

Technical Bulletin

Defender F1

White Cabbage | All year Production

Defender F1 started as an autumn cultivar but quickly established itself as a year-round option under mild conditions. It has already shown strong summer cultivation performance and, because of its large frame potential, can be positioned for both loose-head and bagging market options.



Product Overview

Key Benefits

- Strong large-frame cabbage option for loose-head and bagging markets.
- Flexible production fit, starting as an autumn cultivar and expanding into year-round use under mild conditions.
- Performs well in summer cultivation where conditions and management are suitable.
- Can produce standard 4.5–5 kg heads, with potential for heavier heads under higher fertility programmes.
- Intermediate resistance to Black Rot supports production where disease pressure is present.

Technical Specifications

Specification	Details
Crop	Cabbage
Cultivation	Open field
Type	White cabbage Loose
Days to maturity	85–100 days after transplanting in winter 80–90 days after transplanting in summer
Head shape	Flat round Large frame
Head weight	4.5–5 kg standard 5–10 kg under higher fertilizer programmes
Plant stand	22 000–33 000 plants/ha

Disease Resistance Package

Disease Group	Resistance / Tolerance Package
Bacterial diseases	Intermediate resistance to Black Rot



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Grower Notes

- Target plant population should be adjusted according to market size requirements, with 22 000–33 000 plants/ha as a guideline.
- The large plant frame can support heavier head development when nutrition, irrigation and spacing are managed correctly.
- Defender F1 is suitable for autumn production and can be used more broadly in mild conditions where local performance is proven.
- Summer production should be managed according to regional climate, disease pressure and market requirements.

Disclaimer

Information provided in this bulletin is based on available observations and technical knowledge. Crop performance may vary according to climate, season, soil type, disease pressure and management practices. Growers should consult their local Hygrotech representative for area-specific recommendations.



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