



# Relationship Leadership of Farmers Group with Group Dynamics in Mekar Jaya Village Bandar Sribhawono District Lampung Timu District

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**ABSTRACT:** Corn production in Mekar Jaya Village is still relatively low compared to other villages in Bandar Sribhawono District, East Lampung Regency. The purpose of this study was to analyze the relationship between the leadership of the farmer group leaders and the dynamics of the corn farmer group, to analyze the effect of farmer group dynamics on the level of application of five farming systems of maize and to analyze the productivity of maize farming in Mekar Jaya Village. The population in this study were all corn farmers and the method used was a survey method. The results of this study are 1) The leadership of the farmer group leader is positively related to group dynamics, 2) Corn productivity in farmer groups in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency is included in the "Low" category.

**KEYWORDS:** Leadership, and Group Dynamics

## I. INTRODUCTION

East Lampung Regency has 24 sub-districts, Bandar Sribhawono District is one of the sub-districts that has the highest corn crop production and ranks first in East Lampung Regency where in 2019 the total corn production reached 29,557 tons. Mekar Jaya village is one of seven villages in Bandar Sribhawono sub-district and is one of the centers for producing corn, this is quite reasonable considering that most of the people in this village depend on the corn farming sector for their livelihood. The existing phenomenon is that maize production in Mekar Jaya Village is still relatively low compared to other villages in Bandar Sribhawono District, East Lampung Regency. Based on the data that the authors obtained from the Department of Agriculture and Plantation, East Lampung Regency, there is a downward trend in the level of corn production in Mekar Jaya Village, Bandar Sribhawono District, every year. The people of Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency. The majority of the population in this village depend on the majority of their economy from corn plantations.

One of the government's programs in order to apply sustainable agriculture, including corn farming, so as to improve the standard of living

of farmers is to form farmer groups. Likewise with the participation of farmer group members, the more dynamic and intensity of farmer group meetings or the more often farmers group members come to hold farmer group meetings and meetings, the more their income or results obtained in their business, because in these meetings farmers get information about how to cultivate good crops, use balanced fertilizers, manage natural fertilizers, financial management and assistance that is sometimes given by the government to farmer groups.

The results of the pre-survey that the author conducted on November 23-28 2019, on 12 corn farmer groups in the village Prosperous Enterprises, Tunas Harapan, Teguh Tani, Karya Usaha, Rukun Tani, Setya Tani, Sinar Jaya, Marga Jaya, Tani Makmur, Tunas Tani, Tani Maju, and Mekar Sari obtained problem data, namely: 1) Less effective leadership carried out by the head of the farmer group, 2) The lack of effective leadership carried out by the head of the farmer group indirectly has an impact on the less dynamic farmer group. Based on the above background this research has a purpose to: Analyzing the relationship between the leadership of the farmer group leader and the dynamics of the corn farmer group in Mekar Jaya Village Bandar Sribhawono District, East



Lampung Regency. Analyzing corn farming productivity in Mekar Jaya Village Bandar

Sribhawono District.

## II. RESEARCH METHODS

The method used in this study is a survey method, namely research that takes a sample from a population using a questionnaire as a data collector. This research was conducted in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency. The selection of this location was determined by using the purposive sampling method, which is a method of determining the location/samples of research that is intentional based on certain considerations (Sugiyono. 2013). Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency was chosen as the location of this study based on the declining corn productivity in the last three years among villages in Bandar Sribhawono District, East Lampung Regency.

The population in this study were all corn farmers who were members of farmer groups in Mekar Jaya Village with a total of 206 farmers and in determining the sample, the researcher used the Slovin formula. The number of samples to be taken in this study were 67 corn farmers in farmer groups in Mekar Jaya Village.

The data analysis method used in this research is descriptive qualitative data analysis. Measuring instrument for leadership variable of farmer group leader (X) group dynamics

## III. DISCUSSION

### Analysis The Relationship between the Leader of the Farmer Group and the Dynamics of the Group

Based on the hypothesis test on table above it is known that the leadership of the farmer group leader is related to group dynamics in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency, because based on the results of statistical tests the significant value obtained is below 0.01. The results of this study are in line with the results of research conducted by previous researchers Mugi Lestari (2018), which states that there is a very significant relationship between the leadership of farmer group leaders and the effectiveness of farmer groups in Pacitan District. More according to Soeprihanto, (2013). Leadership is the overall activity of superiors in order to influence people to want to work together to achieve the desired goals together. Leadership plays a very important role in an organization.

Referring to the results of the research and theories above, it can be assumed that the

(Y) and five farming enterprises (Z) using a questionnaire and having alternative Likert scale answers, each answer from the questionnaire given has a score of one to five. a) Alternative answer (SS) Strongly Agree given a score of 5, b) Alternative answer (S) Agree given a score of 4, c) Alternative answer (N) Neutral is given a score of 3, d) Alternative answers (TS) Disagree given a score of 2 and e) Alternative answers (STS) Strongly Disagree given a score of 1

Testing the relationship hypothesis in this study using Spearman Rank correlation analysis, The rs formula is used on the basis of the consideration that in this study will see the correlation (closeness of relationship) between the variables of the ranking and divided into certain classifications. This is in accordance with the rs function which is a measure of the association of two related variables, measured at least on an ordinal scale, so that the object or individual being studied can be ranked in a sequential order. Decision making criteria:

1. If the value of Sig. < 0.05 then H0 is rejected and H1 is accepted or there is a significant relationship between the two variables
2. If the value of Sig. > 0.05 then H0 is accepted and H1 is rejected or there is no relationship between the two variables.

Leadership of the farmer group leader is related to group dynamics in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency, meaning that the dynamic or not dynamic of farmer groups in Mekar Jaya Village, Bandar Sribhawono Regency, East Lampung is very dependent on the effectiveness of the leadership of the farmer group leader in mobilizing the farmer group, in other words the effectiveness of the leadership of the farmer group leader in moving the farmer group is closely related to the dynamic or not dynamic of the farmer group in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency.

## IV. RESULTS OF RESEARCH

### Characteristics of Respondents

The age range of respondents is categorized in the young category, in generally, they have a higher enthusiasm at the working process because they have not achieved career satisfaction (Listiana et al 2019). The age of the respondents in this study who belonged to the old group was 13 people (21%) and the productive age was 54 people (79%). While the average age of



respondents is 46 years which is included in the classification of productive age. The overall age range of extension agents is dominated by ages 31-41 years (35.21%) and 51-60 years (33.80%) (listiana, 2018)

Most of the respondents, namely 37 people (55.22%) in this study had elementary school education (SD), 21 people (31.35%) had junior high school education (SMP), and 9 people (13.43%) high school (SENIOR HIGH SCHOOL). Based on the results of this study, it can be seen that the education level of the respondents is low because the majority of respondents only graduated from elementary school.

The area of land cultivated by respondents is included in narrow, medium and wide land with the number of respondents each being 8 people (11.90%) for narrow land, 54 people (80.60%) for medium land, and 5 people (7.50%) for large land, while the average area of land cultivated by respondents in Mekar Jaya Village is 1.4 hectares which is included in the medium land classification

#### Analysis Description Data

Qualitative data analysis in this study describes the leadership of farmer group leaders, farmer group dynamics, and maize productivity in Mekar Jaya Village. As for the results qualitative data analysis These can be described in the following table:

Table 1 variable frequency distribution kthe leadership of the farmer group leader

No	Indicator	Average	Category
1	Analyzing Organization and goals	2.7	Pretty good
2	Determining Structure	3.2	Pretty good
3	Taking Initiative	2.5	Not good
4	Achieving Organizational Goals	2.5	Not good
5	Providing Communication Facilities	2.3	Not good
6	Cultivating a Sense of Unity	2.7	Pretty good
7	Develop a Sense of Happiness	2.4	Not good
8	Syntality	2.9	Pretty good
Average		<b>2.7</b>	<b>Pretty good</b>

Source: Data processed

The overall assessment can be seen in table 1 thatThe leadership of the farmer group leader in Mekar Jaya Village is in the poor category with an average score of 2.7. The indicator of the leadership of the farmer group leader who gets the highest appreciation is determining the structure, while the indicator that gets the lowest score is providing communication facilities.

The overall assessment can be seen that in Table 5, Group dynamics in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency is in the poor category with an average score of 2.6, while the indicator of group dynamics that gets the highest appreciation is group cohesiveness while the indicator that gets the lowest appreciation is group coaching and development.

Table 5variable frequencygroup dynamics

No	Indicator	Average	Category
1	Group Goals	2.2	Not good
2	Group Structure	2.8	Pretty good
3	Task Functions	2.9	Pretty good
4	Group Building and Maintenance (Group Building and Maintenance)	2.1	Not good
5	Group Cohesiveness	3.1	Pretty good
6	Group Atmosphere	2.7	Pretty good
7	Pressure on the group	2.2	Not good
8	Group effectiveness	2.3	Not good
9	Hidden agenda	3.0	Pretty good
Total		<b>2.6</b>	<b>Not good</b>

Source: Data processed

Based on the results of table 6, it can be seen that the overall corn productivity of respondents infarmer groups in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regencythe average in the category "Low" means the productivity of corn produced by membersFarmer groups in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency should be further improved



Table 6 frequency distribution corn productivity

No	Class Interval	Category	F	(%)
1	7.7 – 8.4	Tall	12	17.9
2	6.9 - 7.6	Currently	20	29.8
3	6.0 -6.8	Low	35	52.3
Amount			67	100

Source: Data processed

### Hypothesis Testing

Based on the hypothesis test in Table 7, the significant level is 0.000 because the probability or the significant level is less than 0.05, then leadership of farmer group leader associated with group dynamics or  $H_0$  is rejected and  $H_a$  is accepted, thus the Hypothesis, "The leadership of the farmer group leader is related to group dynamics in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency, received

Table 7 results of the analysis of the relationship between the leadership of the farmer group leader and group dynamics

Variable X	Y variable	Correlation Coefficient (rs)	Sig. (2-tailed)
Leadership of farmer group leader	Group dynamics	0.537	0.000

Source: Data processed

## V. CONCLUSION

Based on the results of research and discussions that have been carried out, it can be concluded that the leadership of the farmer group leader is in the poor category, and the leadership of the farmer group leader is significantly related to group dynamics in Mekar Jaya Village. It means iff the leadership of the farmer group leader is carried out well, it will indirectly make the dynamics of the farmer group even better.

Corn productivity in farmer groups in Mekar Jaya Village, Bandar Sribhawono District, East Lampung Regency, including: in the "Low" category

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