

FALL DORMANCY 6-7

GLA

MORPHO-PHYSIOLOGICAL CHARACTERISTICS:

- Highly productive, 19-20 tons/ha of d.m.
- High nutritive value, 22 % proteins
- Deep rooting, extracts water and nutrients from depth, restricts water table recharge.
- Good tolerance of soil salinity and sodicity.
- Responds quickly to spring and summer rainfall (or irrigation).



AGRONOMICAL CHARACTERISTICS:

- Plant: Deep rooted, upright, perennial legume.
- Stems: Erect from 40 - 80 cm high at 10% flower.
- Leaves: Comprise three smooth, slightly toothed, oval, wedge shaped to pointed leaflets.
- Leaf veins strong, straight with little branching.
- Flowers: Mostly purple in colour, and about 8 mm across, borne in clusters up to 4 cm long at the tops of branches

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PEST PACKAGE	HR	R	MR	LR	S
DISEASES					
Anthraco nose	•				
Aphanomyces – Race1	•				
Aphanomyces – Race2	•				
Bacterial wilt	•				
Fusarium wilt	•				
Phytophthora root rot	•				
Verticillium wilt	•				
INSECTS					
Blue alfalfa aphid	•				
Pea aphid	•				
Cowpea aphid	•				
Spotted alfalfa aphid	•				
NEMATODE RESISTANCE					
Northern root knot	•				
Southern root knot	•				
Stem	•				

Resistance ratings (HR>50%; R 31-50%; MR 16-31%)

Agronomics

Yield rating 5
 Fall dormancy class: 6/7
 Recovery after cutting: Excellent
 Winter survival: Very good

Yield rating key:

5=Best; 3=Average; 1=Poor

Performance

Good winter survival rating
 High germinating seed salt tolerance
 Excellent recovery after cutting
 Superior forage quality

GLA is a variety of alfalfa suitable for Mediterranean climates. With a high resistance to drought and lodging. Thanks to its well-developed tap root system, it manages to extract all the nutrients available in the subsoil and make the most of them for greater yields in terms of quality. High protein content (22%). Very high regrowth speed even in drought conditions.



**ALFALFA cv.
GLA**



A large field of alfalfa plants, showing rows of green foliage stretching towards the horizon. In the background, there are trees and utility poles under a clear sky. A circular overlay is positioned in the lower right quadrant, containing a green rectangular box with text.

**ALFALFA cv.
GLA**

THE ADVANTAGE OF THE SEEDS COATING

- Is a technology that allows to create an active casing around the seeds consisting in Rhizobia(*Sinorhizobium meliloti*), Mycorrhiza, Trichoderma and nutritional factors that ensure:

- **PROTECTION:**

- Protecting the seeds from birds and rodents, in fact coating components are not toxic but they don't even attract them. From mechanical stress and from abiotic and biotic stress like adverse weather conditions, pathogens, parasites and nematodes.

- Carry seed treatments such as pesticides and fungicides

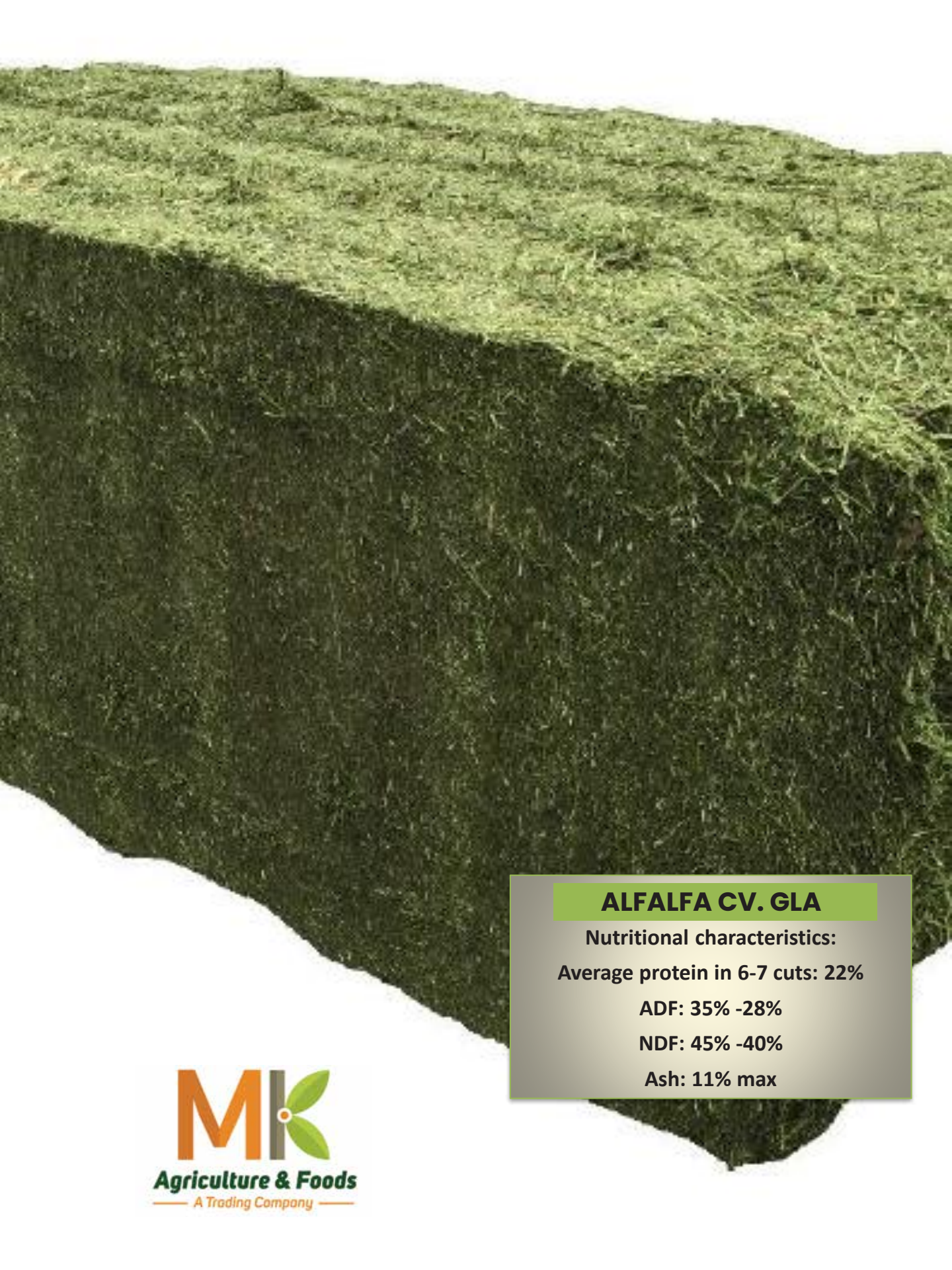
- **NOURISHMENT:**

- Allows the formation of roots nodules by extending the root system, improving the efficiency of absorption of nutrients and ions (P and N) in moist and of water in arid environments.

- **ENRICHMENT OF SOIL:**

- Increases in a natural way, through nitrogens-fixing bacteria carriers, the amount of nitrogen combined in the soil and corrects the acidity of the soil (calcium carbonate) creating a favorable environment for the seed to its rapid germination.





ALFALFA CV. GLA

Nutritional characteristics:

Average protein in 6-7 cuts: 22%

ADF: 35% -28%

NDF: 45% -40%

Ash: 11% max