

AGROMASTER®

Trial results

Potato

(Madeira, Anabelle, Ranomi, Elfe, Fasan, Mikado)

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	7%
P	6% P_2O_5
K	28% K_2O

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eqo.X Release Technology · N COATED · 1-2

When

2024

Where

Germany, Biblis, Böhl, Bockenheim, Dirmstein

Crop

Potato *(Madeira, Anabelle, Ranomi, Elfe, Fasan, Mikado)*

Soil type

Biblis: loamy sand; Böhl: silty loam; Bockenheim: sandy loam; Dirmstein: silty loam

Measurements

- Yield
- Tuber size

Objective

Evaluate the performance of Agromaster 7-6-28, 1-2M (100% coated N) and Agromaster 7-6-28, 1-2M (100% coated N, 50% coated P) in potato production (focus on early potatoes).

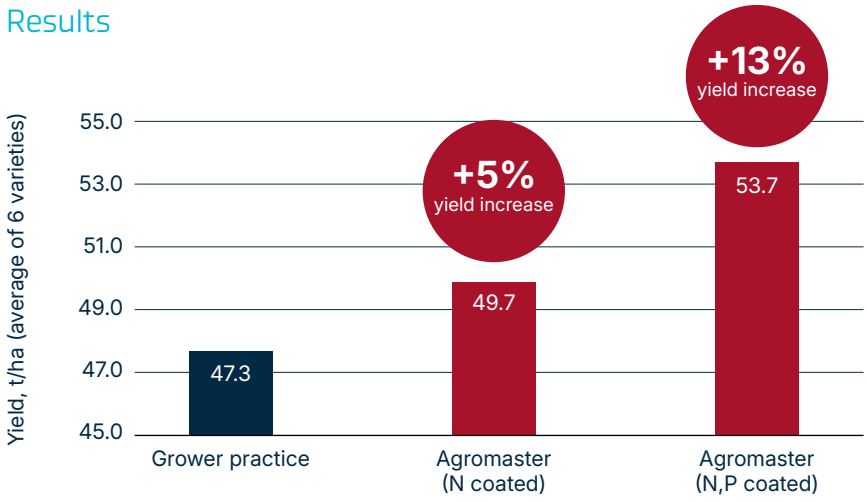
Trial set-up

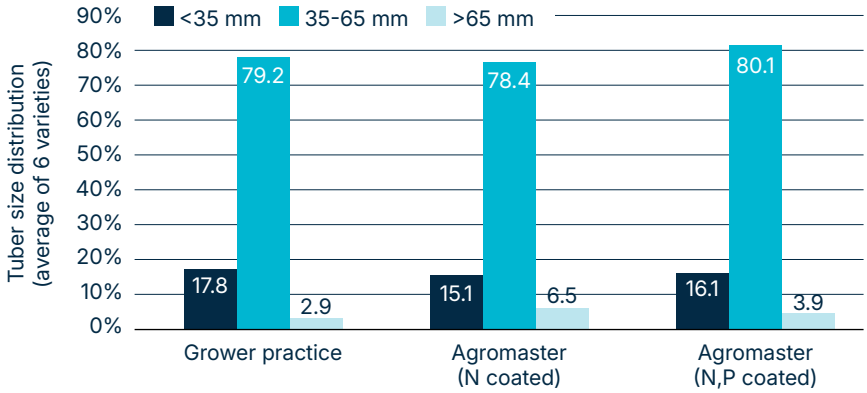
Stripes, repeated 4 times

Treatments

Treatment	N applied, kg/ha	P_2O_5 applied, kg/ha	K_2O applied, kg/ha
Grower practice	70	60	280
Agromaster 7-6-28, 1-2M (100% coated N)	70	60	280
Agromaster 7-6-28, 1-2M (100% coated N, 50% coated P)	70	60	280

Results





Key conclusions

- Fertilization with Agromaster's resulted in higher yield and bigger tuber size at all the trial locations, comparing to Grower practice.
- Agromaster 7-6-28, 1-2M (100% coated N) provided for yield increase of up to 11% (5% average per 4 locations).
- Agromaster 7-6-28, 1-2M (100% coated N, 50% coated P) showed even better results, especially in heavy soils, with yield increase of up to 18% (13% average per 4 locations).
- All agromasters were topped with various different N-Fertilizers to get to the full amount of N (180 kg N/ha).

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