VEGETABLES · TRIAL RESULTS · CARROT AND TABLE BEET

Carrot and table beet: more roots that make the grade

A 2023 field trial at the Pūre Horticultural Experimental Station in Latvia tested Hortimed HUMUS SAPROPEL Biostimulant on carrot and table beet. Both crops gave more market-grade roots, and rejected carrots fell by almost half.

+33%
Market-grade carrot yield

-45%
Rejected (non-standard) carrots

+18%
Market-grade table beet yield

What it means for growers

- **More roots you can sell.** Market-grade yield rose by 33% in carrot and 18% in table beet.
- **Fewer rejects.** Non-standard carrots fell by 45% - less produce lost at grading.
- **Same effect in two crops.** Both root crops responded in the same direction in this trial.

Root yield

Measure (kg per plot)	Control	HUMUS SAPROPEL	Change
Carrot - market-grade yield	1.33	1.77	**+33%**
Carrot - non-standard (rejected)	0.57	0.31	-45%
Carrot - total yield	1.90	2.08	**+9%**
Table beet - market-grade yield	1.50	1.77	**+18%**

Trial at a glance

Crops	Carrot; table beet
Product tested	Hortimed HUMUS SAPROPEL Biostimulant
Location	Pūre, Latvia
Season	2023
Trial type	Field trial
Research partner	A/S Pūres Horticulture Experimental Station (agronomist S. Dane)

Product used

Hortimed HUMUS SAPROPEL Biostimulant

A liquid biostimulant made from sapropel - an organically rich freshwater lake sediment from Latvia. CE-marked under EU Fertilising Products Regulation (EU) 2019/1009, OMRI Listed and Ecocert-approved.

About this trial

Source: Field trials Hortimed HUMUS - carrot and table beet, A/S Pūres Horticulture Experimental Station, Latvia, 2023 (S. Dane, agronomist).

Results vary with season, soil, crop and management. Figures are trial averages and are not a guarantee of results on an individual farm.

Full trial reports - with methodology, weather data and complete quality tables - are available on request.

Request the full trial report