

Engordar | Cattle Industry

We are leaders in Livestock development in the North West of Argentina (NOA)

Lucci Group has applied new technology in Livestock by implementing a new satellite display system meant to manage pastures and confirm potential forage.

We have 33.800 hectares distributed in 4 establishments and we have already applied this new technology in all of them: Rancho Grande, El Carmen, La Armonía and La Porteña.

Excellence is guaranteed by following the complete cycle in cattle breeding.



Satellite images lead to accurate analysis

We made an integral evaluation using 45 satellite high-definition images in each one of the establishments during the season when grass grows (from November to April). We quantified all available forage, harvest efficiency according to the amount of grass in each establishment (Buffel Grass, Gatton Panic) and the productive improvement margin depending on these variables.

This information allowed us to create a map with the amount of forage, estimating the theoretical supply of the current resources on the surface, establishing the productive capacity of each establishment, identifying the distribution of all the available resources in each sector and incorporating all the variations of each lot.

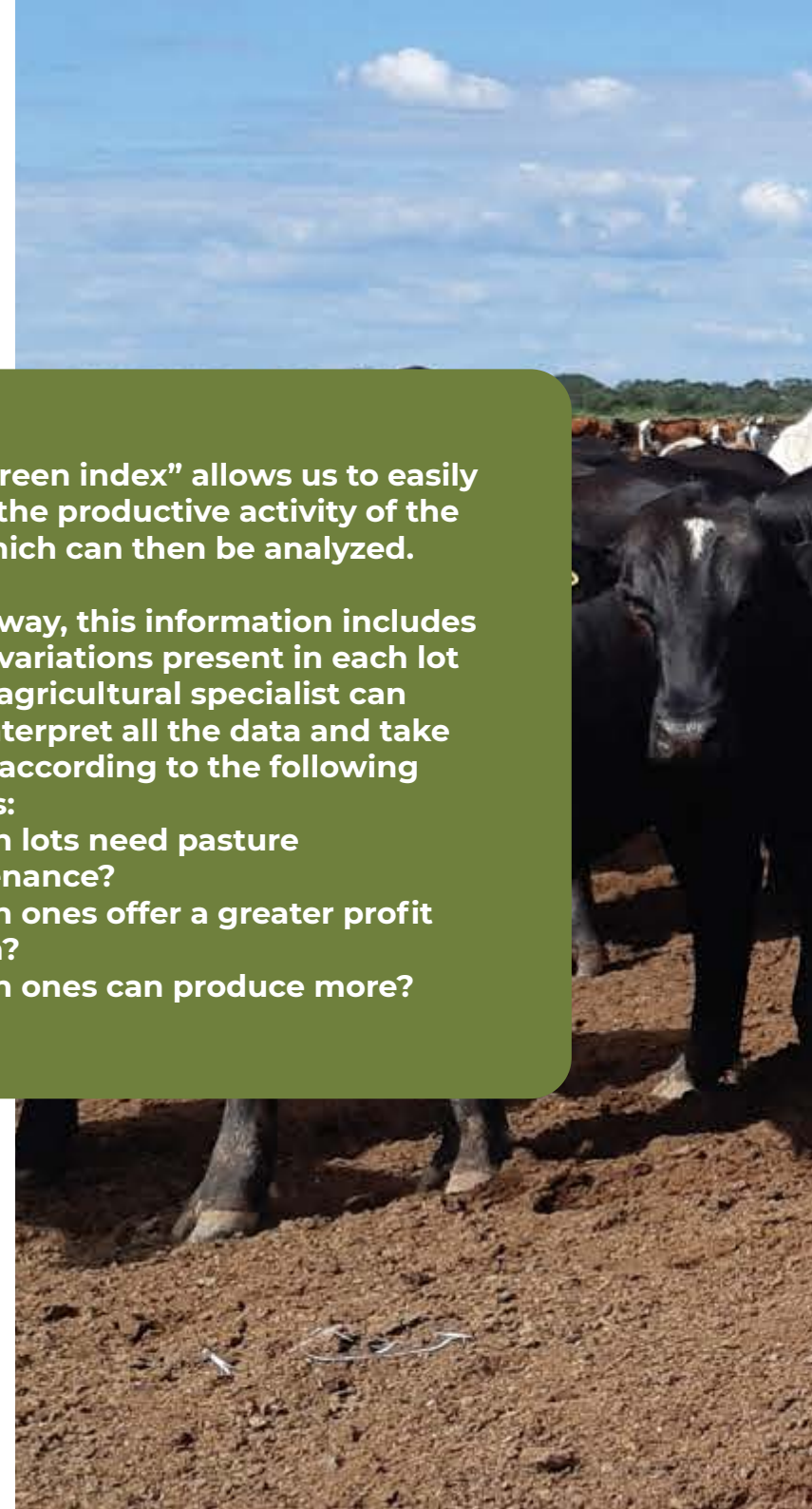


Daniel Navarro
Livestock Manager

This “green index” allows us to easily follow the productive activity of the soil, which can then be analyzed.

In this way, this information includes all the variations present in each lot so the agricultural specialist can then interpret all the data and take action according to the following queries:

- Which lots need pasture maintenance?
- Which ones offer a greater profit margin?
- Which ones can produce more?





Our Next Challenges

The challenges to face next involve:

- Further interpretations of our fields through photographs, then analyze all the actions that took place and their effects.
- Analyze the effect of scarce rain, adverse weather conditions which we have been through in the last few years in NOA (North West of Argentina) and therefore design an emergency plan to face this situation which has been going on for two years and which seems to continue during this season according to the forecast.
- Evaluation of our activity regarding CO₂ emissions and climate change mitigation.





“Constant development of different strategies in order to improve production and quality. We want to make sure how to handle productive processes with responsibility not only those involving the quality of the output but also in taking care of the environment in the different production stages. In this way, based on technical assistance plus environmental control and diagnosis, we will obtain a sustainable productive system”. Says Daniel Navarro, Cattle Industry Manager.