

POSTER SUMMARY

COMPARATIVE ANALYSIS AND ADOPTION OF FARM MANAGEMENT INFORMATION SYSTEMS WITHIN THE SUGARCANE SECTOR

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Abstract

Various farm management systems are utilized to assist in the management of farm enterprises. Cane management is critical for ensuring the cane quality and overall farm effectiveness and the use of technology has the capability of automating various cane activities. The past few decades have seen an increase in the adoption of the Farm Management Information Systems (FMIS). This paper investigates the use of cane management software tools to assist with the decision-making on farms and the general administration within the sugarcane industry. The survey method was used, with large-scale growers participating in a survey, which was aimed at assessing the level of adoption of the software. The main objective of the paper was, therefore, to assess the level of adoption of software systems and to provide a comparative analysis, by comparing the features of different software systems.

Keywords: Farming software tools