



INCREASING INCOME OF CHICKEN FARMERS THROUGH TRAINING ON THE USE OF SIDE PRODUCTS OF LAYERING CHICKENS IN NORTH KONAWE DISTRICT

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Abstract

The laying hen farming business is one of the businesses that has great potential to be developed in North Konawe Regency, considering that the need for eggs from the people of North Konawe Regency is quite high. The supply and demand for eggs is sometimes unbalanced where demand is higher, so that to meet the need for eggs, the people of North Konawe Regency have to import from outside the district and province. The growth of the laying hen farming business in North Konawe Regency is a positive thing for the regional economy, but on the other hand, laying hen breeders have relatively not looked at the other side of the laying hen farming business. Farmers only focus on the core business, namely producing as many eggs as possible, so the side products of the laying hen farming business are relatively sidelined.

Side products can increase the income of laying hen farmers if managed well, but so far farmers have not realized that there are several products that can become side products from laying hen farms. Several problems related to the problems faced by laying hen farmers in North Konawe Regency, namely; Firstly, knowledge of laying hen breeders regarding the benefits and advantages of side products from livestock businesses is still relatively lacking. Second, the knowledge or ability of laying hen breeders in managing side products from the laying hen farming business is relatively minimal. Third, the marketing of various side products from the laying hen farming business is relatively not well segmented. This activity was carried out in Bendewuta Village, Oheo District, North Konawe Regency with 21 participants attending, consisting of laying hen breeders and the community.

The resulting activity achievements are (1). Increased understanding of laying hen breeders about the benefits or advantages of managing Side Products of laying hens. (2). Increasing the knowledge (capacity) understanding of laying hen breeders so that they are able to manage or utilize side products of laying hens. (3). Increasing the ability to market side products from laying hen farming businesses.

Keywords; Side Products, Laying Hens, Income

INTRODUCTION

Livestock farming as an agricultural subsector is a very important business sector in human life. Animal husbandry subsector activities can provide community animal food for development and growth. Increasing livestock production can increase the income of livestock farming communities over time by encouraging breeders to be able to compete locally, regionally, nationally and internationally (Saragih, 2010).

According to the Secretariat General of the Ministry of Agriculture (2019), poultry is livestock that has the potential to be developed because the product produces quickly and contains good nutritional value. Poultry is grouped into two, namely poultry as a commodity and poultry as a resource. Poultry farming as a commodity can be used for its meat and eggs. Poultry as a resource can be renewed through reproduction. Poultry farming has good market prospects, because it is supported by the

characteristics of poultry products that are acceptable to the Indonesian people.

Cultivating laying hens has advantages, including: 1) it has become a business sector that is accepted and developed by the community; 2) cultivation technology has been mastered; 3) support agricultural and fisheries businesses; 4) is the community's mainstay commodity in meeting nutritional needs; 5) relatively fast capital turnover; and 6) can accommodate a fairly large workforce, especially in rural areas.

With the various advantages mentioned above, laying hen cultivation needs to be further developed to increase the income and welfare of breeders, livestock companies and the community. The development of the number of laying hen farms continues to increase, including in North Konawe Regency, this shows that this business is increasingly in demand by the public because it has quite good prospects.

The growth of the laying hen farming business in North Konawe Regency is a positive thing for the regional economy, but on the other hand, laying hen breeders have relatively not looked at the other side of the laying hen farming business. Farmers only focus on the core business, namely producing as many eggs as possible, so the side products of the laying hen farming business are relatively sidelined.

Some examples of side products from laying hen farming businesses that are sometimes forgotten. The potential side products from the laying hen business have the potential to increase the farmer's income. Side products from livestock businesses consist of rejected chickens which can be used as broiler chickens and also laying chicken feces which have many benefits. The following are the benefits of laying hen feces which can be used as an increase in farmers' income, namely; 1). Feces from laying hens can be used as fish feed, bio gas and fertilizer, 2). Discarded laying hens,

Partner Problems

The problems faced by laying hen farmers in North Konawe Regency is; The knowledge of laying hen breeders about the benefits and benefits of side products from the livestock business is still relatively lacking.

METHOD AND PROCEDURES

The method for implementing community service activities in North Konawe Regency will be carried out in two stages, namely the preparation stage and the implementation stage.

Preparation

The preparation stage is preparing the needs for outreach activities on the use of side products for laying hens in North Konawe Regency;

1. Coordination with the Bendewuta Village Government, Oheo District in North Konawe Regency;
2. Prepare equipment for carrying out training;
3. Create and send a letter notifying the implementation of PkM to laying hen breeders and the Bendewuta Village Government, Oheo

District in North Konawe Regency.

Implementation of Activities

PkM activities for laying hen breeders in North Konawe Regency, focuses on increasing understanding, knowledge and skills in managing and marketing laying hen side products, so that they become a source of income for breeders. Therefore, training will be carried out in several themes, namely; Strengthening insight into the benefits of side products for laying hens, managing side products for laying hens into products, strengthening marketing of side products for laying hens.

Implementation of outreach activities on the use of side products for laying hens in North Konawe Regency includes the following activities:

1. This activity explains the benefits of side products for laying chickens.
2. The activity explains products that may be side products for laying hens.
3. This activity explains how to manage or utilize Side Products of laying hens.
4. Activities to process (practice) Side Products accompanied by expert sources, so that they become finished products that are ready to be marketed.
5. The activity explains how to build a Side Product marketing network for laying hen farms using the latest modes.
6. Activities to strengthen marketing networks (practices) accompanied by expert sources using the latest modes, so that Side Products that are processed into products can be sold on the market.

Target

The target of this training is egg-laying chicken breeders and the community in Bendewuta Village, Oheo District, North Konawe Regency.

Evaluation

Evaluation of activity implementation is very necessary in order to achieve activity objectives. The evaluation design for this activity was carried out by a team with a comprehensive evaluation, namely conducting evaluations before and after the PkM activities were implemented. Evaluation includes indicators:

1. Participants' understanding of the material provided.
2. Enthusiasm in carrying out activities.
3. Clarity of the material provided.
4. Ease of receiving material.
5. The way the presenter presents the material.
6. The ability of breeders and employees to practice processing side products of laying hen farming
7. The ability of breeders and employees to carry out marketing practices for laying hen farming side

products.

8. Increase in farmer income after processing and marketing side products from laying hen farming.

RESULTS

This counseling was carried out after the implementing team identified various problems faced by breeders and the community in Bendewuta Village, Oheo District, North Konawe Regency, so it was concluded that there was a need to conduct outreach related to the theme raised in this service, namely Extension of Increasing Side Business Income for Village Laying Chicken Farmers. Bendewuta, Oheo District, North Konawe Regency.

A Technical Preparation, To ensure the success of this outreach activity, several preparations were made. Preparations carried out by the team implementing research activities, namely:

1. Coordinate with laying hen breeders and the people of Bendewuta Village, Oheo District, North Konawe Regency for the implementation of these extension activities, especially regarding the place, time and supporting facilities for implementing the activities.
2. Coordinate with laying hen farmers and the community regarding consumption and other equipment for activities.

Constraints

Obstacles encountered in implementing activities include;

1. Searching for the right implementation time, this is done so that breeders and the community in Bendewuta Village, Oheo District, North Konawe Regency, the majority of whom have jobs, can attend without sacrificing a lot of people's work time.
2. Understanding of laying hen breeders and the community regarding the importance of this activity is not the same, so more intensive explanation is needed.

Community Participation

The enthusiasm of the community in attending the counseling was relatively good, this can be seen from the number of invitations distributed and the number of people who attended. The number of invitations distributed was 21 and 21 people attended, so it can be concluded that the level of community attendance at the counseling reached 100 percent.



Figure 1. Situation and interaction of resource persons and counseling participants

Apart from the fairly high level of attendance, the participation of laying hen breeders and the community can also be seen from the activeness of the extension participants in providing opinions, comments and questions regarding the material presented. Some participants asked more than once, this was because the participants wanted to know more about the content of the material presented, and even asked the moderator to open several question sessions so that the activity was planned to open two question and answer sessions into four sessions.

Benefits of Activities

Some of the benefits obtained from extension activities, namely;

This counseling provides new understanding to the community regarding the potential of livestock breeders owned by the community in Bendewuta Village, Oheo District, North Konawe Regency which can increase some of their income.

The potential side product of chicken farming in Bendewuta Village, Oheo District, North Konawe Regency is quite potential to be managed in order to increase the income of laying hen breeders. Laying hen farmers can manage various by-products apart from the core product of laying hens, such as; processing chicken manure into fertilizer and food for fish ponds, as well as managing chickens that are no longer productive or are rejected.

CONCLUSION

1. Laying hen farms and the community in Bendewuta Village, Oheo District, North Konawe Regency have the potential to increase income by managing the side products of the laying hen farming business.
2. Side product management of the laying hen farming business in Bendewuta Village, Oheo District, North Konawe Regency can be in the form of using laying hen manure into compost and also as fish feed in ponds. Apart from that, managing chickens that are no longer productive (culled) has excellent potential.

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