## Animal Welfare (Layer Hens) Code of Welfare 2012

## Minimum Standards and Example Indicators for Barn and Free-Range Production Systems

The Animal Welfare (Layer Hens) Code of Welfare 2012 sets the minimum standards for the care and management of layer hens under all forms of management used in New Zealand. These standards must be achieved by the owners of layer hens and by the persons who are in charge of them in order to meet their obligations under the Animal Welfare Act 1999.

The Minimum Standards and Example Indicators shown here are for barn production systems with or without access to an outdoor area. (Barns with access to the outdoors are usually referred to as free-range systems). All Minimum Standards except 11 (Range Management) apply to hens housed in barns. Minimum Standard 11 applies only to layer hens with outdoor access.



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## **Stockmanship**

- (b) Staff must be suitably trained to handle an emergency

### Example indicators for Minimum Standard No. 1

## **2** Food and Water

- maintain good health;

- be removed during daily inspections, and raised separately or humanely destroyed immediately.
- (f) Food must not be withheld for more than 12 hours

#### Example indicators for Minimum Standard No. 2

- Feed quality and composition meet the standards of the New Zealand Feed Manufacturers Association Manufacture of Animal Feeds in New Zealand Code of

- Continuous drinking troughs provide at least 2.5cm o space per hen or circular drinking troughs provide at least 1cm of space per hen
- Hens in cages have access to at least two nipples or cups In other housing systems a minimum of 1 bell per 100 hen or 1 nipple or cup per 10 hens is provided

# 3 Shelter and

- If openings to the outdoor area or winter garden are provided, they must be designed to minimiss the adverse effects of the weather on the hens and on the quality of litter.

- Protection from predators is provided

## 4 Housing and **Equipment**

Maintenance

**Construction and** 

Design,

- (iii) avoid metabolic and nutritional disorders.
- All layer hens must have continuous access to water that is sufficient for their needs, palatable and not harmful to health, including up until the time of
- Housing systems and equipment, including shelters used outside and mechanical equipment, must be designed, constructed and maintained to avoid injury, disease or harm to layer hens. (d) Food and water must be provided in ways to prevent Housing systems must be sited to facilitate drainage undue competition and injury. Hens that cannot access food and water adequately mus risks posed by natural and environmental hazards
  - Precautions must be taken to secure the site and
  - protect the health and welfare of the hens Measures must be taken to control pests in and around
  - Controlled environment housing must have alarms that warn of power failure and/or significant temperature

  - The design, size and maintenance of the openings and doors of housing systems must be such that hens can be placed in or removed from them without injury or
  - The following specific design requirements apply:
  - needs of all hens, and ensure hens can lay without
  - (ii) The floor of the nest area must be covered with a suitable substrate that prevents direct contact of hens with a wire mesh floor.
  - (iii) Perching areas must be provided and designed to allow the hen to grip without risk of trapping its claws and must allow all birds to perch at the same time.
  - hens or their food on lower levels and of a height that allows hens to use them easily and without
  - nstructed to support the forward facing claws
  - (vi) In multi-tier systems the distance between the levels must be at least 45cm and the levels must

## Example indicators for Minimum Standard No. 4 Housing and Equipment Design, Construction and Maintenance

- Environmental parameters of the housing syste in accordance with the Minimum Standards for Lighting, Ventilation, and Temperature

- Fail-safe flaps are fitted to fans, outlets and inlets to enable natural ventilation
- Perches are of a design and construction (includin height and spacing) that minimises injury (such as keel damage) or ill-health (such as foot problems) or vent pecking
- 95% of all eggs are laid in the nesting areas Scratch pad area is sufficient to allow all birds to exhibit foraging behaviour
- Perches provide at least 15cm of space per her If a raised slatted floor is used for perching, the slatter area is at least 1/3 of the internal living space
- In barns, at least 1 nest is provided per 7 hens o for group nests, at least 1m² of nesting space is provided per 120 hens
- In barns, at least 250cm<sup>2</sup> of ltter/hen is provided and the litter occupies at least one-third of the ground area to encourage pecking, scratching and dust bathing behaviours

## Contingency **Planning**

- Appropriate fire prevention measures and a documented emergency plan must be in place

## Example indicators for Minimum Standard No. 5 Contingency Planning

- A written contingency plan, covering potential adv events, such as those affecting food and water sup environmental conditions, and housing is available inspection, and staff are trained to implement it
- An alarm system indicates the event of any power of computer failure

### **6** Stocking **Densities**

- Stocking densities or space per pullet (7-18 weeks of
- must not exceed 14 pullets per m<sup>2</sup> for those reared in barns.
- Stocking densities or space per layer hen (19 weeks of age or older):
- (i) must not exceed 7 hens per m² for barns with no (ii) Must not exceed 9 hens per m² for within barns
- king of the outdoor ranging area must not exceed 2,500 hens per hectare.

#### Example indicators for Minimum Standard No. 6 Stocking

## **7** Lighting

- after placement, in order to train them to blackou conditions should lighting fail.
- After the training period, where hens are housed in artificial light, lighting schedules must provide a minimum of eight hours of continuous darkness in each 24-hour period.

- Where hens are housed under artificial light, the light intensity must be raised and lowered gradually over a 15-minute period to give them sufficient time to roost and come off perches without causing injury.

#### Example indicators for Minimum Standard No. 7 Lighting

- Light levels during the light period are at least 20 lux at

## Ventilation

- Ventilation of housing systems must be sufficient to prevent the build-up of heat, humidity, dust or noxiou gases to levels that are harmful to hen health or that cause pain or distress to hens.

#### **Example indicators for Minimum Standard No. 8 Ventilation**

## **9** Temperature

- The brooder area for newly placed chicks must be preheated and the temperature maintained at a level that promotes good chick health and welfare.

### Example indicators for Minimum Standard No. 9

- delines, as appropriate for the age and breed of the

### Litter Management in Barns

- Litter material must be of good quality, friable and free
- Litter condition must be managed to avoid levels of health problems such as the build-up of parasites o

### Example indicators for Minimum Standard No. 10

#### 11 Range **Transport Management**

- to the health and welfare of the hens. (b) The area immediately around the barn must be
- A range management plan must be in place that addresses pasture quality, vegetation and controparasites and diseases.

## Example indicators for Minimum Standard No. 11

- Access to/from the outdoor area is not blocked

## 12 Behaviour

- Hens must have the opportunity to express a range of normal behaviours. These include, but are not limited to nesting, perching, scratching, ground pecking and dust bathing.
- this Code must meet the requirements of Minimum Standard 12(a).

#### Example indicators for Minimum Standard No.12 Behaviour

- Layer hens are active and alert, calm, confident and

## **13** Handling and **Catching**

- The stress of handling, especially at depopulation, must be minimised by appropriate design of the facilities. handling of layer hens, and a nominated member of the catching team must be responsible for supervising monitoring, and maintaining welfare standards throughout the catching process.
- A handler must not carry more than four birds in eac procedure must be humanely destroyed immediately
- Example indicators for Minimum Standard No. 13 Handling and Catching
- Any chicks that fall on the floor are picked up immediately There is evidence of training for catching crews

# 14 Loading and

- Persons responsible for the loading and transport of
- Hens must be placed in transport crates gently and in a manner that allows them to rapidly regain an upright Day-old chicks must be held and transported in conditions of controlled temperature and airflow
- Crates and containers must be constructed to ensure there are no hazards likely to cause injury to the hen

ventilation, even when stationary, to prevent harmfu concentrations of gases or water vapour, and protec the hens from climatic conditions that would

## A contingency plan must be in place to address potential transport problems. Drivers of vehicles must be properly briefed on the contingency plar Example indicators for Minimum Standard No. 14

- Loading and Transport
- Hen transport crates are a minimum of at least 22cm

- A documented contingency plan is evident
- Chicks are delivered to the place where they wi reared as soon as possible after hatching

## 15 Management of Health and

- Every hen must be inspected at least once a day and steps must be taken to address any abnormalities in
- Sick or debilitated hens must be removed and treater or be killed by a humane method as soon as possible
- If the early signs of a disease outbreak are recognis-or suspected, or mortalities are greater than expect appropriate intervention must be undertaken by a suitably qualified person.
- Premises and equipment must be thoroughly cleaned and disinfected before restocking to prevent the carry over of disease-causing organisms to incoming hens.

### Management of Health and Injury

- Dead hens and culls are removed daily and nu
- Regular assessments of the risk of infectious and parasitic diseases are made and appropriate control systems are in place to prevent them

## **16** Beak Tipping

- (b) Beak treatment, when undertaken, must be done using an infrared beam within 3 days of hatching.
- The tipping of beaks of individual hens after 3 days of age must only be undertaken in an emergency with veterinary approval and under veterinary supervision to help control outbreaks of cannibalism during the
- The operator must not remove more than one-quarte of the upper or lower beaks. This means for:
- (i) one- to 3-day-old chicks, no more than 2mm of the beak:
- (ii) adult hens, no more than the blunting of upper

### Example indicators for Minimum Standard No. 16

# **17** Humane

- **Destruction** The method(s) used for the humane destruction of layer hens, including unhatched eggs in the last half of incubation and newly hatched chicks, must ensure rapid death, which is confirmed by inspection.
- appropriately trained and must ensure that the hen are managed gently and calmly at all stages of the
- Any equipment used to undertake humane destruction must be well maintained and not overloaded, so that it operates effectively and efficiently.
- When using gas, the procedure must ensure the collapse of every hen within 35 seconds of exposure to the gas. Layer hens must remain in the gas for at least a further two minutes following collapse and be inspected to ensure that they are dead upon removal of the gas.

must be designed to cause very rapid and complete fragmentation of the egg or day-old chick into small

- Acceptable methods are used. These include

- Persons performing humane destruction are appropriately trained and ensure that the hens are managed gently and calmly at all stages of the process.