

Winter rye

PROTECTOR

Leading Forage rye



Benefits:

- Number one in German National Variety Trials for many years
- Ideal for early, energetic and high yield cuts as silage for biogas or in cattle feeding
- Excellent previous crop to maize - especially on sites with good water supply and vigorous weather conditions in spring
- The powerful initial development allows comparatively low seed rates, an early cultivation of the following crop and best protection against N-leaching
- **PROTECTOR** is also growing at temperatures where other types of rye have already stopped their growth
- The high stocking performance and intensive soil coverage in autumn offer good weed suppression and save erosion protection
- The continuous nutrient acquisition enables the efficient use of organic fertilizer (manure or fermentation residues)

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

	bad / early / short / low	good / late / long / high / tall
Dry matter yield		6
Dry matter content		5
Protein content		5
Mass formation after beginning of vegetation		6
Stiffness		4
Plant height		5

Breeder: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 26.07.2022 / 24.00

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Usage:

Biogas- and fodder production
Green manure
Humus formation
Protection against erosion
Ground water protection / Nitrogen conservation

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	8
Ground water protection / Nitrogen conservation	7
Humus formation	7
Cold- and frost resistance	9
Drought tolerance	5

Type of root	Tuft root
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Cultivation recommendations:

Recommended sowing rate	Cover crop: 200 grains/m ² ; Feed use: early 250 grains/m ² , normal 320 grains/m ² , late 400 grains/m ²
Sowing depth	2 - 4 cm
Sowing period	Early September until late October - depending on location!
Fertilization	40 - 100 kg N/ha
Crop protection	No need for herbicide and fungicide measures when used for green cutting. Growth control when required in bolting
Sowing method	Seed drilling secures high field rises
Harvest	Only on windrows, with about 18 % dry matter content

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