

# White mustard

# SIGMA

Conventional white mustard for soil improvement



## Benefits:

- Highest score in the weed competition in the Austrian Variety List
- The strong and leafy development from **SIGMA** supports the soil tilth and protects against erosion
- Valuable organic mass promotes humus balance and conserves nutrients during winter
- Intensive rooting activates the soil life and improves the water and air balance of the soil
- Late flowering for a long vegetative phase - low risk of seed maturity
- Assured freezing off allows untroubled mulch sowing

## Variety characteristics: (Officially confirmed or respectively in line with Bundessortenamt)

	bad / early / short / low	good / late / long / high / tall
Initial mass formation		6
Tendency to flower	4	
Stiffness		7

Breeder: P. H. PETERSEN Saatzeit Lundsgaard GmbH, Version: 20.09.2018 / 11.00

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## Usage:

Green manure  
Ground water protection / Nitrogen conservation  
Mulch sowing  
Humus formation  
Protection against erosion

## Crop rotation suitability:

+ suitable / ++ strongly recommended

Maize	++
Cereals	++
Oilseed rape	
Sugar beets	
Potatoes	
Intensive crops	
Legumes	++

## Agronomic features:

bad / early / short / low      good / late / long / high / tall

Weed suppression	7
Protection against erosion	6
Ground water protection / Nitrogen conservation	7
Humus formation	5
Cold- and frost resistance	1
Drought tolerance	8

Type of root	Tuft root with strong main root
Rooting depth	120 cm

## Cultivation recommendations:

Recommended sowing rate	15 - 20 kg/ha
Sowing depth	1 - 2 cm
Sowing period	August to September - depending on location!
Fertilization	40 - 60 kg N/ha
Crop protection	Usually there is no plant protection required
Sowing method	Low demands on sowing methods: from spreader to drills seed

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