



REVOLUTIONIZING ANIMAL NUTRITION



A WELL-FED ANIMAL IS A  
HEALTHIER ANIMAL



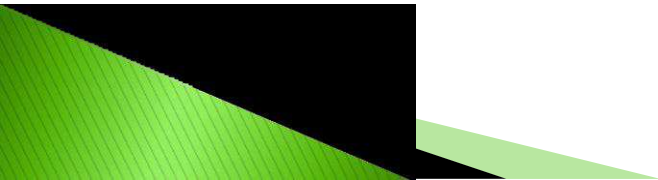
A protein-rich diet based on succulent, high-quality forages, stimulates the genetic development of any breed.

SIAMBASA grass is not only high yielding, but its forage also offers more protein of a higher quality.

Improved forage quality  
translates into higher  
cattle production



Higher cattle production  
translates into higher  
profitability





## A SYMBOL OF QUALITY

Two outstanding characteristics of Siambasa grass include its high protein content (14-16%) and its high leaf: stem ratio, with 82% leaves, explaining why animals find this grass highly palatable and more succulent than other forages.

Another important factor in animal nutrition is in vitro digestibility. In the case of Siambasa grass, its high levels of digestibility are closely linked to its high leaf percentage.

## Yeguada de la Cartuja Hierro del Bocado



Siambasa grass has been adopted by the Yeguada de la Cartuja–Hierra del Bocado, a horse breeding ranch owned by Expasa SA, which belongs to Spain’s Ministry of Agriculture, Food, and Environment.

The fact that the oldest, most emblematic, and representative horse breeding ranch and gene bank of Spanish purebred horses has adopted this grass to feed its animals guarantees its expanded use and adoption elsewhere.

Parameter	Unit	Value
Crude protein	%	15,86
Crude fiber	%	30,28
Mineral content	%	11,92
pH	%	4,99
Neutral detergent fiber	%	59,55
Acid detergent fiber	%	36,47
Digestibility	%	65

**Note: Determination of dry matter content.**

This analysis was performed in compliance with the strictest parameters of quality and with the endorsement of one of Spain's leading animal nutrition companies.



## Testimonies

- ***Pepe Franco*** (owner of the José Franco Sanchez Horse Breeding Ranch): “I now feed my mares with Siambasa grass. Its excellent quality has allowed me to replace cereal-based feed in breeding mares.”
- ***José García Brinon*** (owner of the García Briñón cattle ranch): “It’s simply amazing!”
- ***Javier Mota*** (Technical Director of the Yeguada de la Cartuja): “We’re seeking to improve animal performance and therefore need high levels of protein. This grass fulfills all the nutritional requirements of our animals.”





## ANIMAL PRODUCTION

The excellent forage quality of Siambasa grass is evidenced by its high intake by animals, which in turn results in increased milk and meat production.

### **Milk**

The excellent energy: protein ratio of Siambasa forage is associated with higher levels of milk urea nitrogen as well as a higher milk protein level.

### **Meat**

Increased weight gain has been observed in calves fed Siambasa grass, which has been attributed to its high protein content as protein plays a key role in animal growth and maintenance.



Project recipient of  
“Spain’s 2013 Young Farmer Entrepreneur’s Award”



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