



## Veterinary drug 10 rules for safe use

1



Read the **user's manual** thoroughly before use.

2



Use only for the **livestock designated** in the user's manual or an **empty livestock** pen.

3



Observe the **usage caps** without fail.

4



Observe the **withdrawal period** exactly to the hour.

5



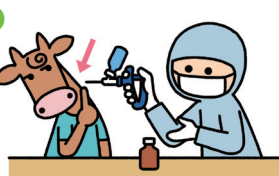
Observe the **method of use** (administration route) without fail.

6



Do not drug and inject medicine of the **same content at the same time**.

7



Select the appropriate **injection part, injection syringe**, etc.

8



In order to observe the **withdrawal period** precisely, clean up the feeder, livestock pen, feed storage room, etc. and **give only feed and water free from drug during** the withdrawal period.

9



**Record** and maintain the **details of use** of veterinary drug thoroughly.

10



For questions, ask the **veterinarian in charge of medical treatment** for assistance.



## Regulations on the sanitation and safety of livestock products and Criteria for penalty on violations

Relevant regulations	Details of violation	Penalty, fine	Remarks
Livestock Products Sanitary Control Act	For violation of the criteria and standard of livestock products	<b>Penalty: criminal charge</b> (up to 3 years' imprisonment or fine of up to 50 million won)	Business establishment, etc.
	For sale of livestock products containing -- or which may contain -- toxic or harmful materials	<b>Penalty: criminal charge</b> (up to 10 years' imprisonment or fine of up to 100 million won)	Business establishment, etc.
The Pharmaceutical Affairs Act	For the production or sale of unlicensed veterinary drug (sanitary aid)	<b>Penalty: criminal charge</b> (up to 5 years' imprisonment or fine of up to 50 million won)	Sales store, etc.
	For violation of the standard for safe use of veterinary drug	<b>Imposition of fine: 1,000,000 won or less</b> (first offense 300,000 won/ second offense 450,000 won/ third offense 700,000 won)	Farming family



## Fowl tick insecticide for layer chickens

Current status of authorization (as of March 12, 2019)

Product name	Manufacturer	Remarks
Wagoo-free (와구프리)	Fuoviders Co., Ltd.	Use for empty livestock pen.
Eso Darin Emulsion (에소다린 유제)	Handong Co., Ltd.	Use for empty livestock pen.
Wagoo-free Blue (와구프리 블루)	Fuoviders Co., Ltd.	Use for empty livestock pen.
CABARIN powder (카바린분제)	Samu Median Co., Ltd.	Use for empty livestock pen.
BARASAL-P (바라살-P)	Korea Thumbvet Co., Ltd.	Use for empty livestock pen.
CYPERKILL-WP (싸이퍼킬-WP)	Sungwon Co., Ltd.	Use for empty livestock pen.
CYPERKILL-Gold (liquid) (싸이퍼킬-골드)	Sungwon Co., Ltd.	Use for empty livestock pen.
Cyper-Killer (싸이퍼 킬러)	Choongang Biotech Co., Ltd.	Use for empty livestock pen.
Cyper-30 (싸이퍼-30)	Korea Thumbvet Co., Ltd.	Use for empty livestock pen.
Cyper-15EC (싸이퍼-15EC)	Korea Thumbvet Co., Ltd.	Use for empty livestock pen.
Wagoo-free Yellow (와구프리 옐로우)	Fuoviders Co., Ltd.	Use for empty livestock pen.
Bulpo-50 (production, import) (불포-50)	Bayer Korea Co., Ltd.	Use for empty livestock pen.
Elector PSP (일렉터 피에스피)	Korea Elanco Veterinary Drug Co., Ltd.	Use for empty livestock pen. (If inevitable, it can be used for a henhouse with layer chickens, but spraying directly on the animal body and feed is prohibited.)
Wagoobang Liquid (Clove Extract) (와구방액제)	KBNP, Inc.	Use for empty livestock pen. (If inevitable, it can be used for a henhouse with layer chickens, but spraying directly on the animal body and feed is prohibited.)
Exzolt Liquid (Fluralaner) (엑졸트 액)	MSD Animal Health Co., Ltd.	Administer drug diluted with water.
Wagoojabi Liquid (와구잡이 액)	Caltec Bio Co., Ltd.	Use for empty livestock pen. (If inevitable, it can be used for a henhouse with layer chickens, but spraying directly on the animal body and feed is prohibited.)

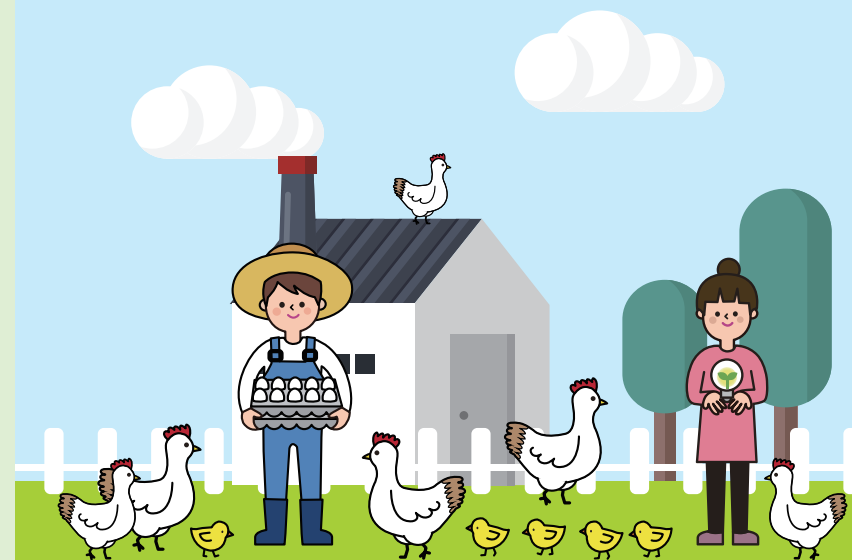
※ Especially, the withdrawal period should be observed strictly on Fluralaner (Exzolt Liquid) products.

“Created by livestock farms by themselves”

## Healthy animal husbandry Safe livestock products

Do not use illegal insecticides; use licensed pest control drugs by following the method of use.

- ⚠ Use pest control drugs that are licensed for use on animals.
- ⚠ Let's use fowl tick insecticide according to the method of use indicated on the product. (User's manual)



Ministry of Agriculture,  
Food and Rural Affairs



Livestock Health Control  
Association



# Fowl tick

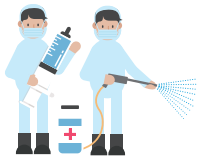
## How to prevent and control



### How to conduct biosecurity



- 1 Prevent outside fowl tick from coming into the farm.
  - People (outsiders, vaccine team, service team, etc.), spring chickens, wild animals (rat, dove, etc.)
  - Prevent outside people from coming into the farm. The vaccine team shall shower and change clothes and shoes before entering the farm.

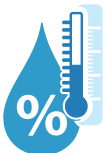


- 2 Reduce the density of fowl tick inside the farm to a minimum.
  - Sprinkle drug within 2~3 days of shipping and clean with water after removing dust.
    - When cleaning with water, be sure to use pressure washer to get rid of dust and eggs and larvae of fowl tick.
  - After disinfecting by cleaning, be sure to administer adequate disease control drug before putting chickens.
    - Disinfection shall be done in all areas including the ceiling and walls. Disease control drug may be administered only in the henhouse if the density of infection is not very high in all chicken groups.
    - For use of drug: examination of resistance to fowl tick
      - ▶ Select effective drug ▶ Use acaricide to kill eggs and larvae ▶ Inspection by an expert after disinfection

\* Refer to the homepage of the Korea Poultry Association for the effective drugs and directions on the use of the drugs.



### How to manage the henhouse



- 1 Regular monitoring of all henhouses at least once a month
- 2 Cleaning and humidity control
  - Keep the floor clean using scraper and non-motorized cleaner to prevent dust from collecting on the passage and inside the henhouse.
  - Maintaining the humidity of the henhouse at below 70% is recommended.



# Use of drugs

## At livestock farms



### Veterinary drug



- 1 Drug used for the prevention of animal diseases and effective treatment
- 2 Products used for the purpose of improving productivity by raising healthy livestock and facilitating growth



### Veterinary drug to be prescribed



- 1 Veterinary drug that cannot be sold without the prescription of a veterinarian
- 2 Being sold as a drug that may be abused, a drug that needs the professional knowledge of a veterinarian for use, or a drug that may cause trouble due to dosage and require medical action according to Section 6, Article 85 of the Pharmaceutical Affairs Act



### Sanitary aid for animals



- 1 An agent that does not act directly on animals or which has a very light effect on animals and which is used for disease prevention, animal hygiene, beauty, etc.
- 2 Disinfectant for the prevention of animal disease, germicide, disinfectant, inhibitor, repellent, attracticide, etc. (An agent absorbed into the animal body is regarded as a veterinary drug.)

It is necessary to use only licensed veterinary drug and sanitary aid for animals (such as insecticide). Even licensed products shall be used properly according to the 10 rules for safe use and method of use (user's manual) written on the product.

\* A farm certified as an environment-friendly farm shall use the product after checking whether the product can be used in an environment-friendly farm.



# Veterinary drug

## Critical points

### Observance of withdrawal period

#### 1 What is withdrawal period?

The period necessary for the drug remaining in the meat, egg, milk, etc. to be discharged under the allowed level after administration of the drug

#### 2 Matters to be observed

Be sure to observe the withdrawal period stated in the user's manual as the withdrawal period differs by kind of drug, administered animal, route of administration (injection, dilution with water, addition to feed, etc.), quantity of administered drug, etc.

(Ex.) If the withdrawal period written in the user's manual is 5 days, and the last administration time was 9 AM on Friday, 9 AM the next day, Saturday, becomes Day 1 of the withdrawal period and 9 AM next Wednesday will be Day 5 of the withdrawal period. Therefore, in this case, shipping should be done after 9 PM next Wednesday.

### Prohibition on misuse or abuse of antibiotic

#### 1 Problems caused by misuse or abuse of antibiotic

- The effect of disease treatment is reduced if antibiotic is used for a long time due to resistance to drug.
- Bacteria resistant to antibiotic can cause resistance in humans via transmission through livestock food or in the environment of the livestock pen.
- Livestock food with residual antibiotic will cause distrust among consumers and reduce their will to consume livestock products, resulting in economic damages to livestock farms.

#### 2 If antibiotic is used for a milking cow or a chicken laying eggs, antibiotic component can be found in milk or eggs. Thus, be careful when using antibiotic.

#### 3 5 rules for the prevention of resistance to antibiotic

- Be sure to consult with a veterinarian on the exact diagnosis and use of antibiotic.
- Do not use antibiotic for purposes of disease prevention.
- Use antibiotic appropriate for each animal species and disease.
- Follow the instruction on the use of antibiotic and record the details of use.
- Give feed free from antibiotic for a certain period before shipping.

#### 4 What if a farm ships livestock and products violating the provision on residual antibiotic?

- A farm that ships livestock or products, such as eggs whose residual antibiotic exceeds the allowed level, shall be slapped with up to 1,000,000 won of fine and will be subject to stricter regulation and inspection for 6 months.
- Livestock products that exceed the allowed level of residual antibiotic shall be destroyed, causing economic damages.