



AGROMASTER®

Trial results

Kiwi *(Actinidia chinensis)* on a clay-sandy loam

Master crop nutrition in any condition

No matter how challenging your growing conditions, you can count on Agromaster for top performance. It combines our advanced coating technology with specially selected conventional granules to give you optimum ease of use and outstanding results.

N	10%
P	10% P_2O_5
K	16% K_2O

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N COATED

When

2024 (harvest date 07-10-2024)

Where

Italy, Cisterna di Latina, Latina (LT)
41°36'15" N 12°49'3" E
Faldow: Az. Ag. Pianna

Crop

Kiwi (13 years)
(Actinidia chinensis cv. Gold 3)

Soil type

Clay-sandy-loam, pH 6,7, medium level of organic matter

Measurements

- Yield
- NUE
- ºBrix
- Fruit size

Objective

To evaluate the impact of Agromaster 10-10-16 (60% coated N) on the yield and quality of kiwi fruits, comparing to grower's practice, in high-yield conditions.

Trial set-up

Randomized complete block with 4 repetitions (10 plants each). The same fertigation with ICL WSNPK and NOVA range was applied on all the treatments.

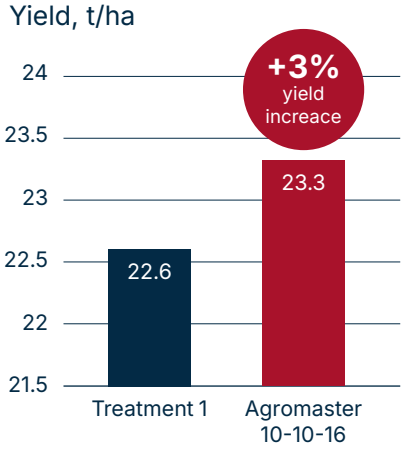
Treatments

Treatment	Application rate	N	P_2O_5	K_2O	MgO	CaO	SO_3
1. NPK 12-12-17+ Polysulphate Premium	300 kg/ha + 600 kg/ha	36	36	135	39	96	330
2. Agromaster 10-10-16+ Polysulphate Premium	360 kg/ha + 600 kg/ha	36	36	141	41	120	372

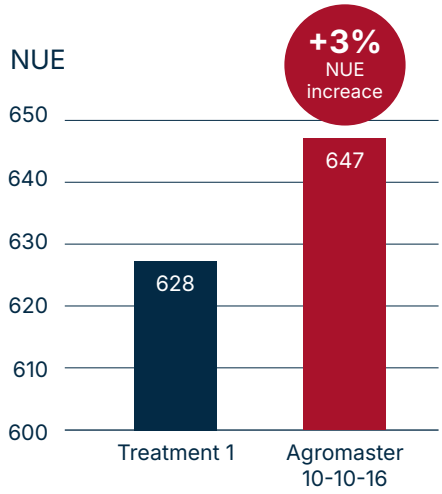
Application date: 05-04-2024

Results

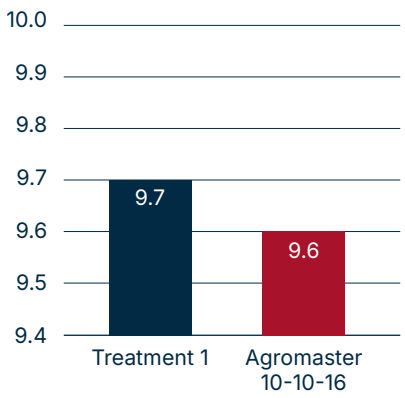
Yield, t/ha



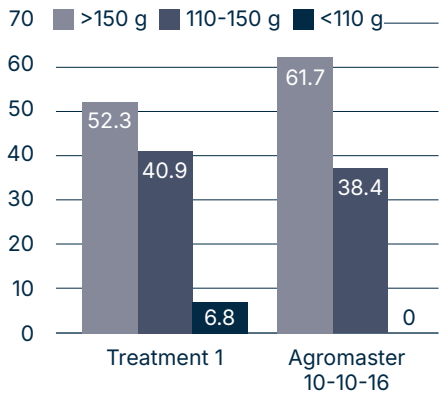
NUE



ºBrix



Fruit size, g/fruit (%)



Key conclusions

- In high yield conditions, with high level of nutrients supply, application of Agromaster provided for additional 3% yield and 3% higher nitrogen use efficiency, comparing to grower practice NPK.
- Usage of Agromaster also improved fruit size distribution (more fruits >150 g and no fruits below 110 g), with negligible impact on ºBrix value.

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