

Cérience
L'AGRONOME SEMENCIER

PER MAX

ALFALFA

A PERSISTENT MIXTURE !



PER MAX

Mixture of very winter dormant varieties:

- 50% CATERA (dormancy fall: 3)
- 50% LUZELLE (dormancy fall: 2.1)

Persistency: 4 years and more

For forage production:

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

For a permanent cover:

- 6 to 8 kg/ha (2.4 to 3.2 kg/ac) to be adjusted depending of the main crop and if used straight or mixed with other species.

ITS ADVANTAGES

• Excellent soil coverage:

- Vegetative growth at the end of the winter is limited as the varieties are dormant and do not compete with the main crop.
- The winter hardness of both varieties as well as LUZELLE specific growth habit allow a persistent soil coverage.
- Alfalfa is a crop known for its soil fertility improvement ability, thanks to its powerfull taproot system and its ability to fix atmospheric nitrogen.

• Ideal mixture to grow alfalfa in cold areas:

- Both varieties are highly winter dormant and resistant to cold allowing a good persistency even in harsh climatic conditions.
- CATERA secures yields as it is a productive and diseases resistant variety.
- LUZELLE has a different growth habit which makes it very complementary with CATERA.
- LUZELLE supports the forage quality as it is very leafy with thin stems.
- Grazing is possible as LUZELLE has a good trampling resistance.



ADVISES YOU

PER MAX

is also available with different coating technologies:

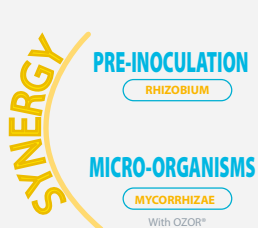
S.A.S LIFE PREMIUM+: mycorrhizae + rhizobium + nutrients cocktail : a technology which optimizes the water and nutrients absorption and improves stress resistance.

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 from trace-elements deficiencies.

S.A.S READY rhizobium: pre-inoculated seeds for a secured crop development.

Some S.A.S grades are available in Précidose®, an efficient packing which ensures a number of seeds per bag. Using 2 Précidose®/ha optimizes the sowing density at 900 seeds/m².



S.A.S READY, S.A.S GOLD, S.A.S PREMIUM: pre-inoculated seeds, coated with the strain *Sinorhizobium melliloti* - 2.5/3.10 E8 CFU/g
NITRAGIN GOLD - MA n°1190014 - No classification - Proprietary NOVOZYMES A/S Kroghshøjvej 36 2880 BAGSVAERD DENMARK.
RHIZOSEED - MA n° 1190518 - No classification - Proprietary CYBELE AGROCARE SAS 7 rue Aristide Briand 92 300 LEVALLOIS-PERRET FRANCE.

S.A.S LIFE, S.A.S PREMIUM+: pre-inoculated seeds, coated with the strains *Sinorhizobium melliloti* - 2.5/3.10 E8 CFU/g and *Glomus intraradices* 500 propagules/g
NITRAGIN GOLD - MA n°1190014 - No classification - Proprietary NOVOZYMES A/S Kroghshøjvej 36 2880 BAGSVAERD DENMARK.
RHIZOSEED - MA n° 1190518 - No classification - Proprietary CYBELE AGROCARE SAS 7 rue Aristide Briand 92 300 LEVALLOIS-PERRET FRANCE.
OZOR® - MA n°1301002 - No classification - Proprietary IF TECH Centre Floriloire 3 rue des Magnolias 49130 LES PONTS DE CE FRANCE.
OZOR® is a registered trademark of IF TECH.

FOR WHAT USE?

Grazing	Mowing	Dehydration

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 seeds are used, it is advised to inoculate the seeds with a *Rhizobium melliloti* 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 trifoliate 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 extent, in phosphorus (P₂O₅).



Packaging:
15 kg or 25 kg bag
or Précidose® (4.5 millions of seeds)

Cerience
L'AGRONOME SEMENCIER

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2021-This document is provided for information purpose only. Recommendations may vary according to local soil and climate conditions and local agricultural practices. The varieties included in the mix may be replaced by similar varieties depending on availability.