

PARTNER ELITE

Companion plants
to combine with
rapeseed

The advantage of a low
TGW faba bean

- ◆ Disruptive effect on insects
- ◆ Favors rapeseed establishment and growth in autumn
- ◆ Structuring effect on the soil for better development of the rapeseed roots
- ◆ Good competitive effect on weeds



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Companion plants to combine with rapeseed

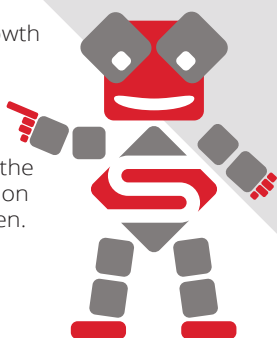
USES

COVER CROP
COMPANION PLANTS

CHARACTERISTICS

Faba bean : High biomass production, upright growth habit, disruptive effect on autumn insects, soil structuring effect, improved soil drainage.

Black forage lentil : Fast growing legume, not very competitive with rapeseed, gels (-7°C), occupies the lower stratum of the mixture, competitive effect on weeds, one of the best legumes for fixing nitrogen.



GROWING TIPS

Crops benefiting from the intercrop : Rapeseed association

Ease of implantation : ++

Sowing date : Sowing rapeseed

Sowing rate & depth : +/- 50 kg/ha - +/- 2 cm

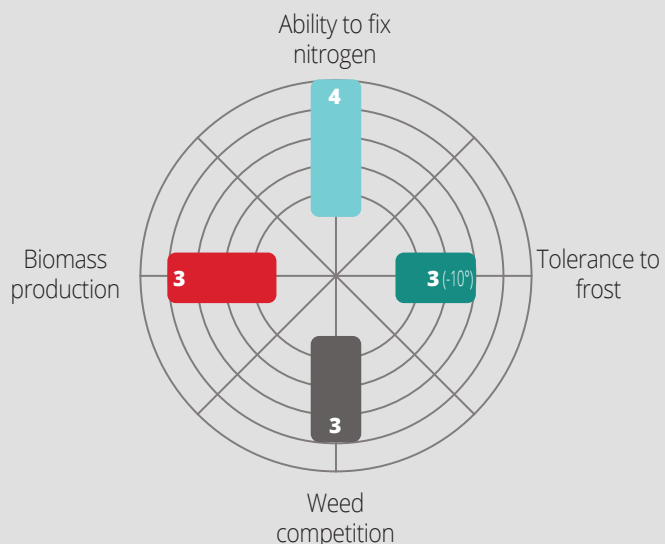


Seeding techniques

- ◆ Single pass sowing, mixing rapeseed and cover crop in the same hopper
- ◆ One pass sowing using 2 hoppers if equipment permits it
- ◆ Sowing on the same day, with the cover crop planted with a cereal drill or broadcast drill before the rapeseed. The rapeseed is then planted using a precision drill

Destruction techniques

- ◆ By frost in frosty areas
- ◆ By chemistry at the end of winter for other areas



AGRONOMY

CEPP 0,03
Certificat d'Economie de Produits Phytosanitaires

SPECIES (FAMILIES)

Faba bean (Legume)
+ Black forage lentil (Legume)



Faba bean



Black forage lentil



Legumes	Cycle	Vigor	Soil cover	Resistance to heat / drought	Weed competition	Frost susceptibility	Risk for rapeseed if winter destruction fails	Ability to fix nitrogen
Faba bean	Short	++++	++	++++	++	++++	++++	++++
Black forage lentil LENTIFIX	Short	+++	++++	+++	++++	++++	++++	++++



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.



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