

LEGUMINOUS



# N-FIX

Chickling vetch

Grow 150 units of nitrogen / ha in 4 months !\*

- ◆ Excellent intercrop for spring crops
- ◆ Very good adaptation to summer conditions : resistance to drought and heat, and highly efficient use of water
- ◆ Fast nodule formation : 15 days after emergence



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# N-FIX

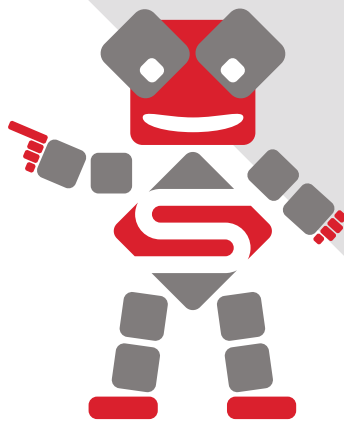
## Chickling vetch

### USES

COVER CROP  
BIOGAS PRODUCTION  
COMPANION PLANT

### CHARACTERISTICS

- ◆ High biomass production
- ◆ Good growth on short days
- ◆ Repellent effect on slugs (secretion of neurotoxins)



### GROWING TIPS

**Crops benefiting from the intercrop : Rapeseed** (excellent companion plant), cereals, corn, beetroot, potatoes...

**Ease of implantation : ++**

**Sowing date :** Well suited to early sowings

**Sowing depth & TGW : 3/4 cm** - Approx. **180 g**


**Sowing rate in pure & targeted density :**  
+/- 50 kg/ha  
+/- 30 plants/m<sup>2</sup>



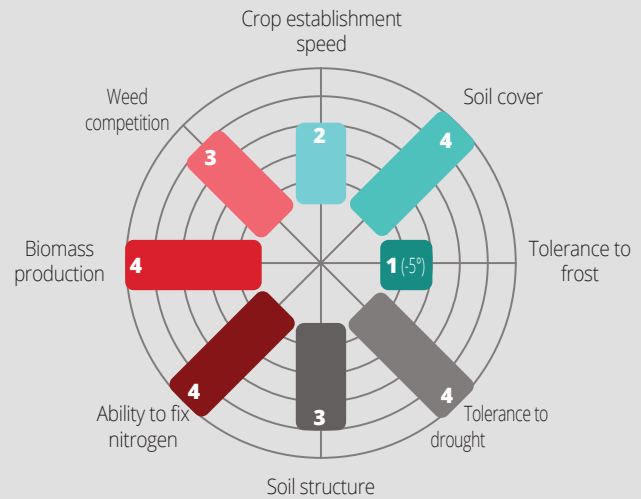
Seeding technique	Under the combine cutterbar	Direct seeding	Simplified Cultivation Techniques	After ploughing
Adaptation	-	+	++	+++



Destruction method	Frost	Schredder, roller, chopper	Rolling on frost	Stubble cultivator	Plough	Glyphosate	Glyphosate + 2,4D
Efficiency	+ (-5°C)	-	++	+/-	++	+/-	++

 Before planting vegetation cover, find out about the regulations in force in your region (Nitrate Directive), particularly with regard to the choice of species and the dates and methods of destruction.

Data sources :  
CTPS / ARVALIS - \* breeder/partner data - The agronomic and technological information provided in this document may vary from one year to the next depending on the region and agroclimatic conditions.



### AGRONOMY

#### SPECIES

Chickling vetch (*Lathyrus sativus*)

#### FAMILY

Leguminous plant

#### CYCLE

Long (> 4 months)

#### Plant port

Creeping

#### Root system

Taproot

#### Ease of integration in mixtures

Excellent



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