

# FRESNEL



- Highest grain yield level with good protein content
- Frost tolerance up to about -10°C - possible frost damage usually compensated by good tillering ability
- Best winter hardiness at 2 - 4 leaf stage
- Better regeneration and compensation due to longer vegetation period
- Early ripeness and good resistance to lodging provide good harvest conditions
- **FRESNEL** leaves good soil condition for the following crop
- Due to early ripeness and average growth height well suited for mixed cultivation

	bad / early / short / low	good / late / long / high / tall
Grain yield	9	
Thousand grain weight	8	
Protein content	6	
Protein yield	8	
Start flowering	2	
Plant height	5	
Stiffness	7	

Winter pea

# FRESNEL

Good yielding with very good winter hardiness

## Usage:

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Grain use  
Biogas- and fodder production  
Nitrogen fixation  
Suitable for organic farming

## Cultivation recommendations:

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Recommended sowing rate	70 - 90 grains/m <sup>2</sup>
Sowing depth	4 – 6 cm
Sowing period	October until early November - depending on location!
Fertilization	40-60 kg P <sub>2</sub> O <sub>5</sub> /ha, 100-130 kg K <sub>2</sub> O/ha, 20-50 kg MgO/ha, N-fertilization is not necessary
Crop protection	Herbicide in pre-emergence; Fungicide is recommended in early spring
Sowing method	Drill seed in a dry, permeable seedbed with good crumb structure
Harvest	At 14 - 16% water content of the seed

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