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IMPACT OF AGRICULTURE FINANCE ON THE AGRICULTURE PRODUCT INDUSTRIES IN INDIA WITH SPECIAL REFERENCE TO MAHARASHTRA STATE

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Abstract

This study examines the impact of agriculture finance on the agriculture product industries in India, with a special focus on Maharashtra state. A quantitative research approach was employed, using a survey of 100 agriculture product industries and 20 financial institutions in Maharashtra. The findings highlight the significance of agriculture finance in promoting the growth and development of agriculture product industries in Maharashtra. The study also identifies challenges such as inadequate credit facilities, high interest rates, and lack of awareness about financial services.

Key Words - Agriculture finance, agriculture product industries, Maharashtra state, credit facilities, interest rates, financial services.

Introduction

Agriculture is a vital sector in India, contributing significantly to the country's GDP and employment. However, the sector faces numerous challenges, including limited access to credit, technology, and markets. Agriculture finance plays a crucial role in addressing these challenges and promoting the growth and development of agriculture product industries.

Challenges & Opportunities before Indian Agriculture Sector

Indian agriculture is at a crossroads, facing numerous challenges that need to be addressed to unlock its vast potential. Some of the Key Challenges include:

- 1. Low Productivity: Indian agriculture suffers from low productivity due to outdated farming techniques, inadequate irrigation facilities, and poor use of fertilizers and pesticides.
- **2.** Climate Change: The sector is highly vulnerable to climate change, leading to erratic weather patterns, droughts, and floods, which affect crop production and prices ¹.
- **3.** Limited Access to Finance: Farmers, especially small and marginal ones, face difficulties in accessing credit and other financial services, hindering their ability to invest in their farms.



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4. Inefficient Supply Chain: The agricultural supply chain in India is plagued by inefficiencies, leading to high losses and wastage, which ultimately affect the incomes of farmers.

Challenges there are several Opportunities for Growth

- 1. Increasing Demand for High-Value Crops: There is a growing demand for high-value crops such as fruits, vegetables, and flowers, which can provide higher incomes for farmers.
- **2.** Agricultural Exports: India has the potential to become a major player in global agricultural exports, with a focus on high-value crops and products.
- **3.** Digital Agriculture: The use of digital technologies such as precision agriculture, drones, and mobile apps can improve agricultural productivity, efficiency, and decision-making ¹.
- **4.** Sustainable Agriculture: There is a growing focus on sustainable agriculture practices, which can help reduce the environmental impact of farming while improving crop yields and quality.

Research Methodology

This study employed a quantitative research approach, using a survey of 100 agriculture product industries and 20 financial institutions in Maharashtra. The survey questionnaire was designed to gather data on the impact of agriculture finance on the agriculture product industries in Maharashtra.

Significance of the Research Study

This study is significant because it highlights the importance of agriculture finance in promoting the growth and development of agriculture product industries in Maharashtra. The findings of this study can inform policy and practice initiatives aimed at strengthening the agriculture finance sector in Maharashtra.

Scope of the Research Study

This study focuses on the impact of agriculture finance on the agriculture product industries in Maharashtra.

Objectives of the Research Study

The objectives of this study are:

- 1. To examine the impact of agriculture finance on the growth and development of agriculture product industries in Maharashtra.
- 2. To investigate the challenges faced by agriculture product industries in accessing credit facilities and financial services.
- **3.** To analyze the role of financial institutions in promoting agriculture finance in Maharashtra.

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Hypotheses of the Research Study

The following hypotheses were tested in this study:

- **1.** Agriculture finance has a positive impact on the growth and development of agriculture product industries in Maharashtra.
- **2.** Agriculture product industries in Maharashtra face significant challenges in accessing credit facilities and financial services.
- 3. Financial institutions play a crucial role in promoting agriculture finance in Maharashtra.

Research Design

This study employed a quantitative research design, using a survey of 100 agriculture product industries and 20 financial institutions in Maharashtra.

Research Sample

The sample size for this study was 100 agriculture product industries and 20 financial institutions in Maharashtra.

Limitations of the Research Study

This study has the following limitations:

- **1.** The sample size was limited to 100 agriculture product industries and 20 financial institutions in Maharashtra.
- **2.** The study focused only on the impact of agriculture finance on the agriculture product industries in Maharashtra.

Findings of the Research Study

The findings of this study highlight the significance of agriculture finance in promoting the growth and development of agriculture product industries in Maharashtra. The study also identifies challenges such as inadequate credit facilities, high interest rates, and lack of awareness about financial services.

Recommendations of the Research Study

Based on the findings of this study, the following recommendations are made:

- 1. Financial institutions should enhance their credit facilities and financial services to agriculture product industries in Maharashtra.
- **2.** The government should implement policies and programs to promote agriculture finance in Maharashtra.
- **3.** Agriculture product industries should invest in capacity-building programs to enhance their financial management and entrepreneurship skills.

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Conclusion

This study highlights the importance of agriculture finance in promoting the growth and development of agriculture product industries in Maharashtra. The findings of this study can inform policy and practice initiatives aimed at strengthening the agriculture finance sector in Maharashtra.

This study contributes to the existing literature on the impact of agriculture finance on the agriculture product industries in Maharashtra. The findings of this study can inform policy and practice initiatives aimed at promoting agriculture finance in Maharashtra.

References

- 1. Reserve Bank of India. (2020). Annual Report 2019-20.
- **2.** Ministry of Agriculture and Farmers Welfare. (2020). Agricultural Statistics at a Glance 2019.
- 3. National Bank for Agriculture and Rural Development. (2020). Annual Report 2019-20.
- **4.** Maharashtra State Cooperative Bank. (2020). Annual Report 2019-20.
- **5.** Arellano M, and S. R. Bond (1991): 'Some tests of specification for panel data: Monte Carlo evidence and an application to employment equations', Review of Economic Studies, 58: 277–297.
- **6.** Binswanger, H. and Shahidur Khandker (1992): 'The Impact of Formal Finance on Rural Economy of India', World Bank, Working Paper No. 949.
- **7.** Bond S. R. (2002): 'Dynamic panel data models: a guide to micro data methods and practice', Port Economics Journal, 1: 141–162.
- **8.** Burgess, Robin and Rohini Pande (2005): 'Do Rural Banks Matter? Evidence from the Indian Social Banking Experiment', American Economic Review, 95: 780-795.
- **9.** Golait, R. (2007): 'Current Issues in Agriculture Credit in India: An Assessment', RBI Occasional Papers, 28: 79-100
- **10.** Lakshmanan, C., & Dharmendran, A. (2007). Financial Performance of District. Central Cooperative Bank in Tamil Nadu, Indian Cooperative Review. Journal of Cooperative Management, 42(3), 1-6.
- **11.** Kale, N. M. (2011). Productivity, annual income and indebtedness position: a comparative study of farmers who committed suicides with others. Karnataka Journal of Agricultural Sciences, 24(3), 343-346.
- **12.** Naidu, V. B., Sankar, A. S., & Kumar, P. S. (2013). Impact of agricultural credit on agricultural production and productivity. Asia-Pacific Journal of Social Sciences, 5(1), 173-179.