

Cérience
L'AGRONOME SEMENCIER

LEAFY

ALFALFA

**MORE LEAVES,
MORE PROTEIN!**



LEAFY

Type : Winter active (fall dormancy : 6,5)
Persistency : 4 years and more
Protein content : 24,1% (internal trials)

Sowing rate :
 - 20 to 25 kg/ha (8 to 10 kg/ac) straight
 or 2 Précidose®/ha

Pest and disease resistance

- Stem nematodes: LR
- Verticilium wilt: HR
- Phytophthora root rot: R
- Fusarium wilt: R
- Anthracnose: R
- Bacterial wilt: R
- Spotted alfalfa aphid: MR
- Pea aphid: HR
- Blue alfalfa aphid: R

Trials performed in the United States, 5 resistance categories are considered :
 S = Sensitive ; LR = Low Resistance ; MR = Moderate Resistance ;
 R = Resistance and HR = High resistance. R = Resistant ; MR = Moderately Resistant

BENEFITS

- **High productivity in mediterranean climates:**
 - LEAFY is a variety coming from our breeding program of varieties adapted to mediterranean climates.
 - LEAFY is a winter active variety with high yielding potential in mediterranean climatic regions (109% compared to reference varieties in trials performed in Portugal).
- **Improved quality:**
 - Our breeding program focuses on enhancing nutritional value (protein content, digestibility).
 - As the name suggests it, LEAFY is a very leafy variety, with high protein content.

Its persistency is secured by its strong resistance to insects and diseases, particularly anthracnose.



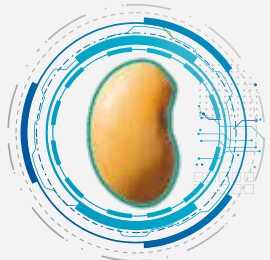
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is also available with different seeds coating technologies:

- S.A.S LIFE PREMIUM** mycorrhizae + rhizobium + nutrients cocktail : a technology which optimizes the water and nutrients absorption and improves stress resistance.
- S.A.S GOLD PREMIUM** rhizobium + nutrients cocktail : a ready-to-use product that maximizes the potential of alfalfa.
- S.A.S ENERGY** nutrients cocktail : a coating which secures crop establishment and yields while preventing trace-elements deficiencies.
- S.A.S READY** rhizobium: pre-inoculated seeds for a secured crop development.



PRE-INOCULATION
RHIZOBIUM
MICRO-ORGANISMS
MYCORRHIZAE
With OZOR®



MICRO-NUTRITION
TRACE ELEMENTS

Our S.A.S range for alfalfa contains 84% seeds and 16% coating solution, except the S.A.S READY which 70% seeds and 30% coating solution. Our alfalfa seeds can be packed in Précidose®, an efficient packing which guarantees an accurate number of seeds per bag. Using 2 Précidose®/ha ensures an optimal sowing density of 900 seeds/m².

FOR WHAT USE?

Grazing	Mowing	Deshydratation

- Sowing :**
- Choose suitable fields for cultivating alfalfa : well drained soils and pH above 6.5. Consider liming if necessary;
 - Ideally sow in spring for a better establishment;
 - In summer, drill as soon as the previous crop has been harvested.
 - Prepare a thin seed bed to ensure optimal soil-seed contact;
 - Sow at a depth of 0.5 to 1 cm maximum. If bare or S.A.S ENERGY coated seeds are used, it is advised to inoculate the seeds with a *Rhizobium melloti* strain prior to sowing, particularly if no alfalfa has been cultivated for the past years, but also in case the organic matter content of the soil is low.
 - Roll right after sowing.

- Protection :**
- Monitor slugs during the establishment and take action if necessary.
 - Control weeds at 3-4 trifoliolate leaves stage if needed.

- Fertilisation :**
- Perform soil analysis regularly in order to know the pH and the nutrients contents with accuracy. Adjust fertilization accordingly;
 - Make sure you compensate the nutrients that are exported and increase your inputs in case of poor soils.
 - Alfalfa is very demanding in potassium (K₂O) and, to a lower extend, in phosphorus (P₂O₅).



Packaging : 15 or 25 kg bags
 or
 Précidose® (4.5 million seeds units)



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 This document is provided for information purposes only. Recommendations may vary according to local soil and climate conditions and local agricultural practices.