

Valiant

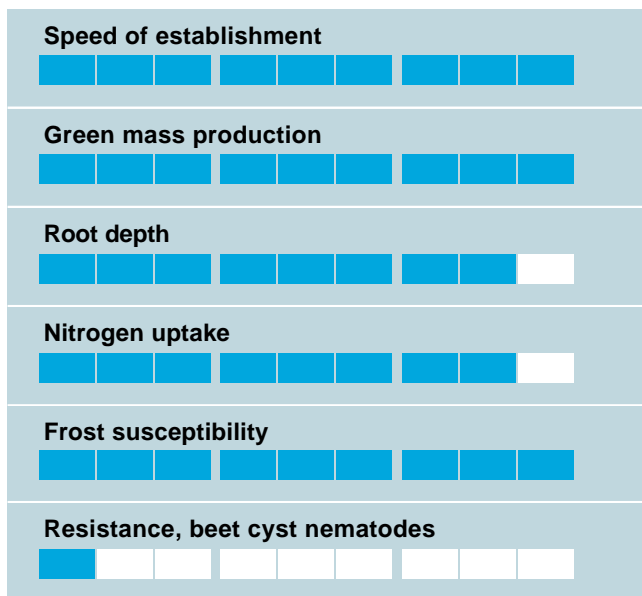
Sinapis alba



The green manure master

- Very quick establishment
- Fast development of full grown plants
- High uptake of nitrogen
- Improving soil structure and humus content

Ratings



An effective green manure crop

VALIANT develops very fast after seeding. Consequently VALIANT is highly capable of taking up nitrogen from the former crop, thus preventing nitrate leaching from the soil. This retained nitrogen is available for the successive crop and the need for bagged nitrogen fertiliser is reduced. At the same time, VALIANT adds organic material to the soil, improving the soil structure and humus content with a better water holding capacity as result.

Excellent for biofumigation

When VALIANT is in early flower stage, the crop can be chopped down and worked into the top soil. The chopped up crop will release glucosinolates which act as a biofumigant to kill nematodes, insects and even weed seeds. Best method is to chop, work into moist soil and pack all in one pass over the field. When properly managed, this will have the same effect on nematodes as a chemical fumigation, at a fraction of the cost.

	Early sowing (July 16th), harvest November 1st		Late sowing (August 6th), harvest November 2nd	
	Ton drymatter/ha,	Kg nitrogen uptake/ha	Kg drymatter/ha	Kg nitrogen uptake/ha
VALIANT	2,60	69	1,72	51
BRACO, nematode resistant	2,79	63	1,75	38

Yield and nitrogen-uptake of white mustard. Trials in Denmark 2010, Danish Advisory Service.