

2019年8月30日
August 30, 2019

農業技能測定試験（畜産農業全般）の試験基準概要 英語版
The Outline of the Agriculture Skill Assessment Test Standard (Livestock Farming)
English Edition

National Chamber of Agriculture
Agriculture Skill Assessment Test Office

1. Test standard, etc.

(1) Duration

60 minutes (additional 10 minutes for explanation of the test and voice confirmation screen)

(2) Subjects

○ Confirmation/evaluation of Japanese language abilities(Japanese language proficiency examination)

① Japanese language proficiency examination

Number description type and selection type examination by listening to voice

○Livestock farming academic examination and practical skill examination

① Academic examination

True-false type and selection type examination

② Practical skill examination

True-false type and selection type examination

(3) Number of questions

About 70 questions (including questions which are not scored but are used for analyzing the rate of correct answers, etc.)

2. Admission criterion

The total score must be over the criterion reference score set by the NCA.

3. Operation of this document

The standard of the Agriculture Skill Assessment Test (Livestock Farming) shall be operated based on the original text prepared in Japanese.

2019年8月30日

August 30, 2019

農業技能測定試験（畜産農業全般）学科試験問題の範囲 英語版
The Coverage of Academic Examination of the Agriculture Skill Assessment Test (Livestock Farming) English Edition

National Chamber of Agriculture
Agriculture Skill Assessment Test Office

1. General knowledge regarding livestock farming

(1) Name and use of livestock

The following matters relating to animals used for livestock.

① Cattle, ② Swine, ③ Poultry, ④ Light horses, ⑤ Honeybees

(2) Barn management

Matters relating to the temperature inside the barn.

(3) Livestock management

Matters relating to the supply of feed and water, and conditions of livestock animals.

(4) Emergency response

Matters relating to emergency response.

(5) Composting of manure

Matters relating to composting of manure.

2. Health and Safety

The following matters relating to the health and safety associated with livestock farming jobs.

① Characteristics of livestock, ② Barn cleaning, ③ Disinfection of footwear, etc., ④ Disinfectants, and ⑤ Electricity and fuel oil

3. Dairy

(1) Breeds

Matters relating to characteristics of breeds.

(2) Breeding and physiology

The following matters relating to breeding and physiology.

① Estrus, ② Mating, ③ Pregnancy, ④ Delivery, and ⑤ Artificial insemination

(3) Feeding management

The following matters relating to feeding management.

① Cowshed style, ② Feeding style, ③ Rearing, ④ Calf management, ⑤ Breeding cattle, ⑥ Fattening cattle, ⑦ Diseases, ⑧ Feeding density, ⑨ Water supply, ⑩ Feed design and feed supply, ⑪ Suckling, ⑫ Weaning, ⑬ Environmental management, ⑭ Milking, and ⑮ Shipment of raw milk

4. Beef cattle

(1) Breeds

Matters relating to characteristics of breeds.

(2) Breeding and physiology

The following matters relating to breeding and physiology.

① Estrus, ② Mating, ③ Pregnancy, ④ Delivery, and ⑤ Artificial insemination

(3) Feeding management

The following matters relating to feeding management.

① Cowshed style, ② Feeding style, ③ Rearing, ④ Calf management, ⑤ Breeding cattle, ⑥ Fattening cattle, ⑦ Diseases, ⑧ Feeding density, ⑨ Water supply, ⑩ Feed design and feed supply, ⑪ Suckling, ⑫ Weaning, ⑬ Environmental management, and ⑭ Shipment of living organisms

5. Pig farming

(1) Breeds

Matters relating to characteristics of breeds.

(2) Breeding and physiology

The following matters relating to breeding and physiology.

① Estrus, ② Mating, ③ Artificial insemination, ④ Pregnancy, ⑤ Delivery, ⑥ Suckling, ⑦ Weaning, and ⑧ Return of estrus

(3) Feeding management

The following matters relating to feeding management.

① Suckling piglets, ② Piglets, ③ Fattening pigs, ④ Pregnant pigs, ⑤ Farrowing pigs, ⑥ Breastfeeding pigs, ⑦ Weaned pigs, ⑧ Breeding boar, ⑨ Piggery style, ⑩ Feeding style, ⑪ Rearing, ⑫ Diseases, ⑬ Feeding density, ⑭ Water supply, ⑮ Feed design and feed supply, ⑯ Environmental management, and ⑰ Shipment of living organisms

(4) Health and Safety

Matters relating to prevention and disinfection.

6. Poultry farming

(1) Breeds

Matters relating to brands and egg shells.

(2) Breeding and physiology

The following matters relating to breeding and physiology.

① Body temperature, ② Hatching, ③ Number of days for first egg, ④ Egg laying, ⑤ Lighting, ⑥ Egg weight, ⑦ Body weight, ⑧ Respiration, ⑨ Molting, and ⑩ Feces

(3) Feeding management

The following matters relating to feeding management.

① Poultry house style, ② Feeding style, ③ Brooder, ④ Supervision of chicks, ⑤ Ventilation, ⑥ Diseases, ⑦ Noise, ⑧ Debeaker, ⑨ Feeding density, ⑩ Water supply,

⑪ Feed design and feed supply, ⑫ Environmental management, and ⑬ Selection and shipment

(4) Health and Safety

The following matters relating to health and safety.

① Pests, ② Vermin, ③ Infectious diseases, and ④ Vaccines

7. Light horses

(1) Breeds

Matters relating to characteristics of breeds.

(2) Breeding and physiology

Matters relating to breeding and physiology.

(3) Feeding management

Matters relating to feeding management.

8. Apiculture

(1) Breeds

Matters relating to characteristics of breeds.

(2) Breeding and physiology

Matters relating to breeding and physiology.

(3) Feeding management

Matters relating to feeding management.

9. Operation of this document

The coverage of academic examination of the Agriculture Skill Assessment Test (Livestock Farming) shall be operated based on the original text prepared in Japanese.

2019年8月30日

August 30, 2019

農業技能測定試験（畜産農業全般）実技試験問題の範囲 英語版
The Coverage of Practical Skill Examination of the Agriculture Skill Assessment Test
(Livestock Farming) English Edition

National Chamber of Agriculture
Agriculture Skill Assessment Test Office

1. Dairy

(1) Handling of instruments

- Purpose and use of dairy instruments.

(2) Observation of individuals

- Identification of abnormal cattle and estrous cattle.
- Identification of body types of cattle.

(3) Feeding management

- Identification of feed ingredients.
- Identification of environmental conditions of the cowshed.
- Procedures of feed supply.

(4) Handling of products

- Milking procedure and purpose of using milking instruments.

(5) Health and safety

- Wearing of safe work clothes.
- Handling of disinfectant solution.
- Identification of cattle bed condition.

2. Beef cattle

(1) Observation of individuals

- Identification of breed name and its characteristics.
- Identification of abnormal cattle and estrous cattle.
- Identification of breeding cattle and fattening cattle.
- Identification of body types of cattle.

(2) Feeding management

- Identification of feed ingredients.
- Identification of environmental conditions of the cowshed.
- Procedures of feed supply.

(3) Health and safety

- Wearing of safe work clothes.
- Handling of disinfectant solution.

- Identification of cattle bed condition.

3. Pig farming

(1) Handling of individuals

- Transportation and retention of piglets.

(2) Observation of individuals

- Breed name and characteristics.
- Structure and measurement of pig body.
- Identification of estrous pigs and abnormal pigs.
- Identification of breeding pigs and fattening pigs.
- Identification of pigs for shipment.

(3) Feeding management

- Identification of feed ingredients and feed.

(4) Health and Safety

- Wearing of safe work clothes.
- Handling of disinfectant solution.

4. Poultry farming

(1) Handling of individuals

- Capture, retention, transportation, and debeaking of chickens.

(2) Observation of individuals

- Identification of breeds.
- Structure of chicken body.
- Identification of abnormal chickens.

(3) Feeding management

- Identification of feed ingredients and feed.
- Handling of feeding instruments.

(4) Handling of products

- Handling of chicken eggs.
- Identification of abnormal eggs.
- Identification of egg quality.

(5) Health and safety

- Wearing of safe work clothes.
- Handling of disinfectant solution.

5. Operation of this document

The coverage of practical skill examination of the Agriculture Skill Assessment Test (Livestock farming) shall be operated based on the original text prepared in Japanese.

2019年8月30日

August 30, 2019

農業技能測定試験
日本語能力の確認・評価の範囲（耕種農業・畜産農業共通）
英語版

Agriculture Skill Assessment Test
The Coverage of Confirmation and Evaluation of Japanese Language Abilities (Common to
Crop Farming and Livestock Farming)
English Edition

National Chamber of Agriculture
Agriculture Skill Assessment Test Office

1. Content of confirmation and evaluation of Japanese language abilities

Listening and understanding of the details of farm work instructed in Japanese.

2. Coverage and standard for confirmation and evaluation of Japanese language abilities

① Numerals

Listening and understanding of basic expressions that include numerals, such as prices, time, and date.

② Expressions

Listening and understanding of spoken greetings and short sentences that include basic nouns, verbs, adjectives, and adverbs.

3. Operation of this document

The coverage of confirmation and evaluation of Japanese language abilities in the Agriculture Skill Assessment Test shall be operated based on the original text prepared in Japanese.