



PROJECT SUMMARY

Ref No.: MRIC/IBG3-BG/P06	Title: Modernizing and professionalizing forage production and transformation, An Agro-Ecological Approach
Local Institution: La Ferme de Mare Longue Ltée	
Project Leader	
Mr François Baudot	La Ferme de Mare Longue Ltée
Research Collaborator	
Name	Organisation
Mrs Karine Baudot	La Ferme de Mare Longue Ltée
TECHNICAL ABSTRACT	
<p>To modernize and professionalize our sheep farming operations, we will establish dedicated fields for high-protein fodder production and mechanize the fodder harvesting and transformation processes.</p> <p>-Predictability, Stability & Resilience:</p> <p>Planned fodder production on dedicated fields allows for a predictable and high-quality feed supply, removing the risks of fluctuating pasture availability in the wild and imported fodder sources. Underpinning this stability is an agro-ecological strategy that prioritizes soil health and biodiversity to sustain our feeding regimen over the long term.</p> <p>-Optimized Nutrition:</p> <p>By carefully selecting and cultivating specific high-protein and nutrient-rich fodder varieties tailored to the animals' needs (<i>Stylosanthes guianensis</i> and <i>Tripsacum andersonii</i>), we will ensure optimized forage quality. This will enable us to have precise control over the nutritional content of the feed, directly leading to improved animal growth and overall health.</p> <p>-Flexibility through Transformation:</p> <p>Some fodder species are more productive during certain periods of the year. Planting varieties suitable for transformation will provide us with enhanced flexibility. These varieties can be pelletized and preserved to respond to changing feed demands (e.g., nursing periods), ensuring optimal feed availability.</p>	



-Harvest Efficiency:

By developing dedicated fodder fields, we are also looking to significantly improve harvest efficiency through mechanized harvesting. Our aim is to reduce labour costs and facilitate simplified field management practices.

Key Words: High-protein fodder production, fodder harvesting process, optimized forage quality Keyword, animal growth, forage transformation