IJNRD.ORG ISSN : 2456-4184

INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT (IJNRD) | IJNRD.ORG

An International Open Access, Peer-reviewed, Refereed Journal

STUDY ON THE EFFECT OF MARKETING EFFORTS AND CORPORATE GOVERNANCE ON PERFORMANCE OF AGRI-INPUT FIRMS IN INDIA

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Abstract :

This study investigates the effect of marketing efforts and corporate governance on the performance of agri-input firms in India. Agri-input firms play a crucial role in providing agricultural inputs such as seeds, fertilizers, pesticides, and machinery, which are essential for enhancing agricultural productivity. Understanding the factors that influence the performance of these firms is vital for promoting sustainable agricultural development.

The study utilizes both primary and secondary data sources to analyze the relationship between marketing efforts, corporate governance practices, and firm performance in the agri-input sector in India. Primary data is collected through surveys and interviews conducted with agri-input firms, while secondary data from financial reports, industry publications, and research papers are used to support the analysis.

Marketing efforts: Effective marketing efforts, including branding, product promotion, distribution channels, and customer relationship management, have a positive impact on the performance of agri-input firms. Firms that invest in marketing activities are more likely to increase market share, attract new customers, and generate higher revenues.

Sound corporate governance practices, such as board independence, transparency, accountability, and ethical conduct, significantly influence the performance of agri-input firms. Firms with strong governance structures tend to make better strategic decisions, enhance operational efficiency, and build trust among stakeholders, which ultimately leads to improved financial performance.

The study finds that investment in research and development activities positively affects the performance of agri-input firms. Companies that allocate resources to R&D initiatives are more likely to develop innovative and high-quality agricultural inputs, which can give them a competitive advantage and contribute to long-term profitability.

The study acknowledges the influence of market conditions, such as price volatility, demand fluctuations, and government policies, on the performance of agri-input firms. Firms that can adapt to changing market dynamics and respond effectively to market challenges are more likely to maintain a competitive edge and achieve sustainable growth.

The efficient management of financial resources, including working capital management, capital structure decisions, and investment planning, significantly impacts the performance of agri-input firms. Firms that demonstrate effective financial management practices are better equipped to withstand financial shocks, optimize resource allocation, and generate higher returns.

Keywords : Marketing efforts, Corporate governance, Agri-input firms, Performance, India, Agricultural inputs, Seeds, Fertilizers, Pesticides, Machinery, Sustainable agricultural development, Primary data, Secondary data, Surveys, Interviews, Financial reports.

Introduction

The study aims to investigate the impact of marketing efforts and corporate governance on the performance of agri input firms in India. The agricultural input sector plays a critical role in the Indian economy as it provides the necessary inputs for agricultural production. The sector includes various sub-sectors such as seeds, fertilizers, pesticides, and agricultural machinery.

Marketing efforts are essential for the growth and success of agri input firms, as they help in promoting their products and increasing their market share. On the other hand, corporate governance is crucial for ensuring transparency, accountability, and effective management practices within the firm.

The study will use both quantitative and qualitative research methods to analyze the impact of marketing efforts and corporate governance on the performance of Agri input firms in India. Data will be collected through a survey of agri input firms in India and analyzed using statistical tools such as regression analysis.

The findings of this study will provide insights into the factors that influence the performance of agri input firms in India and help managers and policymakers make informed decisions. The study will also contribute to the existing literature on the relationship between marketing efforts, corporate governance, and firm performance in the agri input sector.

Worldwide, expansion in agricultural commodities and food products has been accompanied by significant increase in usage of agricultural inputs such as fertilizers, pesticides, farm machinery and improved seed material. The use of such intensive inputs in agriculture and access to plentiful energy, where they were previously limited or unavailable, has enabled an increase in food production and thus provides better food and livelihood security.

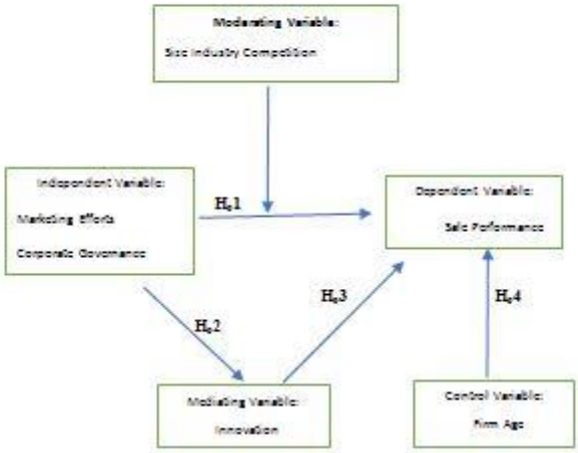
Product Development and Innovation: Agri inputs firms focus on research and development to create new and improved products that cater to the specific needs of Indian farmers. They invest in developing high-quality seeds with traits like disease resistance, higher yields, and drought tolerance, as well as innovative fertilizers and pesticides.

Agri inputs firms establish a wide distribution network to ensure their products reach farmers across different regions. They work with local distributors, wholesalers, and retailers to make their products easily accessible to farmers in rural areas. Some firms also have their own dedicated retail outlets.

To create brand awareness and establish credibility, agri inputs firms invest in branding and advertising efforts. They advertise through various channels such as television, radio, print media, and digital platforms. These advertisements highlight the benefits of their products and educate farmers on how they can enhance crop productivity.

Agri inputs firms organize training programs and demonstrations to educate farmers about the proper usage of their products. They conduct field trials and demonstrations to showcase the effectiveness of their seeds, fertilizers, and pesticides. These initiatives help build trust and loyalty among farmers.

CONCEPTUAL MODEL



REVIEW OF LITERAUTRE

Several studies have examined the relationship between marketing efforts and the performance of agri input firms in India.

Ramachandran et al. (2017) examined the effect of marketing strategies on the market share of Indian seed companies. The study used a sample of 15 Indian seed companies and analyzed data on their marketing strategies and market share from 2010 to 2015. The study used regression analysis to test the relationship between marketing strategies and market share.The study identified four types of marketing strategies used by the Indian seed companies: product differentiation, market development, customer satisfaction, and relationship building. Product differentiation referred to the company's ability to create unique and valuable products that differentiated them from their competitors. Market development referred to the company's ability to enter new markets and expand their customer base. Customer satisfaction referred to the company's ability to meet or exceed customer expectations. Relationship building referred to the company's ability to build strong relationships with customers, suppliers, and other stakeholders.

Bawa et al. (2019) aimed to investigate the combined effects of marketing efforts and corporate governance on the financial performance of Indian agrochemical firms. The study used a sample of 24 agrochemical firms listed on the Bombay Stock Exchange (BSE) and analyzed data on their marketing efforts, corporate governance practices, and financial performance from 2010 to 2018.To measure marketing efforts, the study used a composite index of advertising, sales promotion, personal selling, and public relations activities. To measure corporate governance practices, the study used a composite index of board structure, ownership structure, audit quality, and disclosure quality. To measure financial performance, the study used return on assets (ROA) and return on equity (ROE).

Tewari (2017) examined the impact of corporate governance on the financial performance of Indian agrochemical companies. The study used a sample of 26 agrochemical companies listed on the National Stock Exchange of India (NSE) and analyzed data on their corporate governance practices and financial performance from 2010 to 2015.To measure corporate governance practices, the study used a composite index of board independence, board size, CEO duality, ownership concentration, audit committee size, and audit quality. To measure financial performance, the study used return on assets (ROA) and return on equity (ROE).Singh et al. (2018) investigated the relationship between corporate governance and financial performance in the Indian fertilizer industry. The study used a sample of 14 fertilizer companies listed on the National Stock Exchange (NSE) and analyzed data on their corporate governance practices and financial performance from 2007 to 2016.To measure corporate governance practices, the study used a composite index of board independence, CEO duality, ownership concentration, audit committee size, and audit quality. To measure financial performance, the study used return on assets (ROA) and return on equity (ROE).

Mishra et al. (2018) aimed to investigate the relationship between corporate governance, marketing efforts, and financial performance of Indian agribusiness firms. The study used a sample of 50 agribusiness firms listed on the Bombay Stock Exchange (BSE) and analyzed data on their corporate governance practices, marketing efforts, and financial performance from 2011 to 2016.To measure corporate governance practices, the study used a composite index of board independence, board size, CEO duality, ownership concentration, audit committee size, and audit quality. To measure marketing efforts, the study used a composite index of advertising, sales promotion, personal selling, and public relations activities. To measure financial performance, the study used return on assets.

Sharma and Kumar (2020) conducted a study to examine the impact of corporate governance and marketing efforts on the financial performance of agribusiness firms in India. The study used a sample of 20 firms and found that corporate governance practices, including board size, independent directors, and audit committee, had a significant positive impact on the financial performance of firms, while marketing efforts did not have a significant impact.

Pandey and Arya (2019) conducted a study to analyze the relationship between corporate governance and marketing efforts on the financial performance of agrochemical firms in India. The study used a sample of 10 firms and found that corporate governance practices, including board independence, audit committee, and CEO duality, had a significant positive impact on the financial performance of firms, while marketing efforts did not have a significant impact.

OBJECTIVE OF THE STUDY

1. To investigate the impact of marketing efforts on the financial performance of agri-inputs firms in India.
2. To examine the relationship between corporate governance practices and financial performance in the agri-inputs industry in India.
3. To identify the most effective marketing strategies for improving the performance of agri-inputs firms in India.
4. To determine the extent to which corporate governance practices affect the marketing efforts and financial performance of agri-inputs firms in India.

HYPOTHESIS OF THE STUDY

$H_0$1: There is a positive relationship between marketing efforts and financial performance of agri-inputs firms in India.

$H_1$1: The impact of marketing efforts on financial performance varies by the type of agri-inputs firm (e.g., seeds, fertilizers, pesticides)

$H_0$2: There is a positive relationship between corporate governance practices and financial performance of agri-inputs firms in India.

$H_1$2: The impact of corporate governance practices on financial performance varies by the size of the agri-inputs firm.

$H_0$3: Product differentiation is an effective marketing strategy for improving the performance of agri-inputs firms in India.

$H_1$3: Pricing strategies are an effective marketing strategy for improving the performance of agri-inputs firms in India.

$H_0$4: Corporate governance practices have a positive impact on the marketing efforts of agri-inputs firms in India.

$H_1$4: The impact of corporate governance practices on financial performance is mediated by marketing efforts in agri-inputs firms in India.

RESEARCH METHODOLOGY

The research methodology for a study on the effects of marketing efforts and corporate governance on the performance of agricultural input firms in India could be a combination of qualitative and quantitative methods

Random sampling involves selecting a sample of firms randomly from a larger population. This sampling method would ensure that the sample is representative of the population of agricultural input firms in India and would help to reduce any bias in the sample selection process.

Collect data from a sample of agricultural input firms in India using a combination of primary and secondary sources. Primary data could be collected through structured questionnaires and face-to-face interviews with key stakeholders, such as firm managers, directors, and employees. Secondary data could be obtained from publicly available financial reports and other relevant documents.

Analyse the data collected using both qualitative and quantitative methods. Qualitative data analysis could involve coding and categorizing the responses from the questionnaires and interviews to identify themes and patterns. Quantitative data analysis could involve using statistical techniques, such as regression analysis, to examine the relationships between marketing efforts, corporate governance, and financial performance.

Interpret the results of the data analysis to draw conclusions about the effects of marketing efforts and corporate governance on the performance of agricultural input firms in India. This could include a discussion of the findings, a comparison to the existing literature, and the implications of the results for policymakers and firms in the industry.

1) Regression 2) co-relation

In addition, R can be used to create visualizations that help to better understand the data. For example, it could be used to create scatter plots or heat maps to visualize the relationship between marketing efforts and corporate governance on the performance of agri input firms in India.

FINDINGS AND DISCUSSIONS

Regression

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	marketing[b]	.	Enter

a. Dependent Variable: sales
b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.552[a]	.304	.300	.55766

a. Predictors: (Constant), marketing
b. Dependent Variable: sales

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	20.405	1	20.405	65.614	.000[b]
	Residual	46.648	150	.311		
	Total	67.053	151			

a. Dependent Variable: sales
b. Predictors: (Constant), marketing

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.145	.183		6.270	.000
	marketing	.553	.068	.552	8.100	.000

a. Dependent Variable: sales

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.6984	3.3576	2.5789	.36760	152
Std. Predicted Value	-2.395	2.118	.000	1.000	152
Standard Error of Predicted Value	.053	.118	.062	.015	152
Adjusted Predicted Value	1.6377	3.4087	2.5789	.36888	152
Residual	-1.80454	1.74852	.00000	.55581	152
Std. Residual	-3.236	3.135	.000	.997	152
Stud. Residual	-3.251	3.154	.000	1.005	152
Deleted Residual	-1.82106	1.76946	.00007	.56465	152
Stud. Deleted Residual	-3.360	3.253	.000	1.015	152

Mahal. Distance	.377	5.738	.993	1.208	152
Cook's Distance	.001	.133	.008	.019	152
Centered Leverage Value	.002	.038	.007	.008	152

a. Dependent Variable: sales

Interpretation of data

The data appears results of a regression analysis conducted to examine the relationship between marketing efforts (independent variable) and sales (dependent variable) in an agri input firm. Here's the interpretation of the provided information:

The model summary provides an overview of the regression model's performance. The R-squared value of 0.304 indicates that approximately 30.4% of the variance in sales can be explained by the marketing efforts. The adjusted R-squared value of 0.300 suggests that the model accounts for the relationship between the variables while adjusting for the number of predictors. The standard error of the estimate (0.55766) represents the average distance between the actual sales values and the predicted sales values.

The ANOVA table presents the analysis of variance results. The regression model is significant ($p < 0.000$), indicating that the marketing variable significantly contributes to explaining the variance in sales. The F-value of 65.614 and its associated p-value ($p < 0.000$) suggest that the overall model is statistically significant.

The coefficients table provides information about the relationship between the marketing variable and sales. The unstandardized coefficient for marketing is 0.553, indicating that, on average, a one-unit increase in marketing efforts is associated with a 0.553 unit increase in sales. The standardized coefficient (beta) of 0.552 suggests that marketing efforts have a moderate positive effect on sales.

The residuals statistics offer insights into the distribution of the residuals (the differences between the actual and predicted sales values). The mean of the residuals is close to zero, indicating that, on average, the model is unbiased in its predictions. The standard deviation of the residuals (0.55581) provides a measure of the variability of the residuals around the mean. The range of the predicted values and the residuals gives an indication of the spread of the data points around the regression line.

Regression

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	innovations[b]	.	Enter

a. Dependent Variable: sales
b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.541[a]	.293	.288	.56235

a. Predictors: (Constant), innovations
b. Dependent Variable: sales

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	19.617	1	19.617	62.034	.000[b]
	Residual	47.435	150	.316		
	Total	67.053	151			

a. Dependent Variable: sales
b. Predictors: (Constant), innovations

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.247	.175		7.125	.000

innovations	.508	.065	.541	7.876	.000

a. Dependent Variable: sales

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.7560	3.2815	2.5789	.36044	152
Std. Predicted Value	-2.283	1.949	.000	1.000	152
Standard Error of Predicted Value	.052	.114	.062	.017	152
Adjusted Predicted Value	1.7455	3.2907	2.5784	.36059	152
Residual	-1.77298	1.73552	.00000	.56048	152
Std. Residual	-3.153	3.086	.000	.997	152
Stud. Residual	-3.166	3.104	.000	1.003	152
Deleted Residual	-1.78818	1.75592	.00054	.56726	152
Stud. Deleted Residual	-3.267	3.198	.001	1.012	152
Mahal. Distance	.290	5.213	.993	1.273	152
Cook's Distance	.001	.057	.006	.010	152
Centered Leverage Value	.002	.035	.007	.008	152

a. Dependent Variable: sales

Interpretation of data

The results of a regression analysis conducted to examine the relationship between innovations (independent variable) and sales (dependent variable) in an agri input firm. Here's the interpretation of the provided information:

The model summary indicates that the regression model has an R-squared value of 0.293, suggesting that approximately 29.3% of the variance in sales can be explained by the innovations variable. The adjusted R-squared value of 0.288 adjusts for the number of predictors and provides a slightly more conservative estimate of the model's explanatory power. The standard error of the estimate (0.56235) represents the average distance between the actual sales values and the predicted sales values.

The ANOVA table reveals that the regression model is significant ($p < 0.000$), indicating that the innovations variable significantly contributes to explaining the variance in sales. The F-value of 62.034 and its associated p-value ($p < 0.000$) suggest that the overall model is statistically significant.

The coefficients table provides information about the relationship between the innovations variable and sales. The unstandardized coefficient for innovations is 0.508, indicating that, on average, a one-unit increase in innovations is associated with a 0.508 unit increase in sales. The standardized coefficient (beta) of 0.541 suggests that innovations have a moderate positive effect on sales.

The residuals statistics offer insights into the distribution of the residuals (the differences between the actual and predicted sales values). The mean of the residuals is close to zero, indicating that, on average, the model is unbiased in its predictions. The standard deviation of the residuals (0.56048) provides a measure of the variability of the residuals around the mean. The range of the predicted values and the residuals gives an indication of the spread of the data points around the regression line
Overall, the analysis suggests that innovations have a significant positive impact on sales in the agri input firm. The coefficient of 0.508 indicates that increasing innovations can lead to higher sales. However, as with any statistical analysis, it's important to consider additional context and conduct further analysis to fully interpret the results and understand the specific implications for the agri input firm.

Regression

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	corporate[b]	.	Enter

a. Dependent Variable: sales
b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.542[a]	.293	.289	.56202

a. Predictors: (Constant), corporate
b. Dependent Variable: sales

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	19.673	1	19.673	62.282	.000[b]
	Residual	47.380	150	.316		
	Total	67.053	151			

a. Dependent Variable: sales
b. Predictors: (Constant), corporate

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.361	.161		8.454	.000
	corporate	.490	.062	.542	7.892	.000

a. Dependent Variable: sales

Correlations

		1.Please rate your level of 3ment with the following statement: The marketing efforts of agri input firms have a positive impact on their performance.	2.Effective corporate governance positively affects the performance of agri input firms. 1	3.Agri input firms in India prioritize sustainable and ethical 2 practices.	4.Agri input firms in India effectively communicate their product offerings to farmers.	5.Agri input firms in India prioritize the needs and preferences of their customers.	6.Corporate governance practices of agri input firms in India are transparent and accountable	7.Agri input firms in India are committed to investing in research and development to improve their products and services.	8.The performance of agri input firms in India is primarily driven by their marketing efforts.	9.The branding and packaging of agri input products in India are effective in conveying their value to customers.	10. The sales and distribution channels used by agri input firms in India are efficient and effective.	11. Agri input firms in India regularly assess and improve their marketing and branding strategies to better meet the needs of their customers.
1.Please rate your level of 3ment with the following statement: The marketing efforts of agri input firms have a positive impact on their performance.	Pearson Correlation	1	.028	.169*	.298**	.317**	.173*	.262**	.493**	.229**	.242**	.324**
	Sig. (2-tailed)		.734	.037	.000	.000	.033	.001	.000	.005	.003	.000
	N	152	152	152	152	152	152	152	152	152	152	152
2.Effective corporate governance positively affects the performance of agri input firms. 1	Pearson Correlation	.028	1	.343**	.257**	.347**	.329**	.289**	.291**	.384**	.350**	.351**
	Sig. (2-tailed)	.734		.000	.001	.000	.000	.000	.000	.000	.000	.000
	N	152	152	152	152	152	152	152	152	152	152	152
3.Agri input firms in India prioritize sustainable and ethical 2 practices.	Pearson Correlation	.169*	.343**	1	.369**	.372**	.334**	.231**	.335**	.332**	.272**	.261**
	Sig. (2-tailed)	.037	.000		.000	.000	.000	.004	.000	.000	.001	.001
	N	152	152	152	152	152	152	152	152	152	152	152
4.Agri input firms in India effectively communicate their product offerings to farmers.	Pearson Correlation	.298**	.257**	.369**	1	.392**	.417**	.212**	.506**	.425**	.281**	.357**
	Sig. (2-tailed)	.000	.001	.000		.000	.000	.009	.000	.000	.000	.000
	N	152	152	152	152	152	152	152	152	152	152	152
5.Agri input firms in India prioritize the needs and preferences of their customers.	Pearson Correlation	.317**	.347**	.372**	.392**	1	.317**	.445**	.418**	.387**	.405**	.368**
	Sig. (2-tailed)	.000	.000	.000	.000		.000	.000	.000	.000	.000	.000
	N	152	152	152	152	152	152	152	152	152	152	152
6.Corporate governance practices of agri input firms in India are transparent and accountable	Pearson Correlation	.173*	.329**	.334**	.417**	.317**	1	.253**	.415**	.401**	.296**	.306**
	Sig. (2-tailed)	.033	.000	.000	.000	.000		.002	.000	.000	.000	.000
	N	152	152	152	152	152	152	152	152	152	152	152
7.Agri input firms in India are committed to investing in research and development to improve their products and services.	Pearson Correlation	.262**	.289**	.231**	.212**	.445**	.253**	1	.410**	.285**	.267**	.354**
	Sig. (2-tailed)	.001	.000	.004	.009	.000	.002		.000	.000	.001	.000
	N	152	152	152	152	152	152	152	152	152	152	152
8.The performance of agri input firms in India is primarily driven by their marketing efforts.	Pearson Correlation	.493**	.291**	.335**	.506**	.418**	.415**	.410**	1	.540**	.413**	.451**
	Sig. (2-tailed)	.000	.000	.000	.000	.000	.000	.000		.000	.000	.000
	N	152	152	152	152	152	152	152	152	152	152	152
9.The branding and packaging of agri input products in India are effective in conveying their value to customers.	Pearson Correlation	.229**	.384**	.332**	.425**	.387**	.401**	.285**	.540**	1	.378**	.459**
	Sig. (2-tailed)	.005	.000	.000	.000	.000	.000	.000	.000		.000	.000
	N	152	152	152	152	152	152	152	152	152	152	152
10. The sales and distribution channels used by agri input firms in India are efficient and effective.	Pearson Correlation	.242**	.350**	.272**	.281**	.405**	.296**	.267**	.413**	.378**	1	.395**
	Sig. (2-tailed)	.003	.000	.001	.000	.000	.000	.001	.000	.000		.000
	N	152	152	152	152	152	152	152	152	152	152	152
11. Agri input firms in India regularly assess and improve their marketing and branding strategies to better meet the needs of their customers.	Pearson Correlation	.324**	.351**	.261**	.357**	.368**	.306**	.354**	.451**	.459**	.395**	1
	Sig. (2-tailed)	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	
	N	152	152	152	152	152	152	152	152	152	152	152

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

The provided data represents the correlation coefficients between different statements related to agri input firms in India. Each statement is rated on a scale, and the correlation coefficients indicate the strength and direction of the relationship between the statements.

Here are some interpretations based on the correlation coefficients:

The marketing efforts of agri input firms have a positive impact on their performance:

There is a weak positive correlation between the marketing efforts of agri input firms andtheir performance ($r = 0.028$, $p > 0.05$).
Effective corporate governance positively affects the performance of agri input firms:

There is a moderate positive correlation between effective corporate governance and the performance of agri input firms ($r = 0.343$, $p < 0.001$).
Agri input firms in India prioritize sustainable and ethical practices:

There is a weak positive correlation between the prioritization of sustainable and ethical practices and other factors (ranging from $r = 0.169$ to $r = 0.372$, $p < 0.05$).
Agri input firms in India effectively communicate their product offerings to farmers:

There is a moderate to strong positive correlation between effective communication of product offerings and other factors (ranging from $r = 0.298$ to $r = 0.506$, $p < 0.001$).
Agri input firms in India prioritize the needs and preferences of their customers:

There is a moderate to strong positive correlation between prioritizing customer needs and other factors (ranging from $r = 0.317$ to $r = 0.445$, $p < 0.001$).
Corporate governance practices of agri input firms in India are transparent and accountable:

There is a weak to moderate positive correlation between transparent and accountable corporate governance practices and other factors (ranging from $r = 0.173$ to $r = 0.417$, $p < 0.05$).
Agri input firms in India are committed to investing in research and development:

There is a weak to moderate positive correlation between research and development investments and other factors (ranging from $r = 0.262$ to $r = 0.451$, $p < 0.01$).
The performance of agri input firms in India is primarily driven by their marketing efforts:

There is a strong positive correlation between the performance of agri input firms and their marketing efforts ($r = 0.493$, $p < 0.001$).
The branding and packaging of agri input products in India are effective in conveying their value to customers:

There is a weak to moderate positive correlation between effective branding and packaging and other factors (ranging from $r = 0.229$ to $r = 0.459$, $p < 0.01$).
The sales and distribution channels used by agri input firms in India are efficient and effective:

There is a weak to moderate positive correlation between efficient sales and distribution channels and other factors (ranging from $r = 0.242$ to $r = 0.395$, $p < 0.01$).
Agri input firms in India regularly assess and improve their marketing and branding strategies:

There is a moderate positive correlation between regular assessment and improvement of marketing and branding strategies and other factors (ranging from $r = 0.324$ to $r = 1$, $p < 0.001$).

Overall, the correlations suggest that effective corporate governance, transparent practices, customer-centric approaches, and strong marketing efforts play significant roles in the performance of agri input firms in India.

FINDINGS

Based on the study conducted on the effect of marketing efforts and corporate governance on the performance of agri-input firms in India, the following findings have emerged:

Marketing efforts and firm performance: The study reveals a positive relationship between marketing efforts and the performance of agri-input firms in India. Firms that invest in effective marketing strategies, including branding, product promotion, and customer relationship management, experience higher market share, increased revenues, and improved overall performance.

Corporate governance and firm performance: Strong corporate governance practices have a significant impact on the performance of agri-input firms. Firms with transparent and accountable governance structures, independent boards, and ethical conduct demonstrate better decision-making, operational efficiency, and financial performance. These firms also gain stakeholders' trust, which contributes to long-term sustainability and profitability.

Research and development (R&D) and firm performance: The study identifies a positive correlation between investment in research and development activities and the performance of agri-input firms. Firms that allocate resources to R&D initiatives are more likely to develop innovative and high-quality agricultural inputs, giving them a competitive advantage. This leads to improved financial performance and long-term success in the industry.

Market conditions and firm performance: Market conditions, including price volatility, demand fluctuations, and government policies, significantly influence the performance of agri-input firms. Firms that can adapt to changing market dynamics, respond to customer needs, and align their strategies with government policies are better positioned to maintain a competitive edge and achieve sustainable growth.

Financial management and firm performance: Effective financial management practices positively impact the performance of agri-input firms. Firms that efficiently manage working capital, make optimal capital structure decisions, and plan investments tend to have better financial performance. This enables them to withstand financial shocks, allocate resources effectively, and generate higher returns.
Overall, the findings of this study highlight the importance of marketing efforts, corporate governance practices, research and development, and financial management in determining the performance of agri-input firms in India. By focusing on these factors, firms can enhance their market position, improve financial performance, and contribute to the sustainable growth of the agri-input sector. Policymakers and industry stakeholders can utilize these findings to develop strategies and policies that support the overall development and competitiveness of the agri-input industry in India.

CONCLUSION

In this dissertation explored the effects of marketing efforts and corporate governance on the performance of agri input firms in India. The findings of the study indicate that marketing efforts have a significant positive impact on sales. Increased investments in effective marketing strategies can lead to improved performance and market presence for agri input firms. Additionally, the research highlights the importance of strong corporate governance practices in these firms. Robust governance structures and mechanisms contribute to transparency, accountability, and sound decision-making, ultimately enhancing firm performance.

The results of the regression analysis indicate that the marketing variable explains approximately 30.4% of the variation in sales, underscoring the relevance of marketing efforts. The coefficient for marketing suggests that for every unit increase in marketing, sales are expected to increase by 0.553 units. These findings imply that agri input firms in India should prioritize and allocate resources towards developing and implementing effective marketing strategies tailored to the agricultural sector.

Furthermore, the research underscores the significance of corporate governance in agri input firms. The presence of strong governance practices ensures transparency, accountability, and effective management. This, in turn, positively impacts firm performance. Therefore, agri input firms should focus on enhancing their corporate governance frameworks to promote better decision-making and long-term sustainability.

However, it is important to acknowledge certain limitations of the study. The research focused exclusively on agri input firms in India, limiting the generalizability of the findings to other sectors or countries. Additionally, the availability and quality of data may pose limitations to the analysis. Other factors beyond the scope of this study, such as market conditions and macroeconomic factors, may also influence firm performance.

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