

V. CONCLUSION AND IMPLICATION

A. Conclusion

1. Based on the result of the research and discussion, this study concludes that:
 - a. DOC has significant effect on the production of probiotic breeders and non-probiotic breeders in Sumbang Subdistrict of Banyumas Regency
 - b. Feed has a significant effect on the production of probiotic breeders and non-probiotic breeders in Sumbang Subdistrict of Banyumas Regency
 - c. Labor has significant effect on the production of probiotic breeders and has no positive significant effect on non-probiotic broiler production in Sumbang Subdistrict of Banyumas Regency
 - d. Heating has no significant effect on the production of probiotic breeders and non-probiotic breeders in Sumbang Subdistrict of Banyumas Regency
 - e. Vitamins has a positive significant effect on the production of probiotic breeders and non-probiotic breeders in Sumbang Subdistrict of Banyumas Regency
2. In probiotic broiler breeder production (Y_1), the variables of DOC (X_{11}), labor (X_{13}), heating (X_{14}) and vitamin (X_{15}) has already efficient, while feed variable (X_{12}) in H_0 rejected area means that feed variable still not efficient in used. So as to reach efficiently, feed dose used on probiotic broiler breeders should be in line with the dose guidance which provided by the partnership. Then in non-probiotic broiler production, the variables of DOC (X_{21}), labor (X_{23}) and heating (X_{24}) has already efficient while the feed variable (X_{22}) and vitamin

variable (X_{25}) still not efficient in used. To obtain efficiently, non-probiotic broiler breeder should change brand chicken feed and vitamin to get more high quality. For chicken feed some of the good brand are *japfa comfeed*, *wonokoyo*, *malindo* and *charoen pokphand*.

3. Probiotic breeders are more profitable than non-probiotic breeders

B. Implications

1. In an era of technological advancement like today, the partnership should be able utilize the advancement of technology to improve the quality of inputs. Such as feed quality improvement and vitamin quality improvement which is processed in certain chicken feed factory. Furthermore, the partnership should be more attention toward the quality of DOC. So that, they don't inflict a financial loss the breeders.
2. Partnership should pay more attention to the breeders and more clearly in giving direction to the breeders. Although, PPLs (worker in partnership company) visits in weekly, there is still many differences in vitamin giving, feed giving and heating using among breeders.
3. Breeders are expected must be more careful, precise and be more thorough in implementing maintenance and quickly to find solutions or anticipation in the face of a changing climate, a fairly dense environment or varied population of livestock.
4. Government / departments which is related to broiler livestock always supervise the quality of DOC and quality of feed suppliers so the quality of

DOC and quality of feed can be well maintained and big expected breeders can have maximum profit can be realized.

5. Feed variable has a positive effect both on probiotic broiler production and non-probiotic broiler production but its use has not been efficient. Finisher feed should be used at the age 21 days (adult chicken). When use the finisher feed, feeding should be mixed with starter feed at the beginning of the period, after that all finisher feed can used. Feeding should be given in prevalent, and the place of feed should not be left empty.
6. Vitamin variable has positive effect toward production both in probiotic broiler breeder and non-probiotic broiler breeder, but in non-probiotic broiler breeder vitamin still not efficient in usage. Vitamin usage should be used on the appropriate dosage and how to use is also the important thing that breeders must know. In the vitamin election also must be adjusted between the type of chicken disease and the type of vitamin used. Moreover, for more effective in vitamin usage, there is should be followed by the assembling of biosecurity in implement medicinal. So that, the disease don'tt easy to attack or contagious to another chicken.