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# GAIN Report

Global Agricultural Information Network

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Voluntary  Public

**Date:** 5/5/2011

**GAIN Report Number:** CH11023

## China - Peoples Republic of

**Post:** Beijing

### China Re-issues Banned Drugs and Substances in Feed and Animal Production

**Report Categories:**

FAIRS Subject Report

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**Report Highlights:**

On April 22, the Ministry of Agriculture published a total of 82 drugs and substances that are banned in feed, animal drinking water, and animal production. These banned drugs and substances were previously released in the Ministry announcements No.176, No.193 and No.1519. The report contains an unofficial translation of these announcements.

**General Information:**

BEGIN TRANSLATION

**Announcement of the Ministry of Agriculture**

**No. 176**

February 9, 2002

According to the *Regulations on Administration of Feed and Feed Additives*, the *Regulations on Administration of Veterinary Drugs* and the *Drug Administration Law*, *List of Medicines Forbidden in the Feed and Drinking Water of Animals* is hereby announced to strengthen the management of feeds, veterinary drugs and human drugs, to prevent the use of unpermitted or the overuse of veterinary drugs and feed additives in the production, sale and use of feeds as well as in the drinking water of animals, to stop the overuse of illicit drugs. It is hereby announced that:

1. All the nutritional feed additives and general feed additives in production, sale and use must be on the *List of Permitted Feed Additives* (Announcement by the Ministry of Agriculture No.105), or be included in the feed additives newly approved and announced. Enterprises producing feed additives must apply for and acquire the manufacturing license and the approval number. Feed additives newly approved must apply for and acquire a new certificate. Enterprises must abide by Article 16, 17 and 18 of the *Regulations on Administration of Feed and Feed Additives*, not allowed to sell and use feed additives that have not been approved for production.
2. The production of feeds containing medical feed additives must strictly abide by the regulations in the *Standard Usage of Medical Feed Additives* (Announcement by the Ministry of Agriculture No.168, hereinafter referred to as *Standard Usage*). It is not allowed to add medical feed additives that are in the Appendix II of *Standard Usage*. The production of feed containing medical feed additives in the Appendix I of *Standard Usage* must implement the standard of Feed Tag.
3. Any use of medical feed additives in breeding must abide by the *Standard Usage*, not allowed to use unpermitted feed additives or overuse feed additives. The use of medical feed additives must abide by the regulations of drug holiday, incompatibility, etc.
4. The production and sale of human medical must abide by the *Drug Administration Law* and related laws. Human drugs not examined and approved must not be directly used in the production and breeding process.
5. For pharmaceutical enterprises and individuals who produce and sell medicines on the *List of Medicines Forbidden to Use in Feed and Drinking Water of Animals*, those who violate Article 48 of the *Drug Administration Law* and sell to feed enterprises and breeding enterprises (or individuals), shall be punished according to Article 74 of the *Drug Administration Law* by the drug supervisory and management department. For pharmaceutical enterprises and individuals who produce and sell veterinary drugs on the *List of Medicines Forbidden to Use in Feeds and Drinking Water of Animals*, those who sell to feed enterprises shall be punished according to Article 42 of the *Regulations on Administration of Veterinary Drugs*. Manufacturing enterprises or individuals that produce, sell and use the feed and feed additives on

the *List of Medicines Forbidden to Use in Feeds and Drinking Water of Animals*, violating Article 17, 18 and 19, shall be punished according to Article 25, 28 and 29 of the *Regulations on Administration of Feed and Feed Additives* by feed management department. Other enterprise units or individuals who produce, sell and use items on the *List of Medicines Forbidden to Use in Feed and Drinking Water of Animals* and use the items in the production of feed and in the breeding process, shall be punished according to laws and regulations of the department who uncovers the illegal act, in accordance with the who-uncover-it-who-punish-it principle; those who constitute a crime must be transferred to the judicial authority in accordance with the law of criminal responsibility.

6. Supervisory and management departments of feed, veterinary drugs, food and medicines at all levels must cooperate closely and coordinate with each other, strengthening the crackdown of illegal acts of adding forbidden drugs to feed in production, sale and use as well as drinking water of animals. The safety standard and feed and testing methods as well as the standard of residual poisonous materials of animal products must be accelerated in the making and improving process, thus providing technological grounds for administration and enforcement of the law.

7. Supervisory and management departments of feed, veterinary drugs, food and medicines at all levels must further promote media coverage and popular science education. The emphasis must be put on the punishment for the illegal use of forbidden drugs in feed and breeding process, making full use of different kinds of media to promote the knowledge of laws and regulations of feeds, veterinary drugs and human drugs. Major and serious criminal cases must be tracked. Knowledge of feed, breeding and safe use of veterinary drugs must be spread. The awareness of management of veterinary drug usage must be enhanced for all groups in society, creating a good external environment for the reduction of drug residual hazard and the insurance of animal food safety.

## **Appendix:**

### **List of Medicines Forbidden for Use in Feed and Drinking Water of Animals**

#### **I . Adrenergic agonists**

- 1 . Clenbuterol Hydrochloride: Pharmacopoeia of People's Republic of China (hereinafter referred to as CHP), 2000, Second Book, P605. Beta adrenergic agonists
- 2 . Salbutamol: CHP, 2000, Second Book, P316. Beta adrenergic agonists
- 3 . SalbutamolSulfate: CHP, 2000, Second Book, P870. Beta adrenergic agonists
- 4 . Ractopamine: A kind of beta-agonist, which has been approved by FDA but has not been approved by China.
- 5 . Dopamine Hydrochloride: CHP, 2000, Second Book, P591. Dopamine agonist
- 6 . Cimaterol: Proctuct developed by American cyanamid company, a kind of  $\beta$  stimulant, which has not been approved by FDA.
- 7 . Terbutaline Sulfate:CHP, 2000, Second Book, P890. Beta adrenergic agonists

#### **II . Sex hormone**

- 8 . Diethylstilbestrol: CHP, 2000, Second Book, P42. Estrogen.
- 9 . Estradiol: CHP, 2000, Second Book, P1005. Estrogen.
- 10 . EstradiolValerate: CHP, 2000, Second Book, P124. Estrogen.
- 11 . EstradiolBenzoate: CHP, 2000, Second Book, P369. Estrogen. Chinese Veterinary Pharmacopoeia (hereinafter referred to as CVP), 2000, First Book P109, Estrogen. To artificially induce the release of female sex hormones and ovulation of animals that do not have obvious oestrus. To facilitate the exclusion of retained afterbirth and stillbirth.
- 12 . Chlorotrianisene: CHP, 2000, Second Book, P919.
- 13 . Ethinylestradiol : CHP, 2000, Second Book, P422.
- 14 . Quinestrol: CHP, 2000, Second Book, P424.
- 15 . Chlormadinone acetate: CHP, 2000, Second Book, P1037.
- 16 . Levonorgestrel: CHP, 2000, Second Book, P107.
- 17 . Norethisterone: CHP, 2000, Second Book, P420.
- 18 . Chorionic Gonadotrophin: CHP, 2000, Second Book, P534. gonadotrophin drug. CVP, 2000, First Book, P146. amcinonide. For sexual dysfunction, habitual abortion, oophoritic cyst, etc.
- 19 . Menotropins: CHP, 2000, Second Book, P321. Gonadotrophin drug.

### **III. Protein anabolic hormone**

- 20 . Iodinated Casein: protein anabolic hormone, precursor substance of tetraiodothyronine, have similar physiological actions to tetraiodothyronine.
- 21 . Nandrolone phenylpropionate: CHP, 2000, Second Book, P365.

### **IV. Psychotropic drug**

- 22 . Chlorpromazine Hydrochloride: CHP, 2000, Second Book, P676. antipsychotic drug. CVP, 2000, First Book, P177. Sedative. For potentiated anesthesia and make animals calm.
- 23 . Promethazine Hydrochloride: CHP, 2000, Second Book, P602. Antihistamine drug. CVP, 2000, First Book, P164. Antihistamine drug. For allergic diseases such as urticaria and serum sickness.
- 24 . Diazepam: CHP, 2000, Second Book, P214. antianxiotic, anticonvulsive drug. CVP, 2000, First Book, P61. Sedative, anticonvulsive drug.
- 25 . Phenobarbital: CHP, 2000, Second Book, P362. sedatives and hypnotics, anticonvulsive drug. CVP, 2000, First Book, P103. barbiturates. For the convulsions caused by cerebritis, tetanus and strychninism.
- 26 . Phenobarbital Sodium: CVP, 2000, First Book, P105. barbiturates. For the convulsions caused by cerebritis, tetanus and strychninism.
- 27 . Barbitol: CVP, 2000, First Book, P27. For central inhibition and to relieve fever and ease pain.
- 28 . Amobarbital: CHP, 2000, Second Book, P252. hypnotic, anticonvulsive drug.
- 29 . Amobarbital Sodium: CVP, 2000, First Book, P82. barbiturates. For the tranquilization, anticonvulsion and anaesthetization of small animals.

30 . Reserpine: CHP, 2000, Second Book, P304. antihypertensive.

39 . Other psychotropic drugs restrict by the State.

#### V . Different kinds of antibiotic residues

40. Antibiotic residues: those are the three industrial wastes in the production of antibiotic products.

Because they contain antibiotic ingredients in micro scale, they have some growth promotion effects after being used in feed and breeding. But they have a strong negative influence on the breeding industry. There are two reasons: First, they will induce drug tolerance. Second, they pose some potential safety concerns since they have not been tested for safety.

### Announcement No.193 of the Ministry of Agriculture

April 2002

In order to guarantee the safety of animal-derived food and safeguard the health of the people, in accordance with the Regulations on Administration of Veterinary Drugs, the Ministry has formulated the List of Veterinary Drugs and Their Compounds Banned for Use for Food Animals (hereinafter referred to as the "Banned List") and it is hereby promulgated as follows:

1. Stop the production of the pharmaceutical products and their single or compound preparations of the species from serial No. 1 to 18 as set forth in Banned List; abolish the quality standards, cancel the product approval numbers of the species collected in national standards for veterinary drugs, the professional standards of the Ministry of Agriculture and local standards for veterinary drugs; abolish the quality standards for imported veterinary drugs, cancel the Registration Permit for Import of Veterinary Pharmaceuticals of the veterinary drugs that have been registered in China.
2. Stop the operation and usage of the pharmaceutical products and their single or compound preparations of the species from serial No. 1 to 18 as set forth in Banned List as of May 15, 2002.
3. No pharmaceutical products and their single or compound preparations of the species from serial No. 19 to 21 as set forth in Banned List can be used during food animal feeding for the purpose of anti-stress, increase the price of feed and growth promotion.

#### List of Veterinary Drugs and Their Compounds Banned for Use for Food Animals

Serial No.	Name of veterinary drugs and their compounds	Banned purpose	Banned Animal
1	- stimulants : Clenbuterol, Salbutamol, Cimiterol and their salts, esters and preparations	All purpose	All food animals

2	Sex hormones : Diethylstilbestrol and its salts, esters and preparations	All purpose	All food animals
3	Substances with the effect of estrogen : Zeranol,Trenbolone,Mengestrol , Acetate and preparations	All purpose	All food animals
4	Chloramphenicol and its salts, esters ( inc Chloramphenicol Succinate ) and preparations	All purpose	All food animals
5	Dapsone and preparations	All purpose	All food animals
6	Nitrofurans : Furazolidone, Furaltadone, Nifurstyrenate sodium and preparations	All purpose	All food animals
7	Nitro compounds : Sodium nitrophenolate,Nitrovin and preparations	All purpose	All food animals
8	Hypnosis and sedatives : Methaqualone and preparations	All purpose	All food animals
9	Lindane (gamma-BHC)	Pesticide	Aquatic food animals
10	Camahechlor (PcE)	Pesticide, pond poisoning	Aquatic food animals
11	Furadan(Carbofuran)	Pesticide	Aquatic food animals
12	Acaron (Chlordimeform)	Pesticide	Aquatic food animals
13	Amitraz	Pesticide	Aquatic food animals
14	Antimonypotassiumtartrate	Pesticide	Aquatic food animals
15	Tryparsamide	Pesticide	Aquatic food animals
16	Malachitegreen	Antibiosis	Aquatic food

		,Pesticide	animals
17	Pentachlorophenolsodium	Molluscicide	Aquatic food animals
18	All mercuric preparations Including : mercurous chloride (Calomel), Mercurous nitrate, Mercurous acetate,Pyridyl mercurous acetate	Pesticide	Animals
19	Sex hormones : Methyltestosterone,Testosterone Propionate, Nandrolone Phenylpropionate,Estradiol Benzoate and their salts, esters and preparations	Growing promoter	All food animals
20	Hypnosis and sedatives : Chlorpromazine, Diazepam and their salts, esters and preparations	Growing promoter	All food animals
21	Nitromidazoles : Metronidazole,Dimetronidazole and their salts, esters and preparations	Growing promoter	All food animals
19	Sex hormones : Methyltestosterone,Testosterone Propionate,Nandrolone Phenylpropionate,Estradiol Benzoate and their salts, esters and preparations	Growing promoter	All food animals
20	Hypnosis and sedatives : Chlorpromazine, Diazepam and their salts, esters and preparations	Growing promoter	All food animals
21	Nitromidazoles : Metronidazole,Dimetronidazole and their salts, esters and preparations	Growing promoter	All food animals

Note : Food animals refer to various animals fit for human consumption or the products made from these animals which are fit for human consumption.

## Announcement of the Ministry of Agriculture

**No. 1519**

December 27, 2010

For the purpose of strengthening quality supervision in feeds and breeding, ensuring the quality and safety of feeds and livestock products, it is hereby announced that it has been decided to stop the use of Phenylethanolamine A in feed and drinking water of animals in accordance with related articles of the

Regulations on Administration of Feed and Feed Additives (find in the attachment). Animal husbandry feed management departments at all levels shall strengthen daily supervision and testing, seriously punishing the illegal acts of adding Phenylethanolamine A in the production, operation and use of feeds, as well as in the drinking water of animals.

## **Appendix**

### **Materials Forbidden in the Feed and the Drinking Water of Animals**

1. Phenylethanolamine A: Beta-adrenergic agonists
2. Bambuterol: Beta-adrenergic agonists.
3. Zilpaterol Hydrochloride: Beta-adrenergic agonists.
4. Clorprenaline Hydrochloride: CHP, 2010, Second Book, P783. Beta-adrenergic agonists
5. Mabuterol: Beta-adrenergic agonists.
6. Cimbuterol: Beta-adrenergic agonists.
7. Brombuterol: Beta-adrenergic agonists.
8. Arformoterol Tartrate: Pegylated beta-adrenergic agonists.
10. Clonidine Hydrochloride: CHP, 2010, Second Book, P645. Antihypertensive drug.
11. Cyproheptadine Hydrochloride: CHP, 2010, Second Book, P803. Antihistamine drug.

END TRANSLATION