



RESEARCH
PROGRAM ON
Livestock

More meat, milk and eggs by and for the poor

Smallholder pig keepers training in pig breeds, breeding and community-based artificial insemination in Uganda

Donald Kugonza¹, Leonard Kawule² and Karen Marshall³

1 Makerere University

2 VetLine Services

3 International Livestock Research Institute

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Patron: Professor Peter C Doherty AC, FAA, FRS

Animal scientist, Nobel Prize Laureate for Physiology or Medicine—1996

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Name of training event	Women and men smallholder pig keepers training in pig breeds, breeding and community-based artificial insemination in Uganda																																		
Aims of the course	To build women and men farmers capacity on pig breeds, breeding and artificial insemination.																																		
Dates	10 November to 1 December 2020																																		
Venue	<p>Trainings were held in the Mukono district of Uganda. 6 trainings events were at various venues, as indicated below:</p> <table><tr><td>Date of training</td><td colspan="2">Training venue(s)</td></tr><tr><td>10 Nov 2020</td><td colspan="2">Namaliri Technical, Kasawo</td></tr><tr><td>13 Nov 2020</td><td colspan="2">Mukono Municipal Council Gardens, Mukono</td></tr><tr><td>17 Nov 2020</td><td colspan="2">Kasawo Subcounty Mukono District</td></tr><tr><td>24 Nov 2020</td><td colspan="2">Nakisunga Sub-County</td></tr><tr><td>26 Nov 2020</td><td colspan="2">Nakisunga Sub-County</td></tr><tr><td>1 Dec 2020</td><td colspan="2">Nakasenyi Primary School, Kasawo</td></tr></table>			Date of training	Training venue(s)		10 Nov 2020	Namaliri Technical, Kasawo		13 Nov 2020	Mukono Municipal Council Gardens, Mukono		17 Nov 2020	Kasawo Subcounty Mukono District		24 Nov 2020	Nakisunga Sub-County		26 Nov 2020	Nakisunga Sub-County		1 Dec 2020	Nakasenyi Primary School, Kasawo												
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Instructors and their affiliation	Donald Kugonza, Makerere University Leonard Kwaule, VetLine Services Henry Mulindwa, Vetline Services																																		
Participant information, including number by gender	<p>Participants comprised 92 smallholder farmers, the majority of which were pig keepers. Of the 92 participants, 35 (38%) were female whilst 57 (62%) were male. Farmers invited to the training were those involved in the ‘MorePork’ project, funded by the Livestock CRP.</p> <p>The number of participants at the varied events were as follows:</p> <table><tr><td>Date of training</td><td>Number female participants</td><td>Number male participants</td><td>Total number of participants</td></tr><tr><td>10 Nov 2020</td><td>7</td><td>11</td><td>18</td></tr><tr><td>13 Nov 2020</td><td>11</td><td>9</td><td>20</td></tr><tr><td>17 Nov 2020</td><td>4</td><td>9</td><td>13</td></tr><tr><td>24 Nov 2020</td><td>8</td><td>14</td><td>22</td></tr><tr><td>26 Nov 2020</td><td>2</td><td>5</td><td>7</td></tr><tr><td>1 Dec 2020</td><td>3</td><td>9</td><td>12</td></tr><tr><td>Total</td><td>35</td><td>57</td><td>92</td></tr></table>			Date of training	Number female participants	Number male participants	Total number of participants	10 Nov 2020	7	11	18	13 Nov 2020	11	9	20	17 Nov 2020	4	9	13	24 Nov 2020	8	14	22	26 Nov 2020	2	5	7	1 Dec 2020	3	9	12	Total	35	57	92
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Associated project/program	The training was performed under the ‘Improving pig productivity and incomes through an environmentally sustainable and gender-inclusive integrated intervention package’ project, also referred to as the <i>MorePork II</i> project, implemented by partners of the CGIAR Research Program on Livestock.																																		
Funder	Livestock CRP																																		

Course summary or agenda	<p>The series of training events built women and men farmer capacity on issues related to pig breeding, pig breeds, artificial insemination, and data recording on pig keeping. Additionally, it introduced the participants to the <i>MorePork II</i> project and invited them to be participants of the community based artificial insemination pilot that will be implemented as part of the project.</p> <p>Agenda:</p> <table border="1"> <thead> <tr> <th>Time</th><th>Topic</th></tr> </thead> <tbody> <tr> <td>14:00–14:15</td><td>Opening, including self-introduction</td></tr> <tr> <td>14:15–14:45</td><td>Overview of the More Pork project</td></tr> <tr> <td>14:45–15:15</td><td>Pig breeds available; their characteristics and intended use; heat detection</td></tr> <tr> <td>15:15–16:15</td><td>Synchronization, artificial insemination and biosecurity protocols</td></tr> <tr> <td>16:15–17:00</td><td>Recording pig data: how and why</td></tr> <tr> <td>17:00–17:45</td><td>Question and answer, recruitment of farmers and pigs into the pilot, closing</td></tr> </tbody> </table>	Time	Topic	14:00–14:15	Opening, including self-introduction	14:15–14:45	Overview of the More Pork project	14:45–15:15	Pig breeds available; their characteristics and intended use; heat detection	15:15–16:15	Synchronization, artificial insemination and biosecurity protocols	16:15–17:00	Recording pig data: how and why	17:00–17:45	Question and answer, recruitment of farmers and pigs into the pilot, closing
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Links to training material, if available	<p>Material on pig breeds and breeding in the local language of Luganda was shared in printed format with all trainees. See https://cgspace.cgiar.org/handle/10568/111175 and https://cgspace.cgiar.org/handle/10568/111174 for the corresponding English version.</p>														
Any other remarks	<p>The trainees expressed appreciation of the training and the majority indicated they were interested in participating in the community based artificial insemination pilot. The printed training material was very well received.</p>														
Photos															
Contact person(s) for more information	<p>Donald Kugonza, Makerere University, donkugonza@gmail.com Leonard Kawule, VetLine Services, kawuleleon@gmail.com Karen Marshall, ILRI, kmarshall@cgiar.org</p>														