

# Variety Description

## Variety

## ATLANTIS

Species	Fodder radish
Botanical name	Raphanus sativus
Ploidy	2
Seeding rate	25–30 kg/ha as catch crop
Distance between rows	as cereals
Sowing period	from July to late August
Sowing depth	2–3 cm



### Agronomic figures\*:

Susceptibility to beet cyst nematodes	2
Development after sowing	5
Inclination to flower	3
Tendency to lodging	3



### Clarification of figures\*:

1: very early, very low / 5: medium / 9: very late, very high

\* **Source:** Bundessortenamt [Federal Plant Variety Office] 2016, state variety tests

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#### Triple effect against

- Beet cyst nematodes (*Heterodera schachtii*)
- Gall-forming nematodes (*Meloidogyne chitwoodi*)
- Northern root gall nematodes (*Meloidogyne hapla*)

ATLANTIS is a late-flowering, triple-resistant fodder radish. Root-gall nematodes can cause a lot of damage to many crops, particularly potatoes and vegetables. The parasitic nematode test showed no increase in *M. chitwoodi* (0%!). Therefore, ATLANTIS is like a weapon against this dangerous pest. This variety has been classified as grade 2 for its resistance to beet cyst nematodes (> 88% reduction). Furthermore, ATLANTIS is very stable and has low inclination to flower. In addition, this variety also naturally reduces or checks the growth of other free-living nematodes. These include, e.g., the vectors of the viral corky ringspot in potatoes (TRV/trichodorids).

### Most important characteristics

Dual resistance against beet cyst nematodes and root-gall nematodes  
Nematode-resistant, grade 2  
Very low inclination to flower, despite extremely high mass development after sowing  
Excellent weed suppression  
Low tendency to lodging

