

Spring protein pea

HELIUM

Yields on top of the world!



Benefits:

- Semi-leafless variety with high biomass production
- Very high protein content combined with top biomass yield
- Fast development with good ground cover - excellent weed suppression
- High seed yield - also suitable for grain usage
- High fodder value
- Especially suited for silage blends

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

	bad / early / short / low	good / late / long / high / tall
Grain yield		8
Protein content		6
Protein yield		6
Foliage yield		8
Start flowering	5	
Plant height		7
Stiffness		7
Maturity	4	

Breeder: P. H. PETERSEN Saatzucht Lundsgaard GmbH, Version: 06.06.2023 / 2.00



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Usage:

Grain use
Suitable for human and animal nutrition

Cultivation recommendations:

Recommended sowing rate	60 - 80 grains/m ²
Sowing depth	4 - 6 cm; good water supply essential
Sowing period	Middle of March to end of April
Fertilization	No N-fertilization necessary. Depending on the nutrient content of the soil and nutrient extraction 40-60 kg P ₂ O ₅ /ha, 100-130 kg K ₂ O/ha and about 20-50 kg MgO/ha are advised.
Crop protection	Use herbicides during pre-emergence or mechanically hoe or harrow the field for weed control. Post-emergence herbicide application specifically against grasses is possible. When considering usage of fungicides and insecticides mind the damage threshold.
Sowing method	Single or double row spacing is beneficial for the yield; if necessary roll after sowing
Harvest	At harvest pods and stems should be brown, the grains hard. Optimal moisture for harvesting 14-16%. Use protective setting for threshing to avoid broken grains and micro cracks.
Cultivation	This cultivation advice is for the grain usage of HELIUM. When used in silage blends please follow the advice of the specific blend.

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