



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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PARTNER ELITE

Companion plants to combine with rapeseed

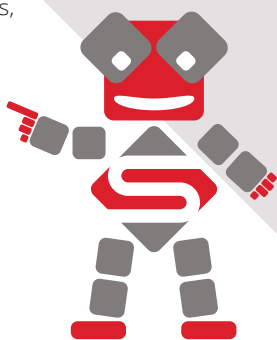
USES

COVER CROP

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 oilseed rape, gels (-7°), 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

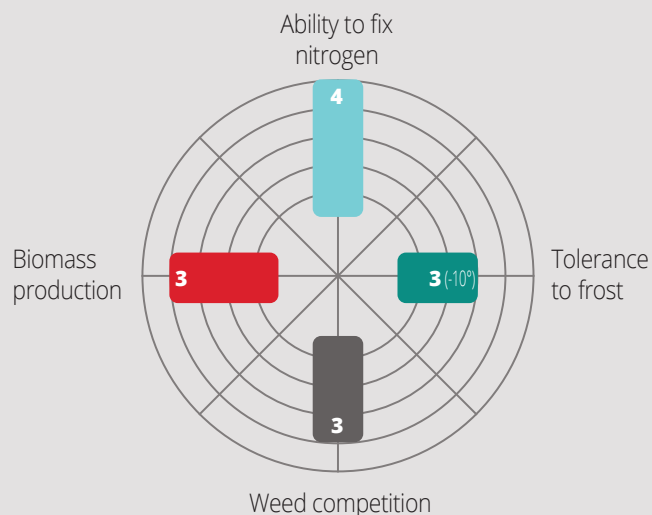


Seeding techniques

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

Destruction techniques

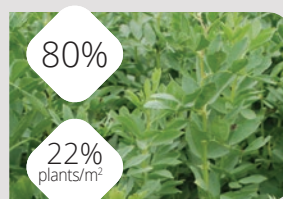
- ◆ By frost in frosty areas
- ◆ By chemistry at the end of winter for other areas



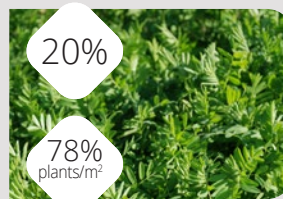
AGRONOMY

SPECIES (FAMILIES)

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



Faba bean



Black forage lentil



Legumes	Cycle	Vigor	Soil cover	Résistance heat / drought	Weed competition	Frost susceptibility	Risk for rapeseed if winter destruction fails	Nitrogen fixation
Faba bean	Short	++++	++	++++	++	++++	++++	++++
Black forage lentil LENTIFIX	Short	+++	++++	+++	++++	++++	++++	++++



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

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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