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## Integration of duck – paddy farming for supporting food consumption in Minahasa Regency

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Duck farming in research area developed integrated with paddy plant. The problem is how far the ducks in supporting food consumption in Minahasa Regency not yet known. This research has been conducted with the aim to know the potential of duck-paddy farming development seen from available resources and how far the consumption of duck meat in Minahasa Regency. This research was conducted by using survey method. The research material is duck farming integrated with paddy crop. The location of the research is determined by purposive sampling that is the location that conducts the development of duck-paddy integration that is Remboken District. Respondents are farmers and households who consume duck meat. Duck farming in Remboken District is generally traditional. Ducks are released or shepherded to paddy fields. The results showed that the farmer's livestock was the lowest total of 50 ducks and the most was 500 ducks. The type of duck that is kept in District of Remboken is a kind of Javanese ducks. In addition to rice waste, snail species ("renga") is one of the preferred feed types by ducks. For farmers, this type of feed is considered very good and suitable for laying ducks for high egg production. Ducks are sold around research sites, especially for duck meat restaurant entrepreneurs in the Minahasa Regency. The people of Minahasa Regency tend to consume duck meat because it has a good taste. The cuisine of duck meat is in accordance with the tastes of the people in the research area. Based on the result of the research, it can be concluded that duck livestock business integrated with rice plant gives benefit for farmer with R/C ratio is bigger one and consumption of duck meat tends to increase.

### Biography

Artise H S Salendu is graduated from the Faculty of Animal Husbandry of Sam Ratulangi University, Manado, (Ir). In 1990 he is the Master in Faculty of Post Graduate IPB Bogor (MS). In 2012, he did his Doctorate at Faculty of Agriculture University of Brawijaya Malang (DR). He is the Professor with the expertise of Livestock Economics. Since 1975, until now he is working as a Lecturer at the Faculty of Animal Husbandry of Sam Ratulangi University of Manado. He has experience of professional organizations namely: Board of Indonesian Agricultural Economy Association (PERHEPI) Komda Manado Period 2012-2015, Member of the Association of Food Plant Scientists Indonesia, since 2013 and Association of Livestock Economy Social Scientists Indonesia (PERSEPSI), as Chairman of Komda Manado, since 2017.

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