ACHIEVEMENTS AND CHALLENGES ON IMPLEMENTATION OF OIE AW STANDARDS IN CHINA

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ANIMAL WELFARE FOCAL POINT
P.R.CHINA

Seminar for OIE Focal Point on Animal Welfare
Canberra, Australia, 12-14 of Nov., 2014
OUTLINES

- Legislative Development
- Initiatives
- Meetings and Cooperation
- Education and Research
- Awareness
- Opportunities and Challenges
Regulations for the Administration of Laboratory Animal (1988), and its supporting regulation Guidelines for the Humane Treatment of Laboratory Animals (2006).

Article 2 of the supporting regulation states that effective measures shall be taken to prevent laboratory animals from unnecessary harm, hunger and thirsty, discomfort, fear, torment, illness, and pain.

Its articles 41-43, 53 refer to animal breeding improvement, feeding environment and transport conditions. Article 53 states: “Transportation of animals…must ensure safety of livestock and provide necessary space, food and water.”

Regulations on Administration of Hog Slaughter (2008 Revision).

Its articles 8, 11, 15 refer to slaughter conditions, operation procedures and techniques, prohibition injecting water to hog.

Article 13 of its supporting regulation on Implementation Methods of Pig Slaughtering Management Regulation (2008) states: “encourage slaughtering houses to conduct humane slaughter according to relevant national standards.”
Management Regulations of Veterinarians Practitioner. (No. 18)

Issued by MOA on Nov. 4th, 2011.

Article 26(4) states that a veterinarian practitioner shall love and protect animals, disseminate animal health care and welfare knowledge.

第26条 培种兽医在执业活动中应当履行下列义务:

(一) 遵守法律、法规、规章和有关管理规定;
(二) 按照技术操作规范从事动物诊疗和动物诊疗辅助活动;
(三) 遵守职业道德,履行兽医职责;
(四) 爱护动物,宣传动物保健知识和动物福利。
Notice on Further Enhancing Inspection, Quarantine and Supervision of Dogs and Cats at the Place of Origin

Issued by MOA on Apr. 22th, 2013.

Article 5.5: carrying vehicle, cages, shall comply with the requirements of animal disease prevention and should be taken consideration of animal welfare.
Technical Criterion of Pig Humane Slaughter  
(GB/T 22569-2008)

- Issued in Dec., 2008
- **Object**: Standardize animal slaughter practices and improve meat quality in line with international standards
- **Contents**: This criterion contains 10 chapters entitled respectively Scope, Terms and Definitions, Management, Facilities, Treatments of injured or sick animals, Unloading, Lairage, Moving, Stunning, Slaughtering and bleeding.
Farm Animal Welfare Requirements for pigs (CAS 235-2014)  
Issued in May 2014
► The First Farm Animal Welfare Standard in China
National standard of *The General Principles of Animal Welfare Assessment* is completed and under approval. It focuses on the welfare of various categories of animals including farm animals, and aims at raising the profile of AW within the livestock industry, and improving awareness and concern over farm animal welfare nationwide.

National standard of *Farm Animal Welfare Requirements for Beef Cattle* is under draft.

National standard of *Farm Animal Welfare Requirements for Mutton Sheep* is under draft.
Agricultural Standard of *Welfare Requirement for Laboratory Animals* is completed and under the process of approval.

Agricultural Standard of *Welfare Assessment Requirement for Pigs* is completed and under the process of approval.
INITIATIVES

Investigation Plan on AW at Pig Slaughthouses

- Initiating from Sept., 2014
- Designing parameters and collecting data related to animal welfare at three stages including unloading, lairage, and stun-stick according OIE AW standards.
- Aiming at improving AW profile at slaughterhouse and drafting regulations on slaughter of animals according OIE science-based technology and Code.
## INITIATIVES

### Investigation Plan on AW at Pig Slaughterhouses

### PARAMETERS AT UNLOADING STAGE

<table>
<thead>
<tr>
<th>No</th>
<th>Truck</th>
<th>Ramp</th>
<th>Falling &amp; Slipping</th>
<th>Lameness</th>
<th>Sick</th>
<th>Death</th>
<th>Shiving/Panting</th>
<th>Time of Unloading</th>
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<tbody>
<tr>
<td></td>
<td>Type</td>
<td>Height/Length/Width</td>
<td>Tier</td>
<td>Bed</td>
<td>Total Number of Animals</td>
<td>Type</td>
<td>Gradient</td>
<td>Height/Length/Width</td>
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**Note:**

1. **Mild Lameness**- Difficulty in walking, but still using all legs; swagger of caudal body while walking; shortened stride.
2. **Moderate Lameness**- Minimum weight-bearing on the affected limb.
3. **Severe Lameness**- No weight-bearing on the affected limb, or unable to walk.
**INITIATIVES**

Investigation Plan on AW at Pig Slaughterhouses

PARAMETERS AT LAIRAGE STAGE

<table>
<thead>
<tr>
<th>No</th>
<th>Pen ID</th>
<th>Length</th>
<th>Width</th>
<th>Lairage Time</th>
<th>Total Number</th>
<th>Death</th>
<th>Number</th>
<th>Drinkers</th>
<th>Shower</th>
<th>Abnormality</th>
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</table>

Water? Y/N | Working? | Panting | Huddling | Shivering | Fighting |
## INITIATIVES
Investigation Plan on AW at Pig Slaughterhouses

### PARAMETERS AT SLAUGHTHERING STAGE

<table>
<thead>
<tr>
<th>Batch No</th>
<th>Total Number</th>
<th>Slaughtering House</th>
<th>Date</th>
<th>Assessor</th>
<th>Stunning System</th>
<th>Key Parameters</th>
<th>Stun-Stick Interval</th>
<th>Total Failure</th>
<th>Stunning Effectiveness Including</th>
<th>Diseases Including</th>
<th>Fresh Skin Lesions after Sticking</th>
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<td>Corneal Righting Breathing Vocalization</td>
<td>Pleurisy Pneumonia White Spot Pericarditis</td>
<td></td>
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|          |              |                    |      |          |                 |                |                    |               |                                   |                   |                                  |

![Image of pigs being processed at a slaughterhouse](image)
INITIATIVES
Farm AW Investigation and Evaluation Plan

About 20 pig farms covering 13 provinces were investigated and evaluated under the systematic animal welfare criteria.

Shandong Tuhe Black Breeding Boar Farm
INITIATIVES
Farm AW Investigation and Evaluation Plan

Dairy farm in Nanjing
INITIATIVES
Good Farm Animal Welfare Awards in China

○ 1st Farm animal Welfare Production Award was launched on 20th of June, 2014.
○ Aiming at rewarding market leading animal husbandry companies, processing companies, and sales companies for their commitments to animal welfare, promoting animal welfare and the healthy and sustainable development of nationwide farming, and improving quality of animal products and the brand competitiveness.

At present, three of Good Farm Animal Welfare Awards have been launched, they are Good Pig Production Award, Good Chicken Production Award, and Good Sheep Production Award in China.
INITIATIVES
Good Farm Animal Welfare Awards in China

- Good Pig Production Award was initiated in Oct., 2013.
- Encouraging to apply higher welfare systems for sows and commercial pigs.

Good Pig Production Award Launching Ceremony in Beijing in Oct., 2013
INITIATIVES
Good Farm Animal Welfare Awards in China

Good Pig Production Award Appraisal
Application Prerequisites

- Within the territory of China
- Registered by Industrial and Commercial Bureau
- Large scale of breeding pigs (no less than 200) and commercial pigs production farm, pig production individuals with certain scale, pig production companies
- Companies with GAP are in priority
Good Pig Production Award Appraisal

Strict Appraisal Standards
Basic requirements

**Environment:** appropriate density, appropriate temperature, dry housing and pens, good air condition, fresh and clean water, safe and healthy fodder (according to the Standards)

**Sows** must be raised in appropriate groups except for lactation period and breeding observation period (30 days after breeding), and be fed with automatic feeding system. Individual-based sow stalls are not permitted.

**Piglets** must be castrated within 7 days’ old. Anodyne must be used if castrated after 7 day’s old.

Basic situation of companies in second audit

**Geographical Distribution:** Covering 13 provinces and cities

**Pig Farm Types:** 7 commercial pig farms, 9 breeding pig farms and 4 farms with both

**Raising Mode:** free range, small group, fermentation bed, automatic feeding system

**Pig species:** local species, foreign species and hybridization species

**Pig farm property:** cooperation, individual farms, state owned farms, high-end brands and large-scale farms
INITIATIVES
Good Farm Animal Welfare Awards in China

Good Pig Production Award Appraisal

Under 4 months’ application and auditing

Communicated  3000 companies
Concerned       200 companies
Intended to apply 100 companies
Applied         60 companies
Second Audited  20 companies
Awarded         13 companies
INITIATIVES

Good Farm Animal Welfare Awards in China

Award winners of the first Good Pig Production Award in China
MEETING AND COOPERATION
China Anima Welfare Forum on Quality and Safety of Meat and Poultry Products 2014

○ Attended by more than 200 participants including officials from MOA, representatives of leading enterprises, as well as professionals and experts from WAP, CIWF, CNU(Korea) and China.
MEETINGS AND COOPERATION

Other Meetings

The 6th World Economic and Environmental Conference Animal Welfare Sub-Forum

China Hunchun High-end Beef Cattle International Conference (August 18, 2014)
MEETINGS AND COOPERATION

Cooperation

Discussion on future cooperation involving standards on mutual recognition and technological assistance with RSPCA.

Launching Good Pig Production Award in China in cooperation with the Compassion in World Farming (CIWF).
EDUCATION AND RESEARCH
China Animal Welfare Education Project

- Launched in Oct., 2012
- Aimed at establishing and advancing an animal welfare education system for Chinese veterinaries in three years.
EDUCATION AND RESEARCH

An Introduction to Animal Welfare for Universities

- To be published at the end of this year.
- Compiled according to OIE Code, *Chapter 7 Animal Welfare*
- An important fundamental course for veterinary university students.
## EDUCATION AND RESEARCH

### Courses Used in Selected Universities

<table>
<thead>
<tr>
<th>UNIVERSITIES</th>
<th>FACULTIES</th>
<th>COURSES</th>
<th>MAJOR/MINOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 China agricultural university</td>
<td>College of animal science and technology</td>
<td>Introduction to animal protection</td>
<td>Public elective</td>
</tr>
<tr>
<td>2 Shanghai jiaotong university</td>
<td>College of agriculture and biology</td>
<td>Animal behavior and protection</td>
<td>Public elective</td>
</tr>
<tr>
<td>3 Guangxi university</td>
<td>College of animal science and technology</td>
<td>Introduction to animal protection</td>
<td>Public elective</td>
</tr>
<tr>
<td>4 Northwest university of political science and law</td>
<td>Legal science professional</td>
<td>Environmental and animal welfare law</td>
<td>Undergraduate major elective courses</td>
</tr>
<tr>
<td>5 Northwest university of political science and law</td>
<td>Environmental resources and protection professional</td>
<td>Animal welfare law</td>
<td>Graduate student elective course</td>
</tr>
<tr>
<td>6 Nanjing agricultural university</td>
<td>Veterinary medicine</td>
<td>Introduction to animal protection</td>
<td>Public elective</td>
</tr>
<tr>
<td>7 Nanjing agricultural university</td>
<td>College of animal science and technology</td>
<td>Animal welfare</td>
<td>Public elective</td>
</tr>
<tr>
<td>8 Northeast agricultural university</td>
<td>College of animal science and technology</td>
<td>Animal welfare</td>
<td>Doctor class</td>
</tr>
<tr>
<td>9 Northeast agricultural university</td>
<td>College of animal science and technology</td>
<td>Animal welfare seminar</td>
<td>Master class</td>
</tr>
<tr>
<td>10 Ningxia university</td>
<td>College of life science</td>
<td>China's endangered animal status</td>
<td>Public elective</td>
</tr>
<tr>
<td>11 National jiayi university</td>
<td>Animal science professional</td>
<td>Animal welfare</td>
<td>Undergraduate course</td>
</tr>
</tbody>
</table>
Livestock and poultry health feeding, production stress management and animal welfare improvement program are involved in all kinds of national scientific research plans, which show that China gives great importance to farm animal welfare and standardization research and application.
○ Conducting various training courses in order to building up a solid basis of practicing OIE AW standards.
○ So far, 235 courses have been delivered, 6706 participants have been trained, including meat inspectors, handlers, butchers and local officials from 1215 slaughterhouses and local authorities, also including students from 16 universities.
AWARENESS
Online resources
AWARENESS

Books

- **Good Practice for the Welfare of Farm Animals** was published in 2011
AWARENESS
Translated Books
A public survey was launched to learn the real situation of public awareness of animal welfare. The result showed that the public of China are not as unconcerned on animal welfare as “assumed”. In contrast, the public of China have a relatively high acceptance level of animal welfare and have a imperative demand on related legislations. Animal welfare products have a bright future with tons of room for consumption growth.
AWARENESS

A Survey Program for Public Awareness on AW

11348 questionnaires were issued by relative communities, government departments, websites and media.

94.63% respondents support animal welfare legislation
AWARENESS
A Survey Program for Public Awareness on AW

Will you purchase animal products originated from animal welfare friendly rearing, transporting and slaughtering condition?

Over 80% respondents are willing to purchase animal derived products under higher animal welfare condition.

At which price will you purchase high animal welfare products?

Nearly 70% respondents are willing to pay a 10% higher price than market price for animal welfare products.
OPPORTUNITIES & CHALLENGES

Future Plan for AW

- Legislation Standards
- Research Education
- Application Services
- Meetings Awareness
OPPORTUNITIES & CHALLENGES

Production and supervision model changed

- After reform of the governmental slaughter function, supervision responsibility is changed into ‘two inspections combined together’.
- Integration of industry chain triggers change in production mode
- Animal welfare issues in intensive farming need to be solved ASAP
OPPORTUNITIES & CHALLENGES

Words Confusion in Chinese

- Welfare = Well being, Benefit, also including Charity and Relief
- Animal Protection = Animal/Wildlife Reservation
- Freedom = Liberty / Liberalization
- Humane = Charitable/Merciful
- Sentiment = Emotion
OPPORTUNITIES & CHALLENGES
Conceptual Confusion in Recent References

- Animal Welfare
  = Animal Protection
  = Wildlife(Animal) Reservation
  = Animal Care
  also including Animal Charity and Animal Relief
  Sometime Mixed with Animal Right and Animal Liberty
- Sentiment Animals = Emotional Animals
# OPPORTUNITIES & CHALLENGES

AW must be highly differentiated from others

<table>
<thead>
<tr>
<th></th>
<th>Major Concern</th>
<th>Actions</th>
<th>Supports</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Animal Welfare</td>
<td>Suffering</td>
<td><strong>Science-based actions.</strong> Provision of basic living environments</td>
</tr>
<tr>
<td>2</td>
<td>Animal Protection</td>
<td>Genetic Resources Sentience?</td>
<td><strong>Sentience-based actions</strong> that prohibit use of animal, including protection, charity and relief</td>
</tr>
<tr>
<td>3</td>
<td>Wildlife Reservation</td>
<td>Genetic Resources</td>
<td><strong>Resource-based actions</strong> that prohibit use of Wildlife</td>
</tr>
<tr>
<td>4</td>
<td>Animal Right</td>
<td>Right</td>
<td><strong>Gathering-based actions</strong> that remove the status of animals as human property</td>
</tr>
<tr>
<td>5</td>
<td>Animal Liberty</td>
<td>Freedom</td>
<td><strong>Gathering-based actions</strong> that remove the status of animals as human property</td>
</tr>
</tbody>
</table>
Thank you for attention!