PARTNER TRIO

Companion plants to combine with rapeseed

The reference for every zone

◆ Easy to sow and destroy,
Can be sown using the seed drill's micro-granulator, frost speciesves

◆ Excellent early vigor

◆ Highly resistant to heat and dry

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PARTNER TRIO

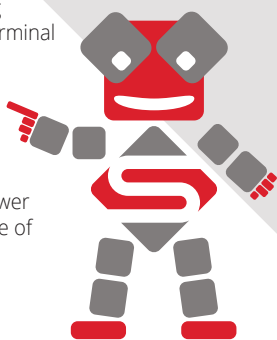## Companion plants to combine with rapeseed

USES

COVER CROP

CHARACTERISTICS

Fenugreek : Fast-growing, not very competitive, upright habit occupying the upper stratum, not very demanding in terms of water, repellent effect on flea beetles and terminal bud weevils, gels (-5°).

Chickling vetch : Fast-growing, susceptible to frost, competitive effect on weeds, one of the best legumes for nitrogen fixation.

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 the intercrop : Rapeseed association

Ease of implantation : ++++

Sowing date : Sowing rapeseed

Sowing rate & depth : +/- 22 kg/ha - +/- **2 cm**

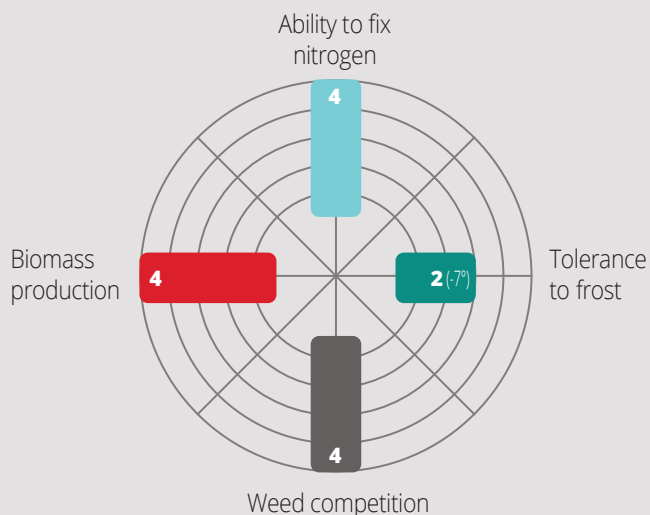### Seeding techniques

◆ 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 drll or broadcast drill before the oilseed rape. The rapeseed is then planted using a precision drill
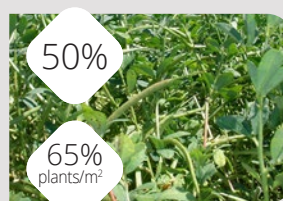
Destruction techniques

◆ By frost in frosty areas

◆ By chemistry at the end of winter for other areas
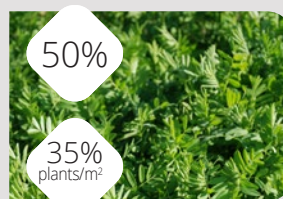
AGRONOMY

SPECIES (FAMILIES)

Fenugreek (Fabaceae)
+ Black forage lentil (Fabaceae)
+ Chickling vetch (Fabaceae)

50% — 65% plants/m^2 — Fenugreek

20% — 2% plants/m^2 — Checkling vetch

50% — 35% plants/m^2 — Black forage lentil

Radar chart:
- Ability to fix nitrogen: 4
- Tolerance to frost: 2 (-7°)
- Weed competition: 4
- Biomass production: 4

Legumes	Cycle	Vigor	Soil cover	Résistance heat / drought	Weed competition	Frost susceptibility	Risk for rapeseed if winter destruction fails	Nitrogen fixation
Chickling vetch N-FIX	Intermediate	++	++++	++++	++++	++++	++++	++++
Fenugreek FENU-FIX	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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