

Variety Description

Variety

TURBO

Species	White mustard
Botanical name	Sinapis alba
Ploidy	diploid
Seeding rate	25–30 kg/ha as catch crop
Distance between rows	similar to cereals
Sowing period	from July to late August
Sowing depth	2–3 cm

Agronomic figures*:

Vulnerability to Beet nematodes	2
Development after sowing	6
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] 2023, state variety tests

Variety description

TURBO's claim to fame is its superb efficacy at reducing beet nematodes, earning a grade of 2. Because the plant covers the ground very quickly, it successfully inhibits and suppresses weed growth. TURBO has a very low inclination to flower, which is particularly important when sown early in the season to counter nematodes. Among other uses, the variety is best suited for strip-till applications because of its high stability combined with the fact that it is reliably winterkilled, even with few frost events. Its especially good agronomic characteristics make TURBO a prized and important variety for professional catch crop cultivation.

Most important characteristics

High mass formation in early development
Nematode-resistant, grade 2
High stability
Low tendency to flower
Rapid root penetration

Usage

Alongside fodder radish, white mustard is Central Europe's most important catch crop species, both pure-sown as well as in mixtures. White mustard is characterised by very high field emergence rates and very reliable and rapid stand establishment, even in dry years and under unfavourable conditions. In mixtures, care should be taken to limit the relative proportion of white mustard, since its pronounced apical dominance leads it to suppress all the other species. When white mustard is used in crop rotations involving beets, only varieties that are resistant against beet nematodes may be used.

