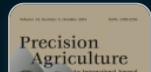


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The economic feasibility of precision agriculture in Mato Grosso do Sul State, Brazil: a case study

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conventional farming system than for the precision system, though with a small difference in values. The Monte Carlo method was applied to evaluate investment risk. The selection of the variables to be simulated was based on the sensitivity analysis results, such as production, sale price and input price. The results obtained through simulation led to the conclusion that the risks are low for the two production systems analyzed.

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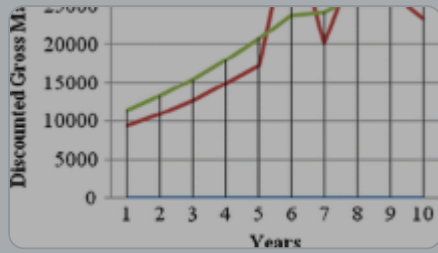
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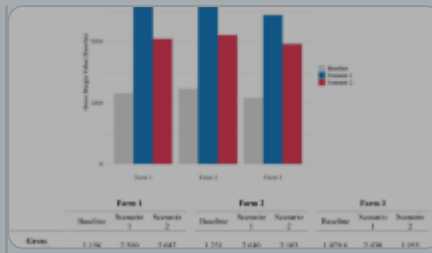
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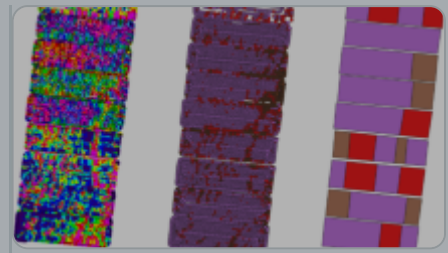
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Baltimore, USA: Johns Hopkins University Press.

Kilian, B., Hurley, T. M., & Malzer, G. (2001). Economic aspects of precision agriculture: an economic assessment of different site-specific N-fertilization approaches. In G. Grenier & S. Blackmore (Eds.), *Proceedings 3rd European Conference on Precision Agriculture* (pp. 521–532). Montpellier, France.

Lambert, D., Lowenberg-Deboer, J. (2000). *Precision agriculture profitability review* (p. 154). Purdue, USA: Site Specific Management Center.

Leftwich, R. H. (1988). *The price system and resource allocation* (p. 648). Hinsdale, USA: Dryden Press.

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Sterns, J. A., Schweikhardt, D. B., & Peterson, H. C. (1998). Using case studies as an approach for conducting agribusiness research. *International Food and Agribusiness Management Review*, 1(3), 311–327.

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Yin, R. K. (1994). *Case study research* (2nd ed.). Thousand Oaks, CA, USA: Sage Publications.

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