

CW 99 OL

Safflower

Hyper-resistant to dry conditions

- ◆ Effective break in cereal rotations
- ◆ Excellent alternative to sunflower for intercropping thanks to a better ability to grow later in the season
- ◆ Strong soil restructuring effects
- ◆ Well suited to early sowings
- ◆ Susceptible to frost and easy to destroy (-3°C)



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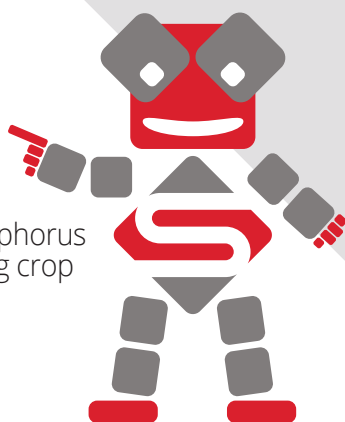
Safflower

USES

COVER CROP
BIOGAS PRODUCTION

CHARACTERISTICS

- Resistant to high temperatures and water stress
- Can be sown later than other asteraceas
- Traps nitrogen residues and mobilizes soil reserves of phosphorus and potassium for the following crop
- Meliferous plant



GROWING TIPS

Crops benefiting from the intercrop : Plant family not often used in the rotation. Well suited before any crop other than sunflower.

Ease of implantation : ++

Sowing date : Well suited to early sowings

Sowing depth & TGW : 2/3 cm - Approx. 40 g

Sowing rate in pure & targeted density :
+/- 15 kg/ha
+/- 30 plants/m²



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

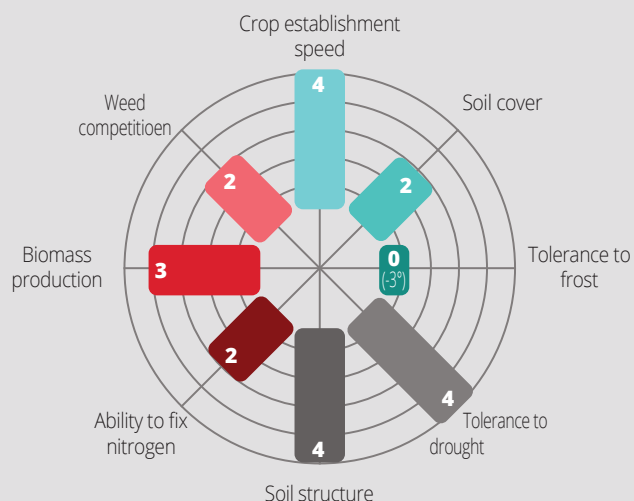


Destruction method	Frost	Schredder, roller, chopper	Rolling on frost	Stubble cultivator	Plough	Glyphosate	Glyphosate + 24D
Efficiency	++ (-1 to -3°C)	+	++	+	++	+/-	++



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

Safflower (*Carthamus tinctorius*)

FAMILY

Asteraceae

CYCLE

Short (± 3 months)

Plant port

Erected

Root system

Taproot

Ease of integration in mixtures

Excellent



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