PERFORMANCE EVALUATION OF SWINE ARTIFICIAL INSEMINATION IN THE

MUNICIPALITY OF SIAY, ZAMBOANGA SIBUGAY PROVINCE

SPECIAL PROBLEM

SUBMITTED TO THE FACULTY OF THE GRADUATE SCHOOL WESTERN MINDANAO

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ABSTRACT

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This study attempted to (1) find out the demographic profile of the respondents, (2) know the swine management practices adopted, (3) find out the performance of artificial insemination in the municipality of Siay, Zamboanga Sibugay Province.

There are 45 artificial insemination. respondents who are adopters of The data were gathered using questionnaire checklist and analyzed using counts, and weighted mean. frequency

The data reveal that the respondents are dominantly females who are housekeepers with an age of 31 and above, Roman Catholic, Cebuano with an income of P-30,001.00 and above, high school graduates and with 1-5 children. They are rice farmers with 1 year experience in swine raising and are AI adopters for 1-2 years.

They have been raising 1-2 sows/gilts fed with a mixture of commercial feeds and tiki-tiki in equal amount twice a day. They adopted artificial insemination for 1-2 years already due to the

following reasons; improve character traits, upgrade the breed, increase litter size, and improve pregnancy rate. While engaging in swine raising, they encountered problems especially during gestation period such as nutritional deficiency, housing and sanitation, and improper feeding. poor

With regards to conception rate, each sow has 61-90% conception rate with 6-10 piglets with an average weight of 0.76-1 kilogram.