

Silvopastoral systems can reduce emissions and create multiple wins in beef production

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agri benchmark Beef and Sheep Network, CIPAV



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Results silvopastoral systems

Case 1 – BEEF FINISHING

COLOMBIA
Region: Cesar



Climate condition: Dry tropical

Baseline vs. SPS

From degraded soils to intensive sustainable production

SPS strategy implemented

Intensive SPS
Leucaena + Panicum + Eucalyptus

Sustainability issue to illustrate

Restoring degraded natural resources

Emphasis on SDG



FORAGE PRODUCTION

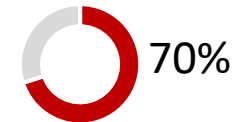
Ton. dry matter/ha



compared to baseline

Total area: 200 ha.

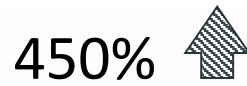
% Area under SPS



reached: 8th year

LAND PRODUCTIVITY

Kg. meat/ha



compared to baseline

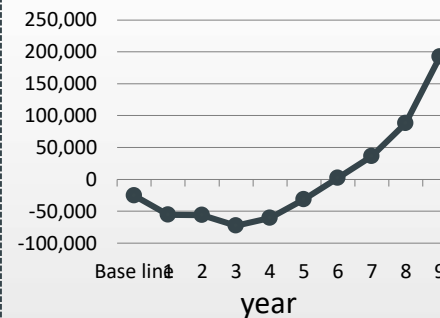
ECONOMIC RESULTS

Initial investment

USD/Ha. **1,850**

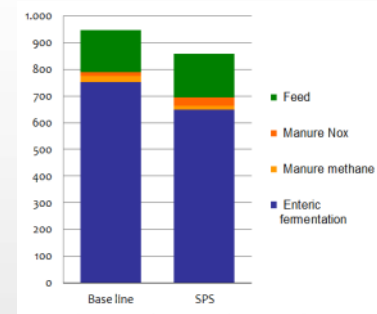


Profit (USD/year)



ENVIRONMENTAL IMPACT

Kg CO₂ per 100 kg LW added



ANIMAL WELFARE



Feeding
Housing
Health
Behaviour

compared to baseline

agri benchmark – passionate about facts



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