

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 |
| Crude protein content | | 5 |
| Mass formation after beginning of vegetation | | 6 |
| Resistance to lodging | | 5 |
| Plant height | | 5 |

Züchter: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 12.10.2018 / 23.00

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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 |
|--------------|-----------|

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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