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Analysis Of The Influence Of Tomasiwa Village Unit Cooperative (KUD) On Member Welfare (A Case Study In Morela Village, Leihitu District, Central Maluku Regency, Maluku Province)

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Abstract

How does the Tomasiwa Morella Village Unit Cooperative influence welfare members in Morella Village, Leihitu District, Central Maluku Regency, For determine the influence of the Tomasiwa Morella Village Unit Cooperative on welfare members in Morella Village, Leihitu District, Central Maluku Cooperative Regency, in improving its performance and competitiveness to provide benefits formembers and the public.. The questionnaire consists of two parts, namely the first part regarding the respondent profile and the second part regarding the research variables, namely the influence of cooperatives on the welfare of cooperative members. Influence variable cooperatives are measured through several indicators, such as management participation, supervision, training and counseling on member welfare variables. Data obtained from questionnaires and secondary data were analyzed using using multiple linear regression analysis techniques. Based on the analysis results multiple linear regression, management participation, supervision and training have major influence on member welfare. The results of data analysis show Tomasiwa Morella's village unit cooperative (KUD) business activities have a significant influence to the welfare of members. Except for the training of related members in the field of member cadre formation so that in the future they can become leaders in the KUD This is because the cooperative leader will only inherit 1 from the cooperative owner.

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The Influence of Tomasiwa Morella KUD on Member Welfare: This research identified that the Tomasiwa Morella Village Unit Cooperative (KUD) has positive influence on the welfare of its members. Management participation, supervision, and training contribute significantly to improvement member welfare

Keywords: Cooperatives, management participation, supervision and training, well-being

INTRODUCTION

Cooperatives are part of the economic structure, this means that In its activities, cooperatives also take part in achieving life a prosperous economy, good for the people who are members of the association itself and for the community around it. Cooperative as an association for mutual prosperity, carrying out businesses and activities in the field of fulfillment the shared needs of its members.

In today's business world which is developing rapidly where the level increasingly fierce competition, cooperatives are required to play a bigger role in empowering the people's economy. In order to maintain the existence of the business Cooperatives are required to always strive for a mechanism or process
management of a financial structure that allows for maintaining health the cooperative. According to Edilius (2004) the meaning of cooperatives is as follows: cooperatives are business entities in order to develop the people's economy based on the principle of kinship.

In Law no. 17 of 2012 concerning cooperatives article 1 paragraph 1 is mentioned that, a cooperative is a legal entity founded by an individual or cooperative legal entity, with the separation of the assets of its members as capital to run a business, which meets the aspirations and needs of the community economic, social and cultural fields in accordance with cooperative values and principles.

Maluku Province has great economic potential, especially in the sector agriculture, fisheries and small business sectors. Village Unit Cooperatives (KUD) are one of the important institutions in developing the rural economy in this province. KUD Tomasiwa Morela is one of the KUD that plays a role in this optimize the economic potential of the village.

The Tomasiwa Morella Village Unit Cooperative (KUD) employs the community around in producing nutmeg juice as a product of the KUD, members Those who work at

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KUD Tomasiwa Morella have an average length of work of 7 years. Where the workers who work in the small nutmeg juice industry already work from This KUD was initially formed in 2008.By employing 17 people as KUD members and also as workers at the Tomasiwa Village Unit Cooperative (KUD). Energy reasons The work/members work at KUD Tomasiwa for various reasons economy, utilizing free time and work in this small nutmeg juice industry not too difficult.

KUD Tomasiwa Morela, like many cooperatives throughout Indonesia, experienced problems in various aspects, one of which was not operating at the time there is no seasonality or time to harvest nutmeg as raw material in the manufacture of nutmeg juice, which may affect its performance and well-being its members. Cooperatives that only operate seasonally can result various problems, including limited access to financial services and also working hours that are only available seasonally. Therefore, analysis is needed in depth to understand the impact of KUD Tomasiwa Morela on welfare its members.

Based on the background above, the author is interested in conducting research more in depth regarding this cooperative, especially the Analysis of the Influence of Cooperative Units Tomasiwa Village towards Member Welfare.

RESEARCH METHODS

Research Period

This study was conducted from September to October 2023.

Research Location

The research was carried out in Morella Village, Leihitu Subdistrict. The selection of Morella Village as the research location was based on several factors, namely, Morella Village is one of the villages that has a Village Unit Cooperative, namely Tomasiwa Village Unit Cooperative (KUD Tomasiwa).

Population and Sample

Population: The population in this study consists of all members of the Tomasiwa Morella Cooperative registered with the Cooperative and SME Agency of the Maluku Province. The sample in this study was taken using a census method, meaning that the number of samples taken in this study included all 17 cooperative members as

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respondents. Sampling considerations included criteria such as age, gender, and education.

Research Instrument

The research instrument used in this study was a questionnaire. The questionnaire comprised two parts: the first part addressed respondent profiles, and the second part focused on the research variable, namely the impact of the cooperative on the welfare of its members. The variable of the cooperative's impact was measured through several indicators, including board participation, supervision, training, and guidance on member welfare.

Data Collection Method

Data collection involved distributing questionnaires to cooperative members as samples. The questionnaires were distributed in person and filled out by respondents at predetermined locations. Additionally, secondary data such as cooperative financial reports and cooperative and SME statistics from the Cooperative and SME Agency of the Maluku Province were used for analysis.

Data Analysis

Data obtained from the questionnaires and secondary sources were analyzed using multiple linear regression analysis techniques. The analysis was conducted using statistical software such as SPSS and Microsoft Excel.

RESULTS AND DISCUSSION

Respondent Characteristics The respondents sampled in this study, consisting of 17 individuals, are members, supervisors, and officials of the Tomasiwa Morella Village Unit Cooperative (KUD). The characteristics of the respondents are as follows:

Table 1 Respondent Characteristics Based on Gender

Gender	Frequency	Percentage
Male	6	35%
Female	11	65%
Total	17	100%

Source: Data processed from the questionnaire (see appendix).

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In Table 1, the characteristics of respondents based on gender are presented. The table illustrates the distribution of respondents, indicating the number and percentage of males and females among the members, supervisors, and officials of the Tomasiwa Morella Village Unit Cooperative. The data is derived from the processed questionnaire, as detailed in the appendix. This gender-based breakdown provides a comprehensive overview of the gender composition within the cooperative, offering valuable insights into the demographic dynamics of its participants.

Table 2 Respondent Characteristics Based on Age

Age Range	Frequency	Percentage
< 30 Years	1	5%
31 – 40 Years	2	10%
41 - 50 Years	10	60%
51 – 60 Years	4	25%
Total	17	100%

Source: Data processed from the questionnaire (see appendix).

From Table 2, it is evident that the research results show that the majority of respondents fall within the 41–50 years age range. The average age of members of the Tomasiwa Village Unit Cooperative (KUD) is between 41 and 50 years and 51 to 60 years.

Table 3 Respondent Characteristics Based on Education Level

Education Level	Frequency	Percentage
Elementary (SD)	0	0%
Junior High (SMP)	6	35%
Senior High (SMA)	8	48%
Bachelor's Degree (S1)	3	17%
Total	17	100%

Source: Data processed from the questionnaire (see appendix).

From Table 3, it is observed that the research results indicate that the majority of respondents have a senior high school education level within the Tomasiwa Morella Village Unit Cooperative (KUD).

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Data Analysis

To determine the influence of independent variables on the dependent variable, an F-test was conducted using SPSS with a significance level of 0.05 (5 percent). If the calculated F-value is greater than the critical F-value with a significance probability of 0.05 (5 percent), the regression model is considered significant. With a significance level of 0.05 (5 percent), the critical F-value is obtained from the F-distribution table as f (3;14)=3.34. The following table shows the results of the F-test using SPSS 23:

Table 4 Results of the F-test on Factors Influencing Member Income:

Model		F	Sig.
1	Regression	41,125	,000[b]
	Residual		
	Total		

Source: Data processed using IBM SPSS Version 23

Hypotheses

- H0: There is no significant influence of board participation, supervision, and training simultaneously on income.
- H1: There is a significant influence of board participation, supervision, and training simultaneously on income.

Based on Table 4, the calculated F-value for board participation, supervision, and training is 41.125, which is greater than the critical F-value 3.34, with a significance probability of 0.0000.000, less than 0.05. Therefore, H0 is rejected, and H1 is accepted

Multiple Linear Regression Analysis

Multiple linear regression analysis is employed to assess the magnitude of the influence between independent variables (board participation (X1), supervision (X2), training and guidance (X3)) and the dependent variable (income (Y)). This analysis is used to understand both the direction and the extent of the influence of independent variables on the dependent variable.

To examine the partial influence of independent variables on the dependent variable, a t-test is conducted at a significance level of 0.05. If the calculated t-value is greater than the critical t-value with a significance probability of 0.05, the regression

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model is considered significant. With a significance level of 0.05, the critical t-value is obtained from the t-distribution table as t(0.025:13)=2.160t(0.025:13)=2.160.
The following table shows the results of the t-test using SPSS 23:

Table 5 Results of the t-test on Factors Influencing Income:

Model		T	Sig.
1	(Constant)	5,466	,000
	Board Participation	3,349	,005
	Supervision	4,918	,000
	Training	,114	,911

Source: Data processed using IBM SPSS Version 23

Based on Table 10, the following observations can be made:

- The calculated t-value for the board participation variable is 3.349, which is greater than the critical t-value of 2.160, with a significance probability of 0.005, less than 0.05. Therefore, H1, stating that board participation has a positive and significant influence on income, is accepted.
- The calculated t-value for the supervision variable is 4.918, which is greater than the critical t-value of 2.160, with a significance probability of 0.0000.000, less than0.05. Therefore, H1, stating that supervision has a positive and significant influence on income, is accepted.
- The calculated t-value for the training variable is 0.114, which is smaller than the critical t-value of 2.160, with a significance probability of 0.911, greater than 0.05. Therefore, H0, stating that training does not have a positive and significant influence on income, is accepted.

These results indicate that board participation and supervision have a positive and significant influence on income, while training does not show a significant influence.

DISCUSSION

This study aimed to investigate the influence of the Tomasiwa Morella Village Unit Cooperative (KUD) on the Welfare of its Members. The research was conducted from October 27 to November 1, 2023, utilizing data obtained from questionnaires. The

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questionnaire scores were derived from the sum of each variable: board participation (X1), supervision (X2), training and guidance (X3), and income (Y).

Based on the results of multiple linear regression analysis, board participation, supervision, and training have a significant influence on the welfare of members. The data analysis indicates that the business activities of the Tomasiwa Morella Village Unit Cooperative significantly affect the welfare of its members. However, it is noteworthy that member training, particularly in the area of member cadreship, is essential for future leadership within the cooperative. Leadership positions in the cooperative are traditionally reserved for cooperative owners and are often passed down through generations.

Income of the Tomasiwa Morella Village Unit Cooperative (KUD)

In the context of nutmeg juice business activities, the profit-sharing model applied by the cooperative is a 50/50 split. This means that 50% of the generated income is used for cooperative management activities, while the remaining 50% is distributed equally among all cooperative members. This system aims to provide fair income to all cooperative members.

The production cost of one bottle of nutmeg juice, covering all aspects from equipment to raw materials, is jointly borne by the cooperative and cooperative members who are willing to participate in the production process. The production cost is calculated at Rp. 3,900 per bottle. On the other hand, the selling price of one bottle of nutmeg juice is Rp. 5,800. Therefore, the profit per bottle of nutmeg juice can be calculated as the difference between the selling price and production cost, which is Rp. 1,900 per bottle.

This system is designed to incentivize cooperative members to actively engage in nutmeg juice production activities while supporting the sustainability and development of the cooperative as a whole. The profits generated from nutmeg juice sales are reinvested in cooperative management and distributed evenly, creating a fair and sustainable business environment for all members.

Table 6 Average Income of Tomasiwa Morella Village Unit Cooperative (KUD) in 2022.

No	Production Quantity/bottle	Income (Rp)	Profit (Rp)
1	46,654	270,593,800	88,642,600

Source: Tomasiwa Morella Village Unit Cooperative Office 2023

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Based on the above Table 6, it can be observed that in the year 2022, the Tomasiwa Morella Village Unit Cooperative (KUD) achieved a total income of Rp 270,593,800. From this amount, the profit earned by the cooperative reached Rp 88,642,600. This profit was then allocated for the operational costs of the KUD, amounting to Rp 44,321,300, and the remaining income of Rp 44,321,300 was evenly distributed among the 17 cooperative members.

The results of this distribution indicate that each member of the Tomasiwa Morella Village Unit Cooperative received an income of Rp 2,607,136 in one year. This reflects the allocation of adjusted profits for operational costs, followed by an equal distribution among the cooperative members.

Research Findings

The Tomasiwa Morella Village Unit Cooperative (KUD), currently specializing in the production of nutmeg juice, aims to innovate in the future to create additional products for the benefit of its members, as stated by the cooperative's chairman in interview results. The cooperative envisions the production of nutmeg jam from the processing of nutmeg juice, utilizing all raw materials used in nutmeg juice production, ensuring economic value. This innovation is expected to have a significant impact on the income and welfare of cooperative members.

Members of the Tomasiwa Morella Village Unit Cooperative not only receive financial support through stimulus aid but have also undergone training provided by the UNIDO NGO. The focus of this training is on developing nutmeg into nutmeg juice, and its results have had a significant impact on the productivity of nutmeg juice production in the cooperative. The opportunity to gain knowledge and skills from this training has helped improve the quality of the product and the efficiency of the nutmeg juice production process.

The nutmeg juice produced by the KUD Tomasiwa Morella also attracts interest from both local and non-local communities. The cooperative chairman states that the nutmeg juice produced by KUD Tomasiwa Morella has been successfully sold outside the Maluku Province. This success provides additional motivation for members to continue working hard, innovating, and developing nutmeg juice products, both now and in the future.

Thus, the combination of financial support, training from UNIDO NGO, and the success of the nutmeg juice product from KUD Tomasiwa Morella in the regional market

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is a key factor in boosting the spirit and innovation of cooperative members. This creates a strong foundation for the sustainable growth of KUD Tomasiwa Morella in producing and marketing high-quality nutmeg juice products.

This positive attention is one form of movement that is highly expected to contribute to the rapid development of the cooperative, creating job opportunities for the Central Maluku community and specifically for the Morella Village.

By implementing effective management in the Tomasiwa Village Unit Cooperative (KUD), it can be demonstrated with tangible evidence that the welfare of members can be realized. This effort can begin with the organization of specialized training for members, aiming to enhance creativity and innovation in utilizing the results and productivity of nutmeg juice within KUD Tomasiwa. This training is expected to provide members with the knowledge and skills needed to optimize the use of nutmeg juice products, thus providing additional income beneficial to their needs.

Meanwhile, the importance of mutual respect and appreciation between the management and members of KUD Tomasiwa also needs to be emphasized. Improving harmonious relationships among them will help create a positive and productive working environment. Close cooperation between management and members will support the smooth operation of KUD, as well as increase member motivation to actively participate in cooperative activities.

Thus, these efforts are expected to make a positive contribution to the welfare of KUD Tomasiwa members through increased additional income and the development of good relationships between management and members

CONCLUSION

Based on the discussion presented in this research, several important conclusions can be drawn:

1. Impact of Tomasiwa Morella Village Unit Cooperative (KUD) on Member Welfare: This study identifies that the Tomasiwa Morella Village Unit Cooperative (KUD) has a positive influence on the welfare of its members. Board participation, supervision, and training significantly contribute to improving member welfare.
2. Profit Sharing System: KUD Tomasiwa Morella implements a fair profit-sharing system by evenly distributing income from the nutmeg juice business to all cooperative members. This is a crucial factor supporting member welfare.

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3. Potential for Product Development: KUD Tomasiwa Morella has the potential to develop other products besides nutmeg juice, such as nutmeg jam, which can increase member income. This innovation is a positive step towards enhancing member welfare.
4. Capital Assistance and Training: KUD Tomasiwa Morella receives business capital assistance and training from relevant authorities, such as the cooperative department and NGOs. This provides significant support in improving the productivity and income of cooperative members.
5. Market Potential Beyond Local: The nutmeg juice produced by KUD Tomasiwa Morella has attracted attention in both the local and even non-local markets outside the Maluku Province. This indicates the potential for expansion and increased income through product sales to a wider market.

These conclusions underscore the positive impact of KUD Tomasiwa Morella on member welfare and the potential for further development and innovation. The cooperative's commitment to fair profit-sharing, product diversification, external support, and market expansion contributes to a sustainable and prosperous future for its members.

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