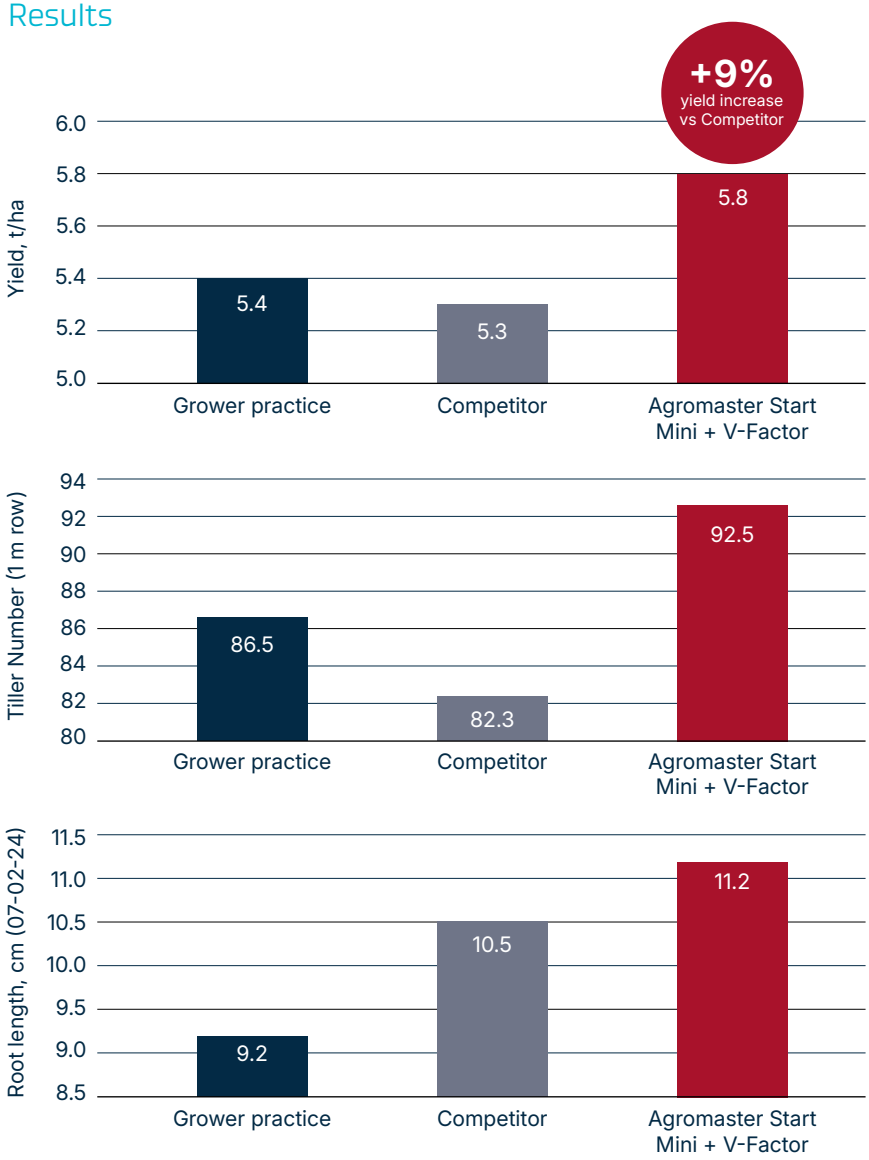
Randomized complete block design, 4 repetitions (10,5 m^2 each)
N treatment across all blocks:

- Mid tillering: AN27, 100 kg/ha
- Stem elongation: Urea, 180 kg/ha
- Booting: AN27, 125 kg/ha

Treatments

Treatment	Fertilizers	Application method	Kg/ha
Grower practice	DAP	Broadcast before sowing	150
Competitor	NP 10-20	Broadcast before sowing	200
Agromaster Start Mini + V-Factor (36% coated N, 36% coated P)	NP 12-40	In furrow at sowing	30

Results



Key conclusions

Agromaster Start Mini + V-Factor provided for enhanced plant development – longer roots, higher number of tillers, resulting in 7% higher yield versus Grower practice, and 9% higher yield over the competitor.

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