

Establishing a Chicken Supplies and Techniques Service Company for Urban Backyard Chicken Owners

Abstract:

This proposal suggests the establishment of a chicken-raising supplies and technology service company that is supervised and participated in by government departments to enable urban residents to raise chickens while meeting government regulations. The company offers services such as selling or renting standardized facilities for chicken-raising, registering new and old female chickens, renting cages and insulated containers, establishing chicken-raising technical consulting centers, and more. The company tracks the location of chickens in the city to contact and notify chicken owners in the event of a disease outbreak. The proposed company aims to promote the importance of biosafety measures, popularize chicken-raising knowledge, and support chicken farmers in applying what they have learned to raise healthy chickens.

Introduction:

This article discusses the importance of obtaining a chicken-raising license and basic knowledge of chicken-raising techniques before applying for a chicken-raising permit. It also emphasizes the necessity of having a backyard and chicken-raising equipment that meets government requirements. In addition, the article suggests the establishment of a chicken supplies and techniques service company supervised and participated in by government departments to offer technical consultation and support to chicken-raising residents.

Suggestion for the city government

Residents who wish to raise chickens or their relatives and friends must undergo training to obtain a chicken-raising license before they are eligible to apply for registration and obtain a chicken-raising permit (Zheng et al., 2020). Basic knowledge of chicken-raising techniques is necessary for raising healthy chickens (Jiang et al., 2019).

To apply for registration and obtain a chicken-raising permit, residents must have a backyard and chicken-raising equipment that meets government requirements (Jiang et al., 2019). The establishment of a chicken-raising supplies and technology service company that is supervised and participated in by government departments can make up for the insufficient personnel in the

administrative law enforcement management of government supervision departments and the technical support of veterinary departments (Wang et al., 2021).

Moreover, such a company can enable healthcare workers who have received education abroad to obtain a chicken-raising technician license through training, provide technical consultation to chicken-raising residents, and enable them to apply what they have learned and play to their strengths (Jiang et al., 2019). By promoting the importance of strictly implementing biosafety measures during outbreaks of highly infectious diseases, chicken-raising knowledge can be popularized (Zheng et al., 2020).

Services Offered by the Company:

The article lists ten services that the chicken supplies and techniques service company will offer. These include registering and tracking backyard chickens to prevent and control the spread of infectious diseases, selling or renting facilities that meet government requirements, establishing registration and pick-up locations for new and old female chickens at major supermarkets throughout the city, installing mobile slaughterhouses for old female chickens, renting cages for old female chickens, establishing registration and pick-up locations for feed, establishing feces drying recycling registration centers, offering dead

chicken dissection services to detect and eliminate the beginnings of highly infectious diseases, and establishing chicken-raising technical consulting centers.

The company will offer the following services:

1. All residents who own backyard chickens need to have a chicken-raising permit and register with the company to receive its services. This will help the company track the location of chickens in the city so they can be contacted and notified in the event of a disease outbreak.

Reference: According to the United States Department of Agriculture, tracking the location of backyard poultry can help prevent and control the spread of infectious diseases. (USDA, 2021)

2. The company sells or rents facilities that meet government requirements for raising up to four female chickens aged four months or older. These facilities include standardized equipment assembled by the chicken owners, such as a 1.6-square-meter chicken coop with lighting, windows, heating, and locks, a 4-square-meter outdoor fenced area with a roof, mosquito screens, and metal mesh to prevent small animals, containers for storing bedding, feed, and

manure, equipment for heating, drying, and packaging manure, or equipment for fermenting chicken manure, a perch at least 60 cm in length in the coop, a waterer, a feeder, and four nest boxes.

Reference: According to the guidelines of the United States Department of Agriculture, the coop and outdoor area should provide adequate space, ventilation, and protection from predators and the elements. The coop should also have a nest box, roost, and access to food and water. (USDA, 2021)

3. Establish new female chicken registration and pick-up locations at major supermarkets throughout the city. Chicken owners can register to buy new female chickens at the supermarket or order them online. The company will notify chicken owners at least a week in advance to pick up their purchased chickens at the store. If the chicken owners do not pick up their chickens on time, the chickens will be sent to a mobile slaughterhouse. If they want to reclaim the chicken's body, they will need to pay for the slaughtering fee separately.

Reference: According to the Humane Slaughter Association, transportation and handling of poultry should be done with minimal stress and injury to the birds. (HSA, 2021)

4. Establish registration and storage locations for the slaughter of old female chickens at major supermarkets throughout the city. Chicken owners can register to slaughter their old female chickens at the supermarket or order it online. The company will notify chicken owners at least a week in advance to bring their old chickens to the store for storage. If they want to reclaim the chicken's body, they will need to pay for the slaughtering fee separately.

Reference: According to the guidelines of the United States Department of Agriculture, poultry should be slaughtered in a humane manner to minimize pain and distress. (USDA, 2021)

5. The mobile slaughterhouse is installed on the trailer of a large truck. On the day of transporting new female chickens, the company will collect old female chickens and slaughter them on the same day (Humane Slaughter Association, 2021). The bodies of these old female chickens will be entrusted to the supermarket for sale.

Reference: According to the guidelines of the World Organization for Animal Health, transportation and slaughter of poultry should be done in accordance with national and international standards to ensure animal welfare and food safety. (OIE, 2021)

6. Chicken owners can rent cages for old female chickens from major supermarkets throughout the city or return cages used to house new female chickens and receive a deposit refund.

7. Establish registration and pick-up locations for feed at major supermarkets throughout the city. Chicken owners can register to purchase feed at the supermarket or order it online. The company will notify chicken owners at least a week in advance to pick up their purchased feed at the store.

8. Establish feces drying recycling registration centers in major supermarkets throughout the city. Chicken farmers can register at the supermarket to request the collection of dried feces, or make the request online. The company will notify chicken farmers at least one week in advance to deliver the dried feces to the designated location in the parking lot of the mall on time.

9. In major supermarkets throughout the city, insulated containers with ice can be rented to take home dead chickens for the company's technicians to dissect in the laboratory and isolate pathogens to promptly detect epidemics, prepare vaccines, and eliminate the beginnings of highly infectious diseases.

10. Establish chicken-raising technical consulting centers in major supermarkets throughout the city. Chicken farmers can register at the

supermarket to consult on technical issues related to chicken-raising or make the request online. The company will answer all technical questions related to chicken-raising during the weekly video conference online meeting.

11. The company provides training courses for residents who want to raise chickens, covering topics such as basic chicken-raising techniques, disease prevention, and biosafety measures. After completing the training, participants will receive a chicken-raising license and be eligible to apply for a chicken-raising permit. (CDC, 2021)

12. The company also provides technical consultation services for chicken owners, including advice on feeding, health care, and disease prevention. Offering adequate personal protection equip against infectious diseases. Residents can contact the company's technicians through phone or online platforms to ask questions and get guidance. (USDA, 2021)

13. The company can provide services for the disposal of chicken manure, including equipment rental and technical support for manure fermentation. The company can also help chicken owners sell the fermented manure as organic fertilizer. (EPA, 2021)

14. The company can assist chicken owners in obtaining veterinary services,

including vaccination, disease diagnosis, and treatment. The company can also provide information on the latest disease outbreaks and biosafety measures. (AVMA, 2021)

15. The company conducts a regular weekly video conference online meeting, and all residents who own backyard chickens are encouraged to attend at least once a month and provide video footage of their chicken-raising site. Government law enforcement officers may inspect the condition of the chicken coops of the attendees through on-site video footage. If someone misses the meeting for more than a month without prior notice, the company may report it to the government department, and government law enforcement officers may decide to revoke the chicken-raising license and require the return of the chicken-raising permit. If the chicken-raising license is revoked and the permit is collected, the chicken farmer must send their chickens to the mobile slaughterhouse for humane slaughter.

Conclusion:

The establishment of a chicken supplies and techniques service company can provide technical support to chicken-raising residents and improve the management of government supervision departments. The company's services can also help prevent and control the spread of infectious diseases, promote

biosafety measures, and popularize chicken-raising knowledge.

References:

Jiang, Y., Li, M., & Han, H. (2019). Discussion on the legal system of backyard chicken breeding in urban areas. *Journal of Anhui Agricultural Sciences*, 47(31), 128-130.

Wang, J., Yu, S., & Zhang, J. (2021). Research on the Supervision of Chicken Raising in China. *China Rural Survey*, 1, 57-61.

Zheng, Y., Wang, L., & Wei, D. (2020). Analysis of the problems and countermeasures of urban backyard chicken raising in China. *Modern Agricultural Science and Technology*, 14(20), 171-172.

National Agricultural Technology Extension Service Center. (2018). *Technical standard for backyard chicken-raising*. Beijing: China Agricultural Press.

Ministry of Agriculture and Rural Affairs. (2019). *Regulations on the administration of poultry breeding*. Beijing: China Agricultural Press.

Jiangsu Provincial Government. (2020). *Measures for the management of*

backyard chicken-raising in cities and towns.

Retrieved

from

http://www.jiangsu.gov.cn/art/2020/8/20/art_57948_9453021.html

According to the United States Department of Agriculture, tracking the location of backyard poultry can help prevent and control the spread of infectious diseases. (USDA, 2021)

Source: https://www.aphis.usda.gov/aphis/ourfocus/animalhealth/animal-disease-information/avian-influenza-disease/ct_avian_influenza_disease_management!/ut/p/z1/tVJNc4lwFP0tHB8tYdGyTBSzaXzJRKbFls8L2e4ZEKx-_EUNQRjhv3n3Y3vrnzjyQLOX2LIR-w79tzJynpOd42Zlzggd7Cv-VI6U0pV1RLNbArN9_w5fu5HP0H5wExLhggLQSAzrl0oBaYQzJDBA-Fh1ErBpBBsdOjxBVTwZJGkGMu0syiC-dbyAm9eL2vxnlYrYw7ZDLbJGdM_Qa32VD1pl6lmToU6PGpD6HvU6RkUg2WTudnDN5u5l5q5gn5uPQODcyk0XVK1b3_R8A!!/#:~:text=Tracking%20the%20location%20of%20backyard%20poultry%20is%20a%20critical%20component,s%20spread%20of%20infectious%20diseases%20and.

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Source: https://www.fsis.usda.gov/wps/portal/fsis/topics/food-safety-education/get-answers/food-safety-fact-sheets/poultry-preparation/backyard-poultry/CT_Index#1

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Source: https://www.fsis.usda.gov/wps/portal/fsis/topics/food-safety-education/get-answers/food-safety-fact-sheets/poultry-preparation/backyard-poultry/CT_Index#2

United States Department of Agriculture. (2021). Backyard poultry. Retrieved from <https://www.usda.gov/animalwelfare/backyard-poultry>.

Humane Slaughter Association. (2021). Guidelines for the Humane Slaughter of Poultry. <https://www.hsa.org.uk/downloads/poultry-slaughter-guidelines>.

World Organization for Animal Health. (2021). Animal welfare. Retrieved

from <https://www.oie.int/en/what-we-do/animal-welfare/>.

CDC. (2021). Backyard Poultry.

<https://www.cdc.gov/healthypets/pets/farm-animals/backyard-poultry.html>

USDA. (2021). Backyard Poultry.

<https://www.aphis.usda.gov/aphis/pet-travel/by-country/eu/pettravel-eu-poultry>

EPA. (2021). Animal Waste. <https://www.epa.gov/animal-waste>

AVMA. (2021). Poultry.

<https://www.avma.org/resources-tools/animal-health-and-welfare/animal-welfare/poultry>

Proposal of Establishing a Chicken Supplies and Techniques Service Company for Urban Backyard Chicken Owners



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Diseases).

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Introduction:

- This article discusses the importance of obtaining a chicken-raising license and basic knowledge of chicken-raising techniques before applying for a chicken-raising permit. It also emphasizes the necessity of having a backyard and chicken-raising equipment that meets government requirements.

Suggestion for the city government

I

- Residents who wish to raise chickens or their relatives and friends must undergo training to obtain a chicken-raising license before they are eligible to apply for registration and obtain a chicken-raising permit (Zheng et al., 2020). Basic knowledge of chicken-raising techniques is necessary for raising healthy chickens (Jiang et al., 2019).

Suggestion for the city government

II

- To apply for registration and obtain a chicken-raising permit, residents must have a backyard and chicken-raising equipment that meets government requirements (Jiang et al., 2019).
- By promoting the importance of strictly implementing biosafety measures during outbreaks of highly infectious diseases, chicken-raising knowledge can be popularized (Zheng et al., 2020).

Suggestion for the city government

III

- Residents must undergo training to obtain a chicken-raising license before applying for registration and obtain a chicken-raising permit.
- Basic knowledge of chicken-raising techniques is necessary for raising healthy chickens.

Suggestion for the city government

VI

- . Residents must have a backyard and chicken-raising equipment that meets government requirements.**
- . Establishment of a chicken-raising supplies and technology service company that is supervised and participated in by government departments.**

Services Offered by the Company

I

- The article lists ten services that the chicken supplies and techniques service company will offer. These include registering and tracking backyard chickens to prevent and control the spread of infectious diseases,
- selling or renting facilities that meet government requirements, installing

Services Offered by the Company

II

- offering dead chicken dissection services to detect and eliminate the beginnings of highly infectious diseases.
- Offering adequate personal protection equip against infectious diseases.

Services Offered by the Company

III

- **Registering and tracking backyard chickens to prevent and control the spread of infectious diseases.**
- **Selling or renting facilities that meet government requirements.**
- **Establishing registration and pick-up locations for new and old female chickens at major supermarkets throughout the city.**

Services Offered by the Company

IV

- **Installing mobile slaughterhouses for old female chickens.**
- **Renting cages for old female chickens.**
- **Establishing registration and pick-up locations for feed.**

Services Offered by the Company



- **Establishing feces drying recycling registration centers.**
- **Offering dead chicken dissection services to detect and eliminate the beginnings of highly infectious diseases.**
- **Establishing chicken-raising technical consulting centers.**

Services Offered by the Company

VI

- 1. All residents who own backyard chickens need to have a chicken-raising permit and register with the company to receive its services.**
- 2. The company sells or rents facilities that meet government requirements for raising up to four female chickens aged four months or older.**

Services Offered by the Company

VII

- 1. Establish new female chicken registration and pick-up locations at major supermarkets throughout the city.**
- 2. Establish registration and storage locations for the slaughter of old female chickens at major supermarkets throughout the city.**

Conclusion

- . Benefits of the proposed chicken-raising supplies and technology service company.**
- . Promoting the importance of biosafety measures, popularizing chicken-raising knowledge, and supporting chicken farmers in applying what they have learned to raise healthy chickens.**

References

- National Agricultural Technology Extension Service Center. (2018). Technical standard for backyard chicken-raising. Beijing: China Agricultural Press.
- Ministry of Agriculture and Rural Affairs. (2019). Regulations on the administration of poultry breeding. Beijing: China Agricultural Press.
- Humane Slaughter Association. (2021). Guidelines for the Humane Slaughter of Poultry. <https://www.hsa.org.uk/downloads/poultry-slaughter-guidelines>.
- World Organization for Animal Health. (2021). Animal welfare. Retrieved from <https://www.oie.int/en/what-we-do/animal-welfare/>.
- CDC. (2021). Backyard Poultry. <https://www.cdc.gov/healthypets/pets/farm-animals/backyard-poultry.html>
- USDA. (2021). Backyard Poultry. <https://www.aphis.usda.gov/aphis/pet-travel/by-country/eu/pettravel-eu-poultry>
- EPA. (2021). Animal Waste. <https://www.epa.gov/animal-waste>
- AVMA. (2021). Poultry. <https://www.avma.org/resources-tools/animal-health-and-welfare/animal-welfare/poultry>