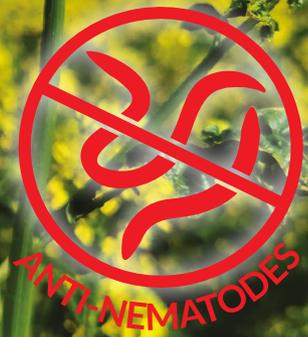


GRACJA

white mustard

**Nematode has
no chances!**



**Enhance
the taste!**



GRACJA

NEW

WHITE MUSTARD

► NEMATODE HAS NO CHANCES!



New variety registered in 2019.



Have very high anti-nematode properties. Gracja variety reduce nematode population by 29,6%.



Very high seed yield, up to 109% of the standard in COBORU research.



It shows very good health against alternaria brassicae and powdery mildew.



Variety with high resistance to lodging.



It is characterized by excellent seed quality parameters, with a very high TSW. The content of glucosinolates and synalbins is lower than the standards.

DISEASE RESISTANCE

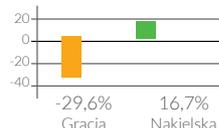
Alternaria brassicae



ANTI-NEMATODE PROPERTIES!



Effect of selected varieties of white mustard to loss/gain of beet nematode population. (*Heterodea schachtii*) in soil inhabited by nematodes (increase / loss of eggs and larvae in 100 g of soil%).



Yield of fresh mass of aboveground parts of plants grown in nematode-infested land (t/ha).



Yield of root mass of plants grown in nematode-infested land (t/ha).



The research carried out in 2020 on the soil inhabited by beetroot nematode showed that Gracja was effective in reducing the population of beetroot nematode during cultivation. It was also confirmed that the mustard Gracja does not multiply the beetroot nematode in the soil, as is the case with older mustard varieties. Gracja was characterized by high yields of fresh weight of the above-ground part of plants and high total yields of biomass, which corresponded to 2/3 of the average dose of cattle manure introduced into the soil for root crops (35 t fresh weight / ha). The yield of biomass of this variety was characterized by a high potential fertilizing value and may replace the fertilizing effect of cattle manure as a fertilizer that is more and more difficult to obtain.