Ex ante evaluation of several scenarios of crop-livestock systems of Guadeloupe using IMPACT®

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Evaluate the impact of integration between crops and livestock on sustainability of the farm.

An ex ante evaluation of five scenarios more or less integrated using IMPACT®.

- Environment: C, N, P, ...
- Economic: gross margin and income.
- Social: labor.
5 scenarios based on field, bibliographic and expertise data.

- Scenario 1 = on field data

- **Scenario S2a**
  - S1 + legumes

- **Scenario S2b**
  - S1 + legumes for animals

- **Scenario S3a**
  - Same animal number with external feed

- **Scenario S3b**
  - Same surface with only animal productions