

PACK

SYMBIO

WINTER RAPE HYBRIDS ASSOCIATED WITH COMPANION PLANTS



BENEFITS

A SECURE READY-TO USE MIX OF PREMIUM VARIETIES

- Bringing until +1,5 qx/ha

RAPESEED HYBRID

- Select with high and stable performance for good agronomical behaviour (diseases, stem elongation,...etc)

ES ALICIA

- The earliest wosr as pollen beetle's trap

USE CLASSICAL SEED DRILL

CULTURE TIPS

1 RAPESEED

- **ES ALICIA** at 7% (3pl./1m2) is efficient in weak to medium situations. Be careful to be under the threshold of 5 to 7 pollen beetles per plant on the main variety. Otherwise, an application is necessary.

2 COMPANION PLANTS

- Early sowing is highly advised, at least 1 week compare to classical WOSR sowing.
- Avoid the parcel with a high weeds pressure to install the mix especially geranium, galium, etc...and no use of herbicide including clomazone/napropamid to keep the cover.



COMPONENTS

1 single bag
20 kg for 1HA



36%	FENUGREEK	48
53%	ERVIL	46
1%	ES ALICIA	3
10%	RAPESEED HYBRID	40

% by weight of number of seeds/m2

Number of seeds/m2

Rapeseed density remains the same as a rapeseed field

This bag contains a number of rape seeds to ensure the same density as the usual rapeseed crop.



WHY THIS MIX ?

- Disrupts insects in different ways: in autumn due to the presence of companion plants (different aspect, repulsive smells) and in spring by the action of **ES ALICIA**.
- Reduces weeds thanks to the cover of companion plant on the soil.
- Improves the nitrogen input up to 30 units for rapeseed if the cover is well-developed thanks to the action of companion plant which absorb nitrogen.
- Improves the soil structure with the cover of the soil: less erosion, rooting of the companion plant.

ES ALICIA

- Earlier flowering by 7 to 10 days compared to **RAPESEED MAIN HYBRID** in order to decrease the yield losses due to pollen beetle
- Reduces an insecticide treatment
- Better for users and auxiliary fauna protection



FENUGREEK AND ERVIL

- Capacity to produce nitrogen
- Adapted to all conditions thanks to high frostiness of cover (-4°C)
- A non invasive companion plant for the main rapeseed crop



HOW DOES IT WORK ?

1

AVOID USE OF PRE-EMERGENCE HERBICIDES.

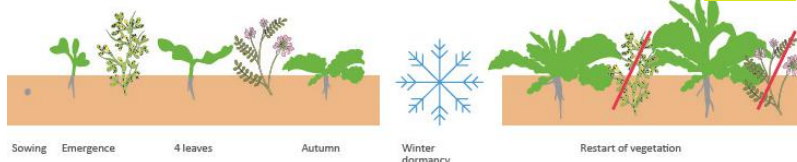
2

ADAPT HERBICIDE USE ACCORDING TO COVER CROP AND WEED PRESSURE (FROM 2-4 LEAVES STAGE OF OILSEED RAPE).

3

COVER CROP GENERALLY DIES OFF OVER WINTER. IF IT SURVIVES, IT MUST BE DESTROYED.

MARCH/APRIL
+++ NITROGEN



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The information provided in this document is for informational purposes only, and may vary according to agricultural and climate conditions, as well as cultivation techniques. Disease resistance information applies to diseases or strains currently known in France. March 2021. Source: R&D Lidea.

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