

**Target Countries :**

**Course No. :** 201984716-J002

**No. :** 201984716

**Sector :** Agricultural Development/Animal Health Hygiene / Livestocks

**Sub-Sector :**

**Language :** English

**Outline**

The skills on livestock management will be acquired by participants such as technical leaders, extension officers and veterinarians in developing countries. Furthermore, this course will contribute to the poverty reduction by increasing farmer's income through improvement of their skills both for securing feed with regional resources and for production of high quality milk and meat.

Objective/Outcome		Target Organization / Group	
<p><b>【Objective】</b>                      To develop human resources who plays leading role on cattle management for milk and meat production using regional resources.</p> <p><b>【Outcome】</b>                      1. to understand basic concept of physiology of cattle reproduction and be able to explain how to manage cattle reproduction aiming at yearly calving. 2. be able to explain about feed production with regional resources, nutritional management for milk and meat production and relation between environmental factor and productivity of livestock, 3. be able to explain about milk quality improvement thorough hygienic approach such as prevention of mastitis and hygienic management of milk, 4. be able to explain about efficient meat production by dairy bull and old dairy cow. 5. be able to formulate extension plan concerning cattle management for sustainable milk and meat production using regional resources.</p>		<p><b>【Target Organization】</b>                      Ministry of agriculture, Agricultural extension center, universities,</p> <p><b>【Target Group】</b>                      1. Technical instructor, extension officer, researcher and field veterinarian of dairy husbandry are preferable.                      2. more than 3 year practical experience                      3. university graduates or have an equivalent academic background</p>	
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<p><b>【Preliminary Phase】</b>                      Inception report which includes following information will be submitted.                      1) geographical conditions (climate condition, land utilization form). 2) current situation on cattle management, milk and meat production and facing issues. 3) duties and challenges of participants.</p> <p><b>【Core Phase】</b>                      (1) reproductive management (basic of reproductive management, artificial insemination, observation of reproductive diagnosis) (2) feed and nutritional management (feed production, utilization of unused resources for feed, nutrition diagnosis of livestock, environment and production of livestock) (3) improvement of milk production technology (prevention of mastitis, hygienic management of raw milk, observation of milk products factory) (4) improvement of meat production technology (utilization of dairy bull/old dairy cow, evaluation of meat quality) (5) formulation of interim report which includes extension plan after returning.</p> <p><b>【Finalization Phase】</b>                      Reporting in home country, authorize and implement the action plan.</p>		<p><b>Course Period</b></p>	<p>2019/9~2019/11</p>
		<p><b>Department in Charge</b></p>	<p>Rural Development Department</p>
		<p><b>JICA Center</b></p>	<p>JICA Hokkaido (Obihiro)</p>
		<p><b>Cooperation Period</b></p>	<p>2018~2020</p>
<p><b>Implementing Partner</b></p>	<p>Tokachi International Association, Obihiro University of Agriculture and Veterinary Medicine</p>		
<p><b>Remarks and Website</b></p>	<p><a href="http://www.obihiro.ac.jp/index.html">http://www.obihiro.ac.jp/index.html</a></p>		