IT IS TOUGH TO GET PROFIT OUT OF AGRICULTURE: A DATA MINING ANALYSIS IN THENI DISTRICT

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ABSTRACT

Indian agriculture accounts for 27 per cent of India’s gross domestic product (GDP) and provides a livelihood for more than 65 per cent of the population. It has got very strong linkages with the manufacturing sector and one could say that the latter depends considerably on agriculture. In spite of this crucial role, its performance has been rather pathetic. The sector grew at just over 3 per cent in the entire 80s, and even this fell to 2.28 per cent in the 90s. The total investment in agriculture has been steadily declining and the capital formation in agriculture as a percentage of the gross capital formation has shown a steep decline. It is now just under 8 per cent compared to over 15 per cent 20 years ago. Even though it is one of the largest producers of agricultural products and, in fact, the second largest producer of fruits and vegetables in the world, there is a huge number of formers commit suicides every day at many parts of the country. This paper deals with the reason for getting less profit out of agriculture sector with reference to Theni district, an east western district in Tamilnadu state, having own land, area, crops, natural fertilizers, artificial fertilizers, profit, no rain, good maintenance, Market problems, good fertilizer, less work, power supply, water supply, nearby factory, land situated, agent problem and natural factors also have played vital role in agriculture. The data of the study have been collected through a survey of individual people’ opinion, and treated by a data mining tool called XL miner. The result shows that less rain fall is the major reason for retrieving less revenue from this sector.

KEY WORDS: Agriculture, Data Mining Analysis, Formers, Profit, Theni District.