



Potato: Azavis Neo

Aim of the trial

Study of repeated applications of the product Azavis Neo on potato yield.

General information

Conditions of the trial:

Trial location:	The Netherlands - Zeeland	Variety:	Alegria
Planting date:	13-05-2024	Harvest date:	03/10/2024
Fertilisation:	Pre planting: Superphosphate: 185 kg/ha + Potassium Chloride 60% K ₂ O: 200 kg/ha. 23/05/2024: KAS 27% + 4% MgO: 500 kg/ha. 20/06/2024: KAS 27% + 4% MgO: 250 kg/ha. 09/07/2024: Potassium Chloride 60% K ₂ O: 200 kg/ha.		
Irrigation:	Drip irrigation		
In cooperation with:	AIKC Rusthoeve - Delphy		

Experimental design:

Randomized trial with microplots. 4 replicates per modality. Area per microplot: 3 x 12 m = 36 m². The trial is carried out according to the Dutch pre-standard NVN-CEN/TS 17724

Treatments

2 modalities:

- **Untreated control**
- **Azavis Neo:**
 - o T1: start of tuber development at 2 kg/ha (11/07/24) – BBCH 39
 - o T2: +- 10 days later at 2 kg/ha (22/07/24) – BBCH 51
 - o T3: +- 10 days later at 2 kg/ha (30/07/24) – BBCH 70

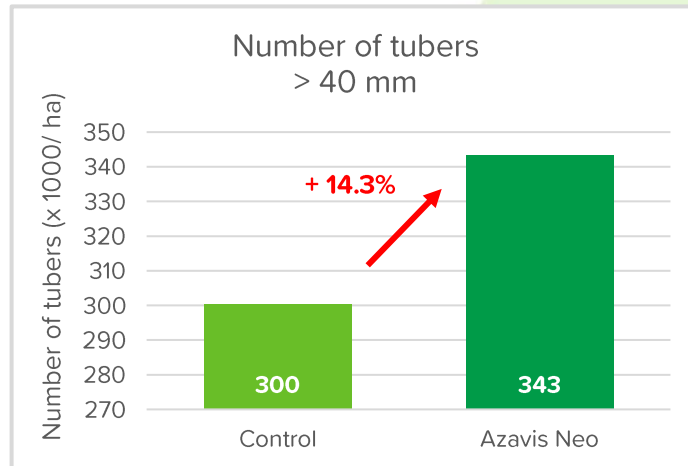
Results

Number of tubers:

Modality	Number of tubers per caliber (mm)					Total number of tubers
	0 - 28	28 - 40	40 - 50	50 - 70	70 +	
Control	370	41,111	99,259	192,963	8,148	341,852
Azavis Neo	1,111	40,000	108,889**	224,074*	10,370	384,444*

* Significant difference from the control (p < 0.15)

** Significant difference from the control (p < 0.05)



Yield figures:

Modality	Yield in kg/ha per caliber (mm)					Total yield (kg/ha)
	0 - 28	28 - 40	40 - 50	50 - 70	70 +	
Control	5	1355	7105	31030	2798	42295
Azavis Neo	14	1413	7911**	34887*	3348	47572*

* Significant difference from the control ($p < 0.15$)

** Significant difference from the control ($p < 0.05$)

