

AVIA

ALFALFA

**AVIA IS A HIGH YIELDING VARIETY DESIGNED
TO PERFORM WELL IN WARM TEMPERATE
AREAS WITH HOT SUMMER.**



AVIA

Type: Highly winter active
(dormancy fall index: 8)

Protein content (% on D.M.): 21.7%

Persistency: 4 years and more

Sowing rate:

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

Pest and disease resistance:

- Stem nematodes: R
- Anthracnose: MR
- Verticillium wilt: MR
- Phytophthora root rot: R
- Fusarium: R
- Spotted alfalfa aphid: MR
- Pea aphid: R
- Blue alfalfa aphid: MR

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

ITS ADVANTAGES

- **AVIA suits to alfalfa production in warm temperate areas with hot summers:**
 - AVIA performs very well during official registration trials in Portugal with a three-year cumulated production of more than 46 t D.M (+109% vs. reference).
 - This high production is combined with a high protein content (21.7% on dry matter when registering).
 - Then, regrowth is vigorous and allows to use AVIA under frequent cutting system.
- **AVIA presents a good disease and pest resistance profile:**
 - It confers AVIA a good persistency.



ADVISES YOU

AVIA

is also available with different coating technologies:

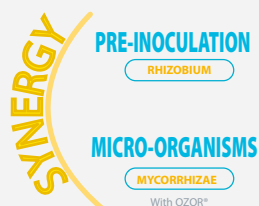
S.A.S LIFE **S.A.S PREMIUM**+: mycorrhizae + rhizobium + nutrients cocktail : a technology which optimizes the water and nutrients absorption and improves stress resistance.

S.A.S GOLD **S.A.S 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.

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



S.A.S READY, S.A.S GOLD, S.A.S PREMIUM: pre-inoculated seeds, coated with the strain *Sinorhizobium meliloti* - 2.5/3.10 E8 CFU/g NITRAGIN GOLD - MA n°1150014 - No classification - Proprietary NOVOZYMES A/S Krogshøjvej 36 2880 BAGSVAERD DENMARK. RHIZOSEED - MA n°1190518 - No classification - Proprietary CYBELE AGRO CARE 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 meliloti* - 2.5/3.10 E8 CFU/g and *Glomus intraradices* 500 propagules/g NITRAGIN GOLD - MA n°1150014 - No classification - Proprietary NOVOZYMES A/S Krogshøjvej 36 2880 BAGSVAERD DENMARK. RHIZOSEED - MA n°1190518 - No classification - Proprietary CYBELE AGRO CARE SAS 7 rue Aristide Briand 92 300 LEVALLOIS-PERRET FRANCE. OZOR® - MA n°1301002 - No classification - Proprietary IF TECH Centre Florilire 3 rue des Magnolias 49130 LES PONTS DE DE 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 coated seeds are used, it is advised to inoculate the seeds with a *Rhizobium meliloti* 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 extend, in phosphorus (P₂O₅).



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



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