EXHIBIT 46

FOOD SAFETY AND INSPECTION SERVICE

2006 FSIS NATIONAL RESIDUE PROGRAM DATA

United States Department of Agriculture
Food Safety and Inspection Service
Office of Public Health Science

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PREFACE

The "2006 Food Safety and Inspection Service (FSIS) National Residue Program Data" publication (the "Red Book") explains FSIS' chemical residue sampling plans and presents National Residue Program (NRP) testing results by calendar year. [For those reading this electronically, this document has been commonly known as the "Red Book" because the covers of the printed versions are red.] In addition, the following appendices are included for the convenience of the reader: Appendix I, *Analytical Methods;* Appendix II, *Statistical Table;* and Appendix III, *Summary of Scheduled Sampling Data from 2003 to 2005.*

CONTACTS AND COMMENTS

The Residue Branch (RB), Zoonotic Diseases and Residue Surveillance Division (ZDRSD), Office of Public Health Science, FSIS, USDA, coordinated this effort and is responsible for the publication of this material. Questions about FSIS NRP should be directed to the USDA, FSIS, ZDRSD; 343 Aerospace Center; 1400 Independence Avenue, SW; Washington, DC 20250-3700, telephone (202) 690-2683, or fax (202) 690-6565.

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INTRODUCTION

The Food Safety and Inspection Service (FSIS), the U.S. Department of Agriculture's public health regulatory agency, works with the Environmental Protection Agency (EPA) and the Department of Health and Human Services' Food and Drug Administration (FDA), to control veterinary drug, pesticide, and environmental contaminant residues in meat, poultry, and egg products. Residue control is a cooperative effort. EPA* and FDA** have statutory authority for establishing residue tolerances or action levels, and FSIS, through the National Residue Program (NRP) tests animal tissues and egg products to verify that tolerances or action levels are not violated.

FDA, under the Federal Food, Drug, and Cosmetic Act, establishes tolerances or action levels for veterinary drugs, food additives, and unavoidable environmental contaminants. EPA, through the Federal Insecticide, Fungicide and Rodenticide Act (as modified by the Food Quality Protection Act), sets tolerance levels for registered pesticides. For cancelled pesticides, action levels (similar to tolerances, but less formal) are established by FDA based on recommendations that EPA published in the Federal Register. FDA and EPA also have the authority to ensure compliance with established tolerances or action levels.

FSIS collects samples of meat, poultry, and egg products at inspected establishments and analyzes the samples at FSIS laboratories for chemical residue of veterinary drugs, pesticides, and environmental contaminants. Laboratory findings that exceed established tolerances and action levels are shared with FDA and EPA. This authority is provided under the Federal Meat Inspection Act, the Poultry Products Inspection Act, and the Egg Products Inspection Act. FSIS regulations are published in Title 9 of the Code of Federal Regulations (9 CFR), chapter III.

Since 1967, FSIS has administered the NRP to collect data on chemical residues in domestic and imported meat, poultry, and egg products. The NRP is designed to provide: (1) a structured process for identifying and evaluating compounds of concern by production class; (2) the capability to analyze for compounds of concern; (3) appropriate regulatory follow-up of reports of violative tissue residues; and (4) collection, statistical analysis, and reporting of the results of these activities.

With the implementation of the Hazard Analysis and Critical Control Points (HACCP) inspection system, another important component of the NRP is to provide verification of residue control in HACCP systems. As part of the HACCP regulation, slaughter and production establishments are required to identify all chemical residue hazards that are reasonably likely to occur, and develop systems to guard against them. A vigilant chemical residue prevention program is essential to foster the prudent use of veterinary drugs and pesticides in food animals. In 1999, the NRP was modified to make residue evaluation more consistent with risk assessment principles.

* Tolerance levels established by EPA are published in Title 40 CFR.
** Tolerance levels established by FDA are published in Title 21 CFR.

The NRP includes a variety of sampling plans to identify violative levels of chemical residues and to reduce the consumers' exposure to chemical contaminants. The range of chemical compounds evaluated for inclusion in the various NRP sampling plans is comprehensive. It includes approved (legal) and unapproved (illegal) veterinary drugs, pesticides that may appear in meat, poultry, and egg products, and other xenobiotic and naturally occurring compounds that may pose a potential human health hazard.

A violation in a production class (food animal or egg product) occurs when a chemical residue is detected and the residue is in excess of an established tolerance or action level. The collection of samples is either scheduled from Headquarters (scheduled sampling) or initiated by the inspector-in-charge (inspector generated sampling). In scheduled sampling, samples are collected from healthy appearing animals and the findings provide exposure assessment data. The majority of the NRP sampling is conducted under inspector generated sampling. These samples are collected in establishments from suspect animals; their carcasses are retained and condemned if a violative level of chemical residue is found. FSIS notifies FDA of the violation and assists in obtaining the names of producers and, in the case of food animal products, other parties involved in offering the animals for sale.

FDA and cooperating state agencies will follow-up on known violators with educational visits. If a problem is not corrected, subsequent FDA visits could result in enforcement action, including prosecution. FSIS posts a Repeat Violator List on its agency's web site, listing the names and addresses of parties FDA has determined are responsible for more than one veterinary drug, pesticide, or other chemical residue violation in a 12-month period. The list provides helpful information to processors and producers working to avoid illegal levels of residues, serves as a deterrent for violators, and enables FSIS to make better use of resources.

Data gathered in the NRP is used to verify the safety of meat, poultry, and egg products in the United States. The program helps FSIS, FDA, and EPA enforce Federal laws and regulations, and assists in the design of programs to enhance the nation's residue control programs.

SAMPLING PLANS OF THE NATIONAL RESIDUE PROGRAM

The National Residue Program (NRP) consists of two primary sampling plans: domestic and import. These plans are further divided to facilitate the management of chemical residues such as veterinary drugs, pesticides, and environmental contaminants in food animals and egg products. The domestic sampling plan includes scheduled sampling and inspector generated sampling. The import reinspection sampling plan is separated into normal sampling, increased sampling, and intensified sampling.

DOMESTIC SAMPLING PLAN

Scheduled Sampling

Scheduled sampling plans consist of the random sampling of tissue from healthy appearing food animals. Scheduled sampling plans are generated from FSIS Headquarters using the FSIS Form 10,210-3. The development of scheduled sampling plans is a process that proceeds in the following manner: 1) determine which compounds are of food safety concern; 2) use algorithms to rank the selected compounds; 3) pair these compounds with appropriate production classes; and 4) establish sample sizes. The Surveillance Advisory Team (SAT) at their annual meeting determines the compound/production class pairs. The FSIS Residue Branch staff determines the sample sizes by employing statistical analysis techniques to calculate sample numbers. In the 2006 NRP, FSIS started using sample sizes of either 230 or 300 animals for each compound/production class pair. Statistically, applying sampling rates of 230 and 300 per production class population assures a 90 percent and 95 percent probability, respectively, to detect residue violations if the violation rate in the population is equal to or greater than one percent. Residue Branch has adopted a sample size of 300 as a public health standard. This sample size and resulting violation data are used to verify two different types of process control. The first is to verify that industry's process controls meet this public health standard for the compound/production class pairs being tested. The second is to verify that the establishments' HACCP plans are in control. Finally, reviews and final adjustments to these sampling plans are made by FSIS Senior Management, FSIS laboratories staff, FDA, and EPA. The following types of assessments are currently being scheduled:

Exposure Assessments

Exposure Assessments are used:

- By FSIS, FDA, and EPA to determine the prevalence of residues in the Nation's meat, poultry, and egg products;
- By FSIS to condemn carcasses with violative levels of residue;
- By FDA to regulate producers when a sample contains violative levels of residues;
- By industry to retain product until the sample has been tested; and
- By industry to recall product that was not retained while the sample was tested, and found to contain violative levels of residue.

Exploratory Assessments

Exploratory Assessments are designed by Residue Branch:

- To reinvestigate animal populations from ongoing or previous exposure assessments if the violation rate is confirmed at 1 percent or greater;
- To investigate animal populations when the compounds in question have no established tolerances; and
- To respond to intelligence reports from the field.

All products are FSIS retained and subject to condemnation.

Inspector Generated Sampling

Inspector generated sampling is conducted by in-plant Public Health Veterinarians (PHVs) using FSIS Form 10,000-2. This occurs when the in-plant PHV suspects that an animal may have violative level of chemical residues. Currently, inspector generated sampling targets *individual suspect animals* and *suspect populations of animals*. When an inspector generated sample is collected, the carcass is held pending the results of laboratory testing and if a carcass is found to contain violative levels of residues the carcass is condemned.

Sampling for individual suspect animals

The in-plant inspector selects a carcass for sampling based on professional judgment and public health criteria developed by FSIS. These criteria include but are not limited to the following: animal disease signs and symptoms; producer history; or results from random scheduled sampling. Some samples are screened in the plant by the Inspector In Charge (IIC) and verified when necessary by a PHV. Other samples are sent directly to the laboratory for analysis. For example, if the IIC suspects the misuse of either an antibiotic or sulfonamide drug in an animal, then he or she can perform one of the following in-plant screening tests: Fast Antimicrobial Screening Test (FAST) or Swab Test On Premises (STOP). If the result of a screening test is positive, then the sample is sent to an FSIS laboratory

for confirmation. If the IIC does not have FAST or STOP capability, the sample can be sent directly to the FSIS laboratory for testing.

Sampling for suspect animal populations

Sampling for suspect animal populations is generally directed by an FSIS regulation, directive (e.g., FSIS Directive 10,800.1), or notice (e.g., show animals and bob veal).

IMPORT REINSPECTION SAMPLING PLAN

Imported meat, poultry, and egg products are sampled at U.S. ports of entry to detect chemical residues. Port-of-Entry Reinspection is a monitoring program conducted to verify the equivalence of inspection systems in exporting countries. The chemical residue sampling program is one of several Types Of Inspection (TOI) conducted during FSIS reinspection of imported products. All imported products are subject to reinspection and one or more TOIs are conducted on every lot of product before it enters the United States. The following are the three levels of chemical residue reinspection:

- Normal sampling, which is defined as random sampling from a lot;
- Increased sampling, which is defined as above the normal sampling as the result of an Agency management decision; and
- Intensified sampling, which is defined as occurring when a previous sample for a TOI failed to meet U.S. requirements.

For both normal and increased sampling, the lot is not required to be retained pending laboratory results; however, the importer may choose to retain the lot pending the laboratory results. The lot is subject to recall if it is not retained and is found to contain violative levels of residue. For intensified sampling, the lot must be retained pending laboratory results. The data obtained from laboratory analysis are entered into the Automated Import Information System (AIIS), an FSIS database that is designed to generate reinspection assignments, receive and store results, and compile histories for the performance of foreign establishments certified by the inspection system in the exporting country.

ESTIMATED LIVESTOCK, POULTRY, AND EGG PRODUCT CONSUMPTION DATA

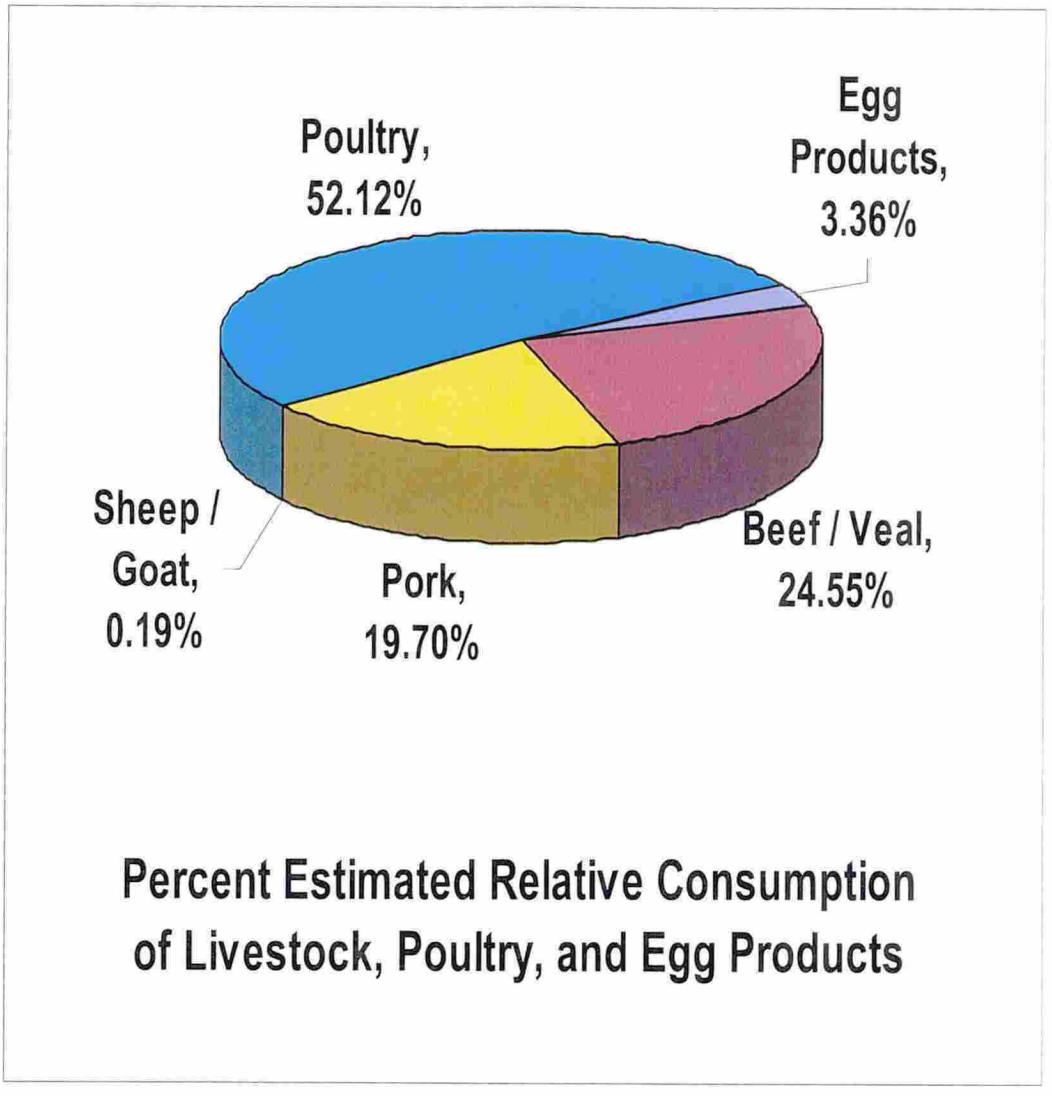
Table 1 and Chart 1 present, *2006 Consumption Data*, including the number of head slaughtered or pounds of eggs processed, pounds per animal (dressed weight), total pounds (dressed weight), and the percent estimated relative consumption of domestic and exported product for each production class.

Table 1
2006 Consumption Data

Production Class	Number of Head Slaughtered [A]	Pounds per Animal (dressed weight) [B]	Total Pounds (dressed weight)	Percent Estimated Relative Consumption
Bulls	528,266	914	482,835,124	0.455
Beef cows	2,989,010	622	1,859,164,220	1.753
Dairy cows	2,366,281	622	1,471,826,782	1.388
Heifers	9,813,470	767	7,526,931,490	7.099
Steers	17,462,162	833	14,545,980,946	13.719
Bob veal	206,266	75	15,469,950	0.015
Formula-fed veal	465,270	245	113,991,150	0.108
Non-formula-fed veal	8,716	350	3,050,600	0.003
Heavy calves	27,943	400	11,177,200	0.011
SUBTOTAL, CATTLE	**33,867,384**		**26,030,427,462**	**24.550**
Market hogs	99,346,502	198	19,670,607,396	18.552
Roaster pigs	789,959	70	55,297,130	0.052
Boars/Stags	399,629	227	90,715,783	0.086
Sows	3,460,066	309	1,069,160,394	1.008
SUBTOTAL, SWINE	**103,996,156**		**20,885,780,703**	**19.698**
Sheep	115,243	67	7,721,281	0.007
Lambs	2,419,751	70	169,382,570	0.160
Goats	569,319	50	28,465,950	0.027
SUBTOTAL, OVINE	**3,104,313**		**205,569,801**	**0.194**
Horses	104,433	500	52,216,500	0.049
Bison	42,506	610	25,928,660	0.024
TOTAL, ALL LIVESTOCK	**141,114,792**		**47,199,923,126**	**44.516**
Young chickens	8,901,364,574	Not reported	47,177,232,242	44.495
Mature chickens	131,490,164	Not reported	736,344,918	0.694
Young turkeys	252,383,910	Not reported	7,066,749,480	6.665
Mature turkeys	3,412,675	Not reported	85,316,875	0.080
Ducks	28,026,675	Not reported	190,581,390	0.180
Geese	153,837	Not reported	1,999,881	0.002
Other fowl (includes squab)	1,338,642	Not reported	2,543,420	0.002
SUBTOTAL, POULTRY	**9,318,170,477**		**55,260,768,206**	**52.119**
Rabbits	310,093	Not reported	1,581,474	0.001
Egg products	Not applicable	Not applicable	3,566,786,000	3.364
GRAND TOTAL in POUNDS, ALL PRODUCTION CLASSES			**106,029,058,806**	**100**

(A) Number of heads is obtained from the Animal Disposition Reporting System (ADRS). (B) Average dressed weights are obtained from the publication: "Livestock Slaughter," National Agricultural Statistics Service (NASS), March 2006. In instances when the average weight is not available, an average weight based on previous calendar year's data was imputed. (C) For Fiscal Year 2006

Chart 1
2006 Consumption Data*



*FSIS employs techniques and principles from the field of risk assessment to determine the relative public health concerns represented by the results from the scheduled sampling plan-exposure assessments. The information on the residue levels detected in the scheduled sampling plan is combined with consumption data to estimate exposure.

Exposure = Consumption Data x Residue Levels

DEFINITIONS OF FSIS PRODUCTION CLASSES

- Beef cows are mature female cattle bred for muscle development, ordinarily having given birth to one or more calves.
- Boars are mature swine showing male sexual characteristics.
- Bulls are mature, uncastrated male cattle.
- Calves/veal definitions are under FSIS review.
- Dairy cows are mature female cattle bred for milk production, ordinarily having given birth to one or more calves.
- Ducks are birds of both sexes and any age.
- Egg products are yolks, whites, or whole eggs after breaking and are processed as dried, frozen, or liquid.
- Geese are birds of both sexes and any age.
- Goats are animals of both sexes and any age.
- Heifers are young, female cattle that have not yet given birth to a calf.
- Horses[1] are animals of both sexes and any age.
- Lambs are generally defined as sheep younger than 14 months and having a break joint in at least one leg.
- Market hogs are swine usually marketed near six months of age and 200 to 300 pounds live weight.
- Mature chickens are adult female birds, usually more than 10 months of age.
- Mature turkeys are birds of both sexes and usually more than 15 months of age.
- Other livestock include bison, deer, elk, etc.
- Other poultry include ratites (typically ostriches, emus and rheas), guineas, squabs (young, unfledged pigeons), adult pigeons, pheasants, grouse, partridge, quail, etc.
- Rabbits are any of several lagomorph mammals of both sexes and any age.
- Roaster pigs are animals of both sexes and any age that are marketed with the carcass unsplited and with the head on.
- Sheep are mature animals of both sexes.
- Sows are mature female swine ordinarily having given birth to one or more litters.
- Stags are male swine castrated after they have reached sexual maturity.
- Steers are male cattle castrated before sexual maturity.
- Young chickens include: broilers/fryers birds of both sexes that are usually less than 10 weeks of age; roasters, birds of both sexes usually less than 12 weeks of age; and capons, surgically castrated male birds usually less than 8 months of age.
- Young turkeys include fryer/roaster birds that are of both sexes and usually less than 12 weeks of age, and include turkeys that are birds of both sexes usually less than 6 months of age.

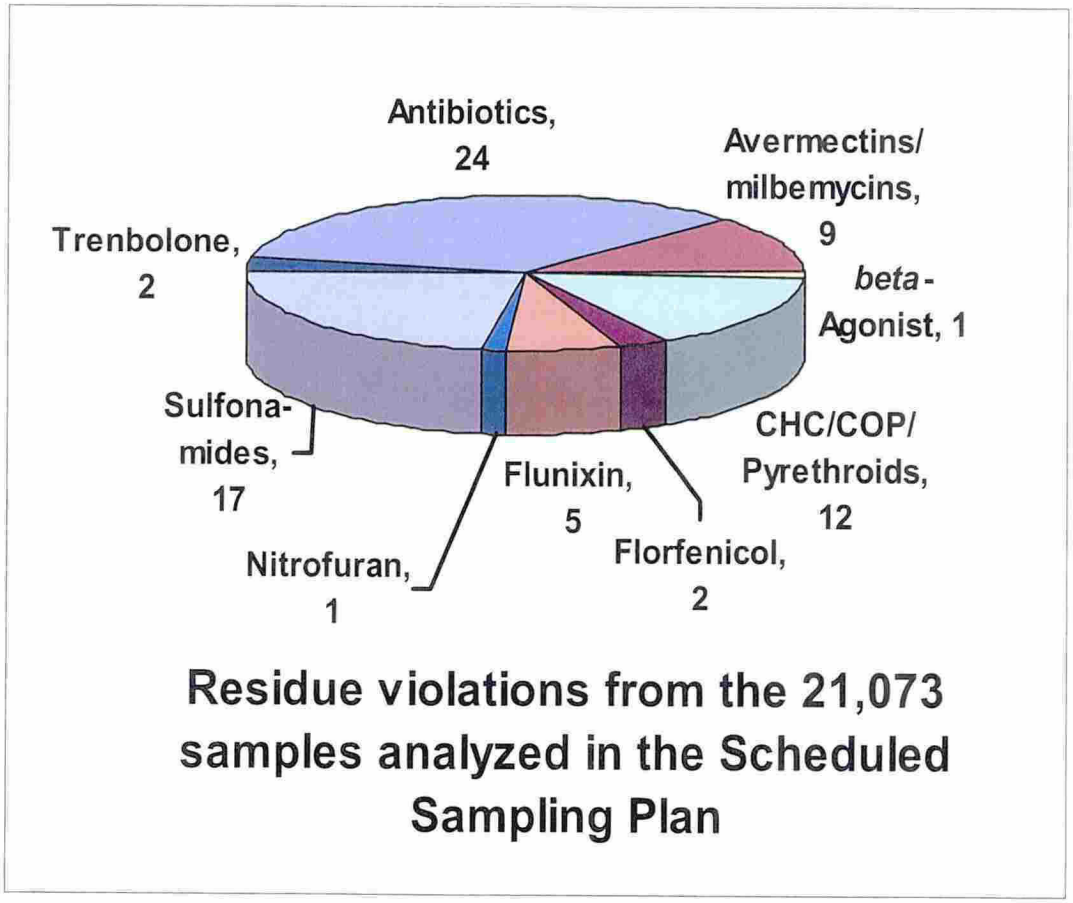
[1] Horses were under federal inspection by FSIS from January 2006 to December 2006.

SUMMARY OF DOMESTIC DATA

SCHEDULED SAMPLING – Exposure Assessments

Nineteen (19) compound classes of veterinary drugs and pesticides comprised of approximately 80 compounds were analyzed. Of the 21,073 samples analyzed, 73 chemical residue violations were found. The residue violations consisted of 24 antibiotics, nine (9) avermectins/milbemycins, one (1) *beta*-agonist, twelve (12) chlorinated hydrocarbons/chlorinated organophosphates/pyrethroids, two (2) florfenicol, five (5) flunixin, one (1) nitrofuran, seventeen (17) sulfonamides and two (2) trenbolone. There were no residue violations in the testing of arsenic, chloramphenicol, melengestrol acetate, nitroimidazoles, phenylbutazone, thyreostats, and zeranol.

Chart 2
Residue Violations
2006 Scheduled Sampling Plan



SCHEDULED SAMPLING – Exploratory Assessments

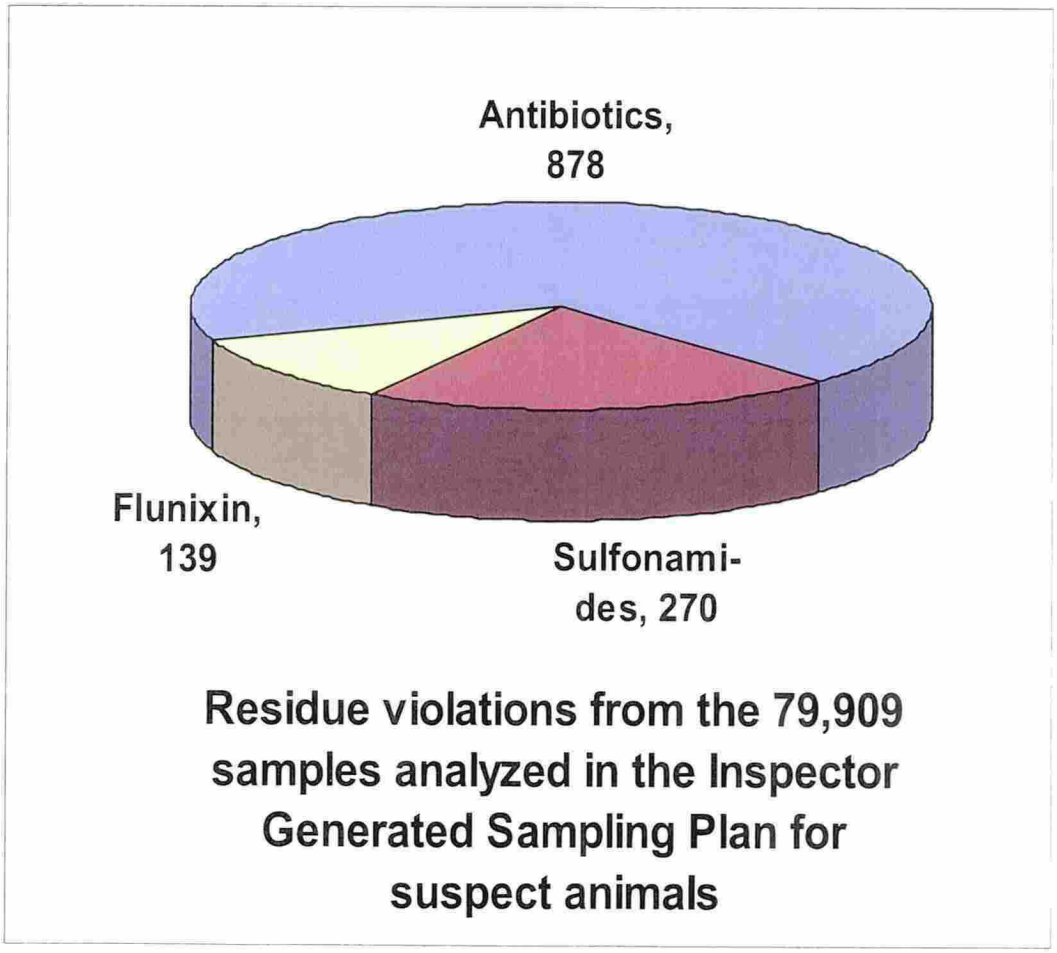
Environmental contaminants:

Lead and Cadmium – Lead and Cadmium testing was conducted on 324 mature chickens. The results of the analyses are reported on pages 59-64.

INSPECTOR GENERATED SAMPLING – Sampling for individual suspect animals

Sixteen compound classes (16) of veterinary drugs and pesticides comprised of approximately 80 compounds were analyzed. Of the 79,909 samples analyzed, 1,287 chemical violations were found. The number of residue violations for each compound or compound class is presented in Chart 3. The residue violations consisted of 878 antibiotics, 139 flunixin, and 270 sulfonamides. No violations were found in the testing for avermectins/milbemycins, *beta*-agonists, chloramphenicol, chlorinated hydrocarbons/chlorinated organophosphates, florfenicol, flunixin, melengestrol acetate, nitroimidazoles, phenylbutaone, and thyreostats.

Chart 3
Residue Violations
2006 Inspector Generated Sampling Plan-suspect animals



INSPECTOR GENERATED SAMPLING – Sampling for suspect animals populations

Bob veal – The FAST was used to screen 3,941 veal for antibiotics and sulfonamides. The total bob veal tested included both testing of a suspect population and testing of suspect animals. Of the animals tested, FSIS laboratory confirmed 158 violations in 148 animals. The residue violations consisted of nine (9) gentamycin, 95 neomycin, 14 oxytetracycline, 13 penicillin, three (3) tetracycline, one (1) tilmicosin, one (1) tylosin, seven (7) sulfadimethoxine, 10 sulfamethazine , four (4) sulfamethoxazole, one (1) flunixin.

Show animals – FSIS conducted analyses for *clenbuterol, salbutamol, and cimaterol (beta-Agonists)* on two (2) bovine, 11 steers, three (3) heifers, 10 lambs, nine (9) market hogs, and no violations were found. No violations were found in nine (9) market hogs tested for antibiotics and sulfonamides and (1) market hog tested for ractopamine.

NUMBER OF SAMPLES TESTED BY PRODUCTION AND COMPOUND CLASSES FOR SCHEDULED AND INSPECTOR GENERATED SAMPLING PLANS

NUMBER OF SAMPLES TESTED BY PRODUCTION CLASS

Table 2, *Number of Samples Tested by Production Class*, presents the number of animals tested under scheduled and inspector generated sampling plans for each production class.

Table 2
Number of Samples Tested by Production Class
2006 Domestic Sampling Plan

Production Class	Number of samples tested under Scheduled-exposure assessment	Number of samples tested under Scheduled-exploratory assessment	Number of samples tested under Inspector Generated-suspect animals	Number of samples tested under Inspector Generated-suspect populations
Beef cows	1,592	0	5,024	0
Boars/Stags	551	0	7	0
Bob veal	802	0	3,949[1]	3,941[1]
Bovine[2]	0	0	447	2
Bulls	1,160	0	604	0
Dairy cows	2,330	0	57,759	0
Formula-fed veal	2,500	0	373	0
Goats	451	0	49	0
Heavy calves	1,080	0	665	0
Heifers	2,206	0	1,755	3
Horses	506	0	79	0
Lambs	544	0	333	10
Market hogs	859	0	4,081	19
Mature chickens	297	648	0	0

[1] The total analyzed includes both testing of suspect population and testing of suspect animals
[2] Bovine refers to cattle production classes

Table 2 - *continued*
Number of Samples Tested by Production Class
2006 Domestic Sampling Plan

Production Class	Number of samples tested under Scheduled-exposure assessment	Number of samples tested under Scheduled-exploratory assessment	Number of samples tested under Inspector Generated-suspect animals	Number of samples tested under Inspector Generated-suspect populations
Mature sheep	457	0	96	0
Mature turkeys	261	0	0	0
Non-formula-fed veal	1,534	0	96	0
Ostrich	0	0	15	0
Roaster pigs	552	0	109	0
Sows	586	0	1,219	0
Steers	932	0	3,235	11
Young chickens	944	0	2	0
Young turkeys	929	0	12	0
Total	**21,073**	**648**	**79,909**	**3,986**

NUMBER OF SAMPLES TESTED BY COMPOUND CLASS

Table 3, *Number of Samples Tested by Compound Class,* presents the number of tests performed under scheduled and inspector generated sampling plans sampling for each compound class.

Table 3
Number of Samples Tested by Compound Class
2006 Domestic Sampling Plan

Compound Class	Number of samples tested under Scheduled-exposure assessment	Number of samples tested under Scheduled-exploratory assessment	Number of samples tested under Inspector Generated-suspect animals	Number of samples tested under Inspector Generated-suspect populations
Antibiotics (7-plate bioassay)	3,556	0	0	0
Antibiotics and Sulfonamides	0	0	6,734	9
Antibiotics, Sulfonamides, and Flunixin◊	0	0	73,042	3,941
Arsenic	947	0	0	0
Avermectins/milbemycins	2,275	0	2	0
Berenil	0	0	0	0
beta-Agonists (clenbuterol, cimaterol, and salbutamol)	939	0	58	35
beta-Agonists (ractopamine)	462	0	17	1
Cadmium	0	324	0	0
CHC's/COP's/Pyrethroids	2,645	0	1	0
Chloramphenicol	1,037	0	1	0
Florfenicol	348	0	1	0
Flunixin	1,044	0	15	0
Lead	0	324	0	0

◊ In the Inspector Generated Sampling plan, samples that are found to be FAST positive in the plant are further analyzed for flunixin (a non-steroidal anti-inflammatory compound) in the laboratory.

Table 3 - *continued*
Number of Samples Tested by Compound Class
2006 Domestic Sampling Plan

Compound Class	Number of samples tested under Scheduled-exposure assessment	Number of samples tested under Scheduled-exploratory assessment	Number of samples tested under Inspector Generated-suspect animals	Number of samples tested under Inspector Generated-suspect populations
Melengestrol acetate	329	0	13	0
Nitrofurans	863	0	0	0
Nitroimidazoles	337	0	1	0
Phenylbutazone	2,172	0	13	0
Sulfonamides	3,008	0	10	0
Thyreostats	291	0	1	0
Trenbolone	497	0	0	0
Zeranol	323	0	0	0
Total	**21,073**	**648**	**79,909**	**3,986**

SUMMARY OF IMPORT DATA

The United States imported approximately 3,838,749,956 pounds of fresh and processed meat, poultry, and egg products. These products were imported from 27 of the 33 countries eligible for exportation to the United States. The import testing program included analysis of 50 chemical residues from 9 compound classes of veterinary drugs and pesticides. Four (4) violations were found in the 4,320 reported results.

NORMAL

Nine (9) compound classes of veterinary drugs and pesticides were tested. From these nine compound classes approximately 50 residues were analyzed. Four (4) violations for avermectins were found in the 4,254 samples analyzed.

INTENSIFIED

Five (5) compound classes of veterinary drugs and pesticides were tested. From these four compound classes approximately 40 residues were analyzed. No violations were found in the 66 samples analyzed.

DOMESTIC SAMPLING RESULTS

SCHEDULED SAMPLING – EXPOSURE ASSESSMENTS (CONDENSED AND REFORMATTED RESULTS)

Domestic scheduled sampling condensed and reformatted results are presented in two tables (a and b) for each compound class tested unless there is only one compound in the class, then the second table is not necessary. The first table states the total number of animals analyzed (or the number of composite samples in the case of poultry), the number of non-violative positives (compounds detected at a level equal to or below the established tolerance), the number of violations, and the percent violations, for each compound class. Since analyses for multiple compounds can be performed on the same sample, one sample (one animal or a composite from one poultry flock) could have more than one violation. The second table presents the specific compounds that were detected within the compound class. The data on violations reported here should not be summed across either production class or analysis with the intent of arriving at a single value to represent the percentage occurrence of violations over all the species that were tested using a given analysis. This mathematical operation will not produce a statistically valid estimate, given the sample design in use. Care must be taken when making statistical inferences from these data.

ANTIBIOTICS (7-plate bioassay)

FSIS analyzed 3,556 samples for antibiotic residues. Twenty four (24) violations were detected in 24 animals from several production classes. The residue violations consisted of eight (8) gentamicin, fourteen (14) neomycin, one (1) oxytetracycline, and one (1) penicillin. Table 4a, *Antibiotics,* presents the results of the testing by production class. Table 4b, *Specific Antibiotic Violative Residues,* presents the specific antibiotics detected.

Table 4a
Antibiotics
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Beef cows	326	0	0	0	(0,1.13)
Boars/stags	267	13	0	0	(0,1.37)
Bob veal	278	23	11	3.9	(1.99,6.97)

Table 4a - *continued*
Antibiotics
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Dairy cows	310	7	4	1.3	(0.35,3.27)
Formula-fed veal	323	33	0	0	(0,1.14)
Heavy calves	220	6	3	1.4	(0.28,3.93)
Heifers	323	2	0	0	(0,1.14)
Horses	112	0	0	0	(0,3.24)
Non-formula-fed veal	200	11	6	3.0	(1.11,6.42)
Roaster pigs	241	50	0	0	(0,1.52)
Sows	300	9	0	0	(0,1.22)
Young chickens	330	0	0	0	(0,1.11)
Young turkeys	326	19	0	0	(0,1.13)
Total	**3,556**	**173**	**24**		

Table 4b
Specific Antibiotic Violative Residues
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Antibiotic Compounds				Total
	Gentamicin	Neomycin	Oxytetracycline	Penicillin	
Bob veal	1	**9**	1	0	**11**
Dairy cows	3	0	0	1	**4**
Heavy calves	1	2	0	0	**3**
Non-formula-fed veal	3	3	0	0	**6**
Total	**8**	**14**	**1**	**1**	**24**

ARSENIC

FSIS analyzed 947 samples for Arsenic. Zero (0) violations were detected. Table 5a, *Arsenic,* presents the results of the testing by production class.

Table 5a
Arsenic
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Market hogs	301	1	0	0	(0,1.22)
Mature chickens	297	1	0	0	(0,1.23)
Young chickens	349	102	0	0	(0,1.05)
Total	**947**	**104**	**0**		

AVERMECTINS (IVERMECTIN and DORAMECTIN) and MILBEMYCINS (MOXIDECTIN)

FSIS analyzed 2,275 samples for avermectin and milbemycin residues. Nine (9) violations were detected. The residue violations consisted of one (1) doramectin, three (3) ivermectin, and five (5) moxidectin. Table 6a, *Avermectins and Milbemycins,* presents the results of the testing by production class. Table 6b, *Specific Avermectin and Milbemycin Violative Residues,* presents the specific avermectins and milbemycins detected.

Table 6a
Avermectins and Milbemycins
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Bulls	309	7	0	0	(0,1.19)
Goats	240	0	6	2.5	(0.92,5.36)
Heavy calves	234	5	0	0	(0,1.56)
Heifers	321	2	0	0	(0,1.14)
Horses	113	0	0	0	(0,3.21)
Lambs	323	5	1	0.3	(0.01,1.71)
Mature sheep	249	8	1	0.4	(0.01,2.22)
Non-formula-fed veal	173	9	1	0.6	(0.01,3.18)
Steers	313	0	0	0	(0,1.17)
Total	**2,275**	**36**	**9**		

Table 6b
Specific Avermectin and Milbemycin Violative Residues
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Avermectin and Milbemycin Compounds			Total
	Doramectin	Ivermectin	Moxidectin	
Goats	0	1	5	**6**
Lambs	1	0	0	**1**
Mature sheep	0	1	0	**1**
Non-formula-fed veal	0	1	0	**1**
Total	**1**	**3**	**5**	**9**

beta –AGONISTS (clenbuterol, cimaterol, and salbutamol)

FSIS analyzed 943 samples for *beta*-agonists (clenbuterol, cimaterol, and salbutamol) residues. One (1) salbutamol violation and zero (0) non-violative positives were detected. Table 7a, *beta-Agonists,* presents the results of the testing by production class. Table 7b, *Specific beta-Agonists Violative Residues,* presents the specific *beta*-agonists detected.

Table 7a
***beta*-Agonists (clenbuterol, cimaterol,and salbutamol)**
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Bob veal	224	0	0	0	(0,1.63)
Formula-fed veal	247	0	0	0	(0,1.48)
Heifers	293	0	0	0	(0,1.23)
Non-formula-fed veal	175	0	1	0.6	(0.01,3.14)
Total	**939**	**0**	**1**		

Table 7b
Specific *beta*-Agonists Violative Residues
2006 FSIS Domestic Scheduled Sampling Results

Production Class	*beta*-Agonist Compounds	Total
	Salbutamol	
Non-formula-fed veal	1	1
Total	**1**	**1**

beta –AGONISTS (ractopamine)

FSIS analyzed 458 samples for ractopamine residues and zero (0) violations were detected. Table 8a, *beta-Agonists (ractopamine)*, presents the results of the testing by production class

Table 8a
***beta*-Agonists (ractopamine)**
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Formula-fed veal	257	0	0	0	(0,1.43)
Heifers	4	4	0	0	(0,95.7)
Non-formula-fed veal	201	0	0	0	(0,1.82)
Total	**462**	**0**	**0**	0	

CHLORAMPHENICOL

FSIS analyzed 1,037 samples for chloramphenicol and zero (0) violations were detected. Table 9a, *Chloramphenicol,* presents the results of the testing by production class

Table 9a
Chloramphenicol
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Dairy cows	254	0	0	0	(0,1.44)
Formula-fed veal	252	0	0	0	(0,1.45)
Young chickens	265	0	0	0	(0,1.38)
Young turkeys	266	0	0	0	(0,1.38)
Total	**1,037**	**0**	**0**		

CHLORINATED HYDROCARBONS, CHLORINATED ORGANOPHOSPHATES, and PYRETHROIDS

FSIS analyzed 2,645 samples for chlorinated hydrocarbons and chlorinated organophosphates. Samples with chromatograms containing peaks with retention times in the pyrethroid area were further analyzed using an ad hoc method for pyrethroids. Twelve (12) violations were detected. The residue violations consisted of one (1) dieldrin, three (3) hexachlorobenzenes (HCB), three (3) polybrominated biphenyl (PBB), three (3) polybrominated diphenyl ethers (PBDE), one (1) halowax, and one (1) permethrin. Table 10a, *Chlorinated Hydrocarbons, Chlorinated Organophosphates, and Pyrethroids* presents the results of the testing by production class. Table 10b, *Specific Chlorinated Hydrocarbons, Chlorinated Organophosphates, and Pyrethroids* presents the specific chlorinated hydrocarbons, chlorinated organophosphates, and pyrethroids detected.

Table 10a
Chlorinated Hydrocarbons, Chlorinated Organophosphates, and Pyrethroids
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Beef cows	314	5	0	0	(0,1.17)
Boars/Stags	284	9	6	2.1	(0.78,4.54)
Dairy cows	304	16	2	0.7	(0.08,2.36)
Goats	211	2	0	0	(0,1.73)
Heifers	333	4	0	0	(0,1.1)
Horses	281	1	1	0.4	(0.01,1.97)
Lambs	221	6	0	0	(0,1.66)
Mature sheep	208	16	1	0.5	(0.01,2.65)
Non-formula-fed veal	203	8	0	0	(0,1.8)
Sows	286	8	2	0.7	(0.08,2.5)
Total	**2,645**	**75**	**12**		

Table 10b
Specific Chlorinated Hydrocarbons, Chlorinated Organophosphates, and Pyrethroid Violative Residues
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Chlorinated Hydrocarbons, Chlorinated Organophosphates, Pyrethroid Compounds						Total
	Diel-drin	Halo-wax	HCB	PBB	PBDE	Perme-thrin	
Boars/stags	0	1	3	1	1	0	**6**
Dairy cows	1	0	0	0	0	1	**2**
Horses	0	0	0	0	1	0	**1**
Mature sheep	0	0	0	1	0	0	**1**
Sows	0	0	1	1	0	0	**2**
Total	**1**	**1**	**4**	**3**	**2**	**1**	**12**

FLORFENICOL

FSIS analyzed 348 samples for florfenicol residues and two (2) violations were detected. Table 11a, *Florfenicol,* present the results of the testing by production class.

Table 11a
Florfenicol
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Dairy cows	270	0	0	0	(0,1.36)
Non-formula fed veal	78	0	2	2.6	(0.31,8.96)
Total	**348**	**0**	**2**		

FLUNIXIN

FSIS analyzed 1,044 samples for flunixin residues and five (5) violations were detected. Table 12a, *Flunixin,* present the results of the testing by production class.

Table 12a
Flunixin
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Beef cows	306	0	0	0	(0,1.2)
Bulls	232	0	1	0.4	(0.01,2.38)
Dairy cows	292	3	4	1.4	(0.37,3.47)
Heavy calves	214	0	0	0	(0,1.71)
Total	**1,044**	**3**	**5**		

MELENGESTROL ACETATE (MGA)

FSIS analyzed 329 heifer samples for MGA residues; zero (0) violations and 15 non-violative positives were found. The 95th confidence interval for percent violations is: 0, 1.11.

NITROFURANS

FSIS analyzed 863 samples for nitrofurans (furazolidone and furaltadone) residues and one (1) violation was detected. Table 13a, *Nitrofurans*, presents the results of the testing by production class. Table 13b, Specific *Nitrofurans Violative Residues*, presents the specific nitrofurans detected.

Table 13a
Nitrofurans
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Dairy cows	285	0	1	0.4	(0.01,1.94)
Formula-fed veal	257	0	0	0	(0,1.43)
Heifers	321	0	0	0	(0,1.14)
Total	**863**	**0**	**1**		

Table 13b
Specific Nitrofurans Violative Residues
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Nitrofuran Compounds	Total
	Furazolidone	
Dairy cows	1	**1**
Total	**1**	**1**

NITROIMIDAZOLES

FSIS analyzed 337 young turkey samples for nitroimidazoles (hydroxyipronidazone and hydoxydimetridazole) residues; zero (0) violations and zero (0) non-violative residues were detected. The 95th confidence interval for percent violations is: 0, 1.09.

PHENYLBUTAZONE

FSIS analyzed 2,172 samples for phenylbutazone residues using ELISA; zero (0) violations and zero (0) non-violative residues were detected. Table 14a, *Phenylbutazone*, present the results of the testing by production class

Table 14a
Phenylbutazone
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Beef cows	329	0	0	0	(0,1.11)
Bulls	322	0	0	0	(0,1.14)
Dairy cows	298	0	0	0	(0,1.23)
Formula-fed veal	265	0	0	0	(0,1.38)
Heavy calves	190	0	0	0	(0,1.92)
Heifers	282	0	0	0	(0,1.3)
Non-formula-fed veal	165	0	0	0	(0,2.21)
Steers	321	0	0	0	(0,1.14)
Total	**2,172**	**0**	**0**		

SULFONAMIDES

FSIS analyzed 3,008 samples for sulfonamides. Seventeen (17) violations were detected in seventeen (17) animals from several production classes. The chemical residue violations consisted of three (3) sulfadimethoxine, and fourteen (14) sulfamethazine. Table 15a, *Sulfonamides,* presents the results of the testing by production class. Table 15b, *Specific Sulfonamides Violative Residues,* presents the specific sulfonamides detected.

Table 15a
Sulfonamides
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Beef cows	317	0	0	0	(0,1.16)
Bob veal	300	1	3	1.0	(0.21,2.89)
Bulls	297	0	0	0	(0,1.23)
Dairy cows	317	0	3	0.9	(0.2,2.74)
Formula-fed veal	253	0	0	0	(0,1.45)
Heavy calves	222	0	1	0.4	(0.01,2.48)
Market hogs	267	0	1	0.4	(0.01,2.07)
Mature turkeys	261	1	0	0	(0,1.4)
Non-formula-fed veal	165	0	0	0	(0,2.21)
Roaster pigs	311	3	8	2.6	(1.12,5.01)
Steers	298	0	1	0.3	(0.01,1.86)
Total	**3,008**	**5**	**17**		

Table 15b
Specific Sulfonamide Violative Residues
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Sulfonamide Compounds		Total
	Sulfadimethoxine	Sulfamethazine	
Bob veal	1	2	**3**
Dairy cows	1	2	**3**
Heavy calves	0	1	**1**
Market hogs	0	1	**1**
Roaster pigs	1	7	**8**
Steers	0	1	**1**
Total	**3**	**14**	**17**

THYREOSTATS

FSIS analyzed 291 market hogs samples for 2-thiouracil, 6-methyl-2-thiouracil, 6-proply-2-thiouracil, 2-mercapto-1-methylimidazole (tapazole), 6-phenyl-2-thiouracil, and 2-mercaptobenzimidazole residues; zero (0) violations and zero (0) non-violative positives were detected. The 95th confidence interval for percent violations is: 0, 1.26.

TRENBOLONE

FSIS analyzed 497 samples for trenbolone residues and two (2) violations were detected. Table 16a, *Trenbolone*, present the results of the testing by production class

Table 16a
Trenbolone
2006 FSIS Domestic Scheduled Sampling Results

Production Class	Number of Analyses	Number of non-violative positives	Number of violations	Percent violations	95% Confidence Interval
Formula-fed veal	323	0	0	0	(0,1.14)
Non-formula-fed veal	174	0	2	1.1	(0.14,4.09)
Total	**497**	**0**	**2**		

ZERANOL

FSIS analyzed 323 formula-fed veal samples for zeranol residues; zero (0) violations and zero (0) non-violative positives were detected. The 95th confidence interval for percent violations is: 0, 1.14.

SCHEDULED SAMPLING – EXPOSURE ASSESSMENTS DATA FROM FSIS DATABASE

Tables 17a to 37b identify information as received from the FSIS Database System, Microbiological and Residue Computer Information System (MARCIS).

PRODUCTION CLASS DATA

Tables 17a to 37a present the tissues analyzed, number of samples analyzed, number of violations, and the range for the amount detected for each compound tested in each production class. The number of positives and violations are reported in intervals, with the lowest interval being 0.01-0.10 ppm or 0.01-0.10 ppb. If samples did not contain detectable residues, then the samples are categorized under "None" for "Amount in Sample." The no-detect level varies for each analyte and is not <0.01 ppm or <0.01 ppb for every analyte. The limits of detection may be found in Appendix I (Analytical Methods, 2005 National Residue Program). The last two columns indicate instances when samples were analyzed and residues were detected but not quantitated.

Tables 17b to 37b present the number of samples analyzed, number of violations, percent violative samples, and the upper 95% confidence limit for each compound class in each production class. The columns "Percent Violative Samples" and "Upper 95% Confidence Limit" provide an estimate of the percent violations and the associated upper 95% confidence limit on the percent of specified animals (groups of six animals for poultry) with a violation in at least one compound in the residue compound class listed.

Table 17a
Summary of Residue Data - Beef Cows
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Cypermethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Permethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Fenvalerate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Flucythrinate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Deltamethrin	Fat	314	0	ppm	313	0	0	1	0	0	0	0	0	0	0
Aldrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
BHC	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	314	0	ppm	313	0	1	0	0	0	0	0	0	0	0
DDT	Fat	314	0	ppm	311	1	0	1	0	0	1	0	0	0	0
Endrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
PCB	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
HCB	Fat	314	0	ppb	314	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	314	0	--------	314	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	314	0	--------	314	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
PBB	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Penicillin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Chlortetracyclin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0

Table 17a continued
Summary of Residue Data - Beef Cows
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Dihydrostreptomycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Swab Pos-Bioassy Neg	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Phenylbutazone	Kidney	329	0	ppb	329	0	0	0	0	0	0	0	0	0	0
Flunixin	Liver	306	0	ppb	306	0	0	0	0	0	0	0	0	0	0

Table 17b
Summary of Residue Data by Compound Class - Beef Cows
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	326	0	0	.9
Chlorinated Hydrocarbons	314	0	0	.9
Chlorinated Organophosphates	314	0	0	.9
Flunixin	306	0	0	1.0
Phenylbutazone	329	0	0	.9
Sulfonamides	317	0	0	.9
Total	1906	0		

Table 18a
Summary of Residue Data - Boars/Stags
2006 Domestic Monitoring Plan

					Amount Found in Sample									No Quantitation	
Residue	Tissue	Number Samples	Violations	Units	None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	Violative	Not Violative
Aldrin	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
BHC	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
DDT	Fat	284	0	ppm	275	1	5	0	1	1	1	0	0	0	0
Endrin	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
PCB	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
HCB	Fat	284	3	ppb	281	0	0	1	1	1	0	0	0	0	0
Mirex	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	284	0	--------	284	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	284	0	--------	284	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	284	1	ppm	283	0	0	0	0	1	0	0	0	0	0
PBB	Fat	284	1	ppm	283	0	1	0	0	0	0	0	0	0	0

Table 18a continued
Summary of Residue Data - Boars/Stags
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
PBDE	Fat	284	1	ppm	283	0	0	0	0	0	0	0	1	0	0
Penicillin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	267	0	ppm	260	0	0	0	0	0	0	1	0	0	6
Oxytetracycline	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	267	0	--------	265	0	0	0	0	0	0	0	0	0	2
Gentamycin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	267	0	--------	261	0	0	0	0	0	0	0	0	0	6
Swab Pos-Bioassy Neg	Kidney	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	284	0	ppm	284	0	0	0	0	0	0	0	0	0	0

Table 18b
Summary of Residue Data by Compound Class - Boars/Stags
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	267	0	0	1.1
Chlorinated Hydrocarbons	284	6	2.1	4.1
Chlorinated Organophosphates	284	0	0	1.0
Total	835	6		

Table 19a
Summary of Residue Data - Bob Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Penicillin	Kidney	278	0	ppm	277	0	0	0	0	0	0	0	0	0	1
Streptomycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	278	0	ppm	277	0	0	0	0	0	0	0	0	0	1
Tylosin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	278	9	ppm	256	0	0	0	0	1	2	2	10	0	7
Oxytetracycline	Kidney	278	1	ppm	276	0	0	0	0	0	0	0	2	0	0
Chlortetracyclin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	278	1	ppm	277	0	0	0	0	0	0	0	0	1	0
Lincomycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	278	0	--------	277	0	0	0	0	0	0	0	0	0	1
Tilmicosin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	278	0	ppm	275	0	0	0	0	0	0	0	0	0	3
Tobramycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	278	0	--------	277	0	0	0	0	0	0	0	1	0	0
Dicloxacillin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	278	0	--------	275	0	0	0	0	0	0	0	0	0	3
Swab Pos-Bioassy Neg	Kidney	278	0	--------	278	0	0	0	0	0	0	0	0	0	0
Clenbuterol	Liver	136	0	ppb	136	0	0	0	0	0	0	0	0	0	0
Cimaterol	Liver	136	0	ppb	136	0	0	0	0	0	0	0	0	0	0
Salbutamol	Liver	136	0	ppb	136	0	0	0	0	0	0	0	0	0	0
Clenbuterol	eyeball	88	0	ppb	88	0	0	0	0	0	0	0	0	0	0
Cimaterol	eyeball	88	0	ppb	88	0	0	0	0	0	0	0	0	0	0
Salbutamol	eyeball	88	0	ppb	88	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	300	1	ppm	299	0	1	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	300	2	ppm	297	1	0	0	0	0	0	1	1	0	0
Sulfachloropyrazine	Liver	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	300	0	--------	300	0	0	0	0	0	0	0	0	0	0

Table 19a continued
Summary of Residue Data - Bob Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Sulfamethiazole	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0

Table 19b
Summary of Residue Data by Compound Class - Bob Veal
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	278	11	4.0	6.5
beta Agonists	224	0	0	1.3
Sulfonamides	300	3	1.0	2.6
Total	802	14		

Table 20a
Summary of Residue Data - Bulls
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Sulfaethoxypridazine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	297	0	--------	297	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	297	0	--------	297	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	297	0	ppm	297	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	309	0	ppb	305	0	0	0	0	0	0	0	4	0	0
Phenylbutazone	Kidney	322	0	ppb	322	0	0	0	0	0	0	0	0	0	0
Flunixin	Liver	232	1	ppb	231	0	0	0	0	0	1	0	0	0	0
Doramectin	Liver	309	0	ppb	309	0	0	0	0	0	0	0	0	0	0
Moxidectin	Liver	309	0	ppb	306	0	0	0	0	0	0	0	3	0	0

Table 20b
Summary of Residue Data by Compound Class - Bulls
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	309	0	0	1.0
Flunixin	232	1	0.4	2.0
Phenylbutazone	322	0	0	.9
Sulfonamides	297	0	0	1.0
Total	1160	1		

Table 21a
Summary of Residue Data - Dairy Cows
2006 Domestic Monitoring Plan

					Amount Found in Sample									No Quantitation	
Residue	Tissue	Number Samples	Violations	Units	None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	Violative	Not Violative
Cypermethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Permethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Fenvalerate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Flucythrinate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Deltamethrin	Fat	314	1	ppm	313	0	0	0	0	0	0	1	0	0	0
Aldrin	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
BHC	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	304	1	ppm	303	0	0	0	1	0	0	0	0	0	0
DDT	Fat	304	0	ppm	288	2	9	2	0	2	1	0	0	0	0
Endrin	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
PCB	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
HCB	Fat	304	0	ppb	304	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	304	0	--------	304	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	304	0	--------	304	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
PBB	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Penicillin	Kidney	310	1	ppm	309	0	1	0	0	0	0	0	0	0	0
Streptomycin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	254	0	ppb	254	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	310	0	ppm	306	0	0	0	0	0	0	0	0	0	4
Oxytetracycline	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Chlortetracyclin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0

Table 21a continued
Summary of Residue Data - Dairy Cows
2006 Domestic Monitoring Plan

					Amount Found in Sample									No Quantitation	
Residue	**Tissue**	**Number Samples**	**Violations**	**Units**	**None**	**0.01-0.10**	**0.11-0.20**	**0.21-0.30**	**0.31-0.50**	**0.51-1.00**	**1.01-2.50**	**2.51-5.00**	**Over 5.00**	**Violative**	**Not Violative**
Gentamycin	Kidney	310	3	ppm	307	0	0	0	0	0	0	0	0	3	0
Lincomycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	310	0	--------	309	0	0	0	0	0	0	0	0	0	1
Tilmicosin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Florfenicol	Liver	270	0	ppm	270	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	310	0	ppm	310	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	310	0	--------	308	0	0	0	0	0	0	0	0	0	2
Swab Pos-Bioassy Neg	Kidney	310	0	--------	310	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	304	0	ppm	304	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	317	1	ppm	316	0	0	0	1	0	0	0	0	0	0
Sulfamethazine	Liver	317	2	ppm	315	0	2	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	317	0	--------	317	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0	0	0

Table 21a continued
Summary of Residue Data - Dairy Cows
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Furazolidone	Liver	285	1	ppb	284	0	0	0	0	0	0	0	1	0	0
Furaltadone	Liver	285	0	ppb	285	0	0	0	0	0	0	0	0	0	0
Phenylbutazone	Kidney	298	0	ppb	298	0	0	0	0	0	0	0	0	0	0
Flunixin	Liver	292	4	ppb	285	2	3	1	1	0	0	0	0	0	0

Table 21b
Summary of Residue Data by Compound Class - Dairy Cows
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	310	4	2.6	5.7
Chloramphenicol	254	0	0	1.2
Chlorinated Hydrocarbons	304	2	0.7	2.1
Chlorinated Organophosphates	304	0	0	1.0
Flunixin	292	4	1.4	3.1
Phenylbutazone	298	0	0	1.0
Sulfonamides	317	3	0.9	2.4
Florfenicol	270	0	0	1.1
Furazolidone	285	1	0.4	1.6
Furaltadone	285	0	0	1.0
Total	2919	14		

Table 22a
Summary of Residue Data - Formula-fed Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Penicillin	Kidney	323	0	ppm	322	0	0	0	0	0	0	0	0	0	1
Streptomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	252	0	ppb	252	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	323	0	ppm	322	0	0	0	0	0	0	1	0	0	0
Oxytetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Chlortetracyclin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	323	0	--------	322	0	0	0	0	0	0	0	1	0	0
Dicloxacillin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	323	0	--------	293	0	0	0	0	0	0	0	0	0	30
Swab Pos-Bioassy Neg	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Zeranol	Liver	323	0	ppb	323	0	0	0	0	0	0	0	0	0	0
Trenbolone	Liver	323	0	ppb	323	0	0	0	0	0	0	0	0	0	0
Clenbuterol	Liver	158	0	ppb	158	0	0	0	0	0	0	0	0	0	0
Cimaterol	Liver	158	0	ppb	158	0	0	0	0	0	0	0	0	0	0
Salbutamol	Liver	158	0	ppb	158	0	0	0	0	0	0	0	0	0	0
Clenbuterol	eyeball	89	0	ppb	89	0	0	0	0	0	0	0	0	0	0
Cimaterol	eyeball	89	0	ppb	89	0	0	0	0	0	0	0	0	0	0
Salbutamol	eyeball	89	0	ppb	89	0	0	0	0	0	0	0	0	0	0
Ractopamine	Liver	184	0	ppb	184	0	0	0	0	0	0	0	0	0	0
Ractopamine	Muscle	73	0	ppb	73	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	253	0	--------	253	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	253	0	--------	253	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	253	0	--------	253	0	0	0	0	0	0	0	0	0	0

Table 22a continued
Summary of Residue Data - Formula-fed Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Sulfamethoxypyridazine	Liver	253	0	--------	253	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	253	0	--------	253	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	253	0	ppm	253	0	0	0	0	0	0	0	0	0	0
Furazolidone	Liver	257	0	ppb	257	0	0	0	0	0	0	0	0	0	0
Furaltadone	Liver	257	0	ppb	257	0	0	0	0	0	0	0	0	0	0
Phenylbutazone	Kidney	265	0	ppb	265	0	0	0	0	0	0	0	0	0	0

Table 22b
Summary of Residue Data by Compound Class - Formula-fed Veal
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	323	0	0	.9
Chloramphenicol	252	0	0	1.2
beta Agonists	247	0	0	1.2
Phenylbutazone	265	0	0	1.1
Sulfonamides	253	0	0	1.2
Zeranol	323	0	0	.9
Ractopamine	257	0	0	1.2
Trenbolone	323	0	0	.9
Furazolidone	257	0	0	1.2
Furaltadone	257	0	0	1.2
Total	2757	0		

Table 23a
Summary of Residue Data - Goats
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Aldrin	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
BHC	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
DDT	Fat	211	0	ppm	209	0	2	0	0	0	0	0	0	0	0
Endrin	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
PCB	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
HCB	Fat	211	0	ppb	211	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	211	0	-------	211	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	211	0	--------	211	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
PBB	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	211	0	ppm	211	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	240	1	ppb	239	0	0	0	0	0	0	0	1	0	0
Doramectin	Liver	240	0	ppb	240	0	0	0	0	0	0	0	0	0	0
Moxidectin	Liver	240	5	ppb	235	0	0	0	0	0	0	0	5	0	0

Table 23b
Summary of Residue Data by Compound Class - Goats
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	240	6	2.5	4.9
Chlorinated Hydrocarbons	211	0	0	1.4
Chlorinated Organophosphates	211	0	0	1.4
Total	662	6		

Table 24a
Summary of Residue Data - Heavy Calves
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Penicillin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	220	2	ppm	215	0	0	0	0	0	0	1	4	0	0
Oxytetracycline	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	220	0	ppm	219	0	0	0	0	0	1	0	0	0	0
Unid Micro Inhibitor	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	220	1	ppm	219	0	0	0	0	0	0	0	0	1	0
Lincomycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	220	0	ppm	220	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	220	0	--------	218	0	0	0	0	0	0	0	0	0	2
Swab Pos-Bioassy Neg	Kidney	220	0	--------	220	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	222	0	--------	222	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	222	0	--------	222	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	222	1	ppm	221	0	0	1	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	222	0	--------	222	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	222	0	--------	222	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	222	0	--------	222	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0

Table 24a continued
Summary of Residue Data - Heavy Calves
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Sulfadoxine	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	222	0	ppm	222	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	234	0	ppb	233	0	0	0	0	0	0	0	1	0	0
Phenylbutazone	Kidney	190	0	ppb	190	0	0	0	0	0	0	0	0	0	0
Flunixin	Liver	214	0	ppb	214	0	0	0	0	0	0	0	0	0	0
Doramectin	Liver	234	0	ppb	232	0	0	0	0	0	0	0	2	0	0
Moxidectin	Liver	234	0	ppb	232	0	0	0	0	0	0	0	2	0	0

Table 24b
Summary of Residue Data by Compound Class - Heavy Calves
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	220	3	0.9	2.8
Avermectins	234	0	0	1.3
Flunixin	214	0	0	1.4
Phenylbutazone	190	0	0	1.6
Sulfonamides	222	1	0.5	2.1
Total	1080	3		

Table 25a
Summary of Residue Data - Heifers
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Viol-ations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Viol-ative	Not Vio-lative
Aldrin	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
BHC	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
DDT	Fat	333	0	ppm	329	0	2	1	1	0	0	0	0	0	0
Endrin	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
PCB	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
HCB	Fat	333	0	ppb	333	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	333	0	--------	333	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	333	0	--------	333	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
PBB	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Penicillin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	323	0	ppm	321	0	0	0	0	0	1	1	0	0	0
Oxytetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0

Table 25a continued
Summary of Residue Data - Heifers
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Amikacin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Swab Pos-Bioassy Neg	Kidney	323	0	--------	323	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	333	0	ppm	333	0	0	0	0	0	0	0	0	0	0
MGA	Fat	329	0	ppm	314	13	1	0	0	0	0	0	1	0	0
Clenbuterol	Liver	194	0	ppb	194	0	0	0	0	0	0	0	0	0	0
Cimaterol	Liver	194	0	ppb	194	0	0	0	0	0	0	0	0	0	0
Salbutamol	Liver	194	0	ppb	194	0	0	0	0	0	0	0	0	0	0
Clenbuterol	eyeball	99	0	ppb	99	0	0	0	0	0	0	0	0	0	0
Cimaterol	eyeball	99	0	ppb	99	0	0	0	0	0	0	0	0	0	0
Salbutamol	eyeball	99	0	ppb	99	0	0	0	0	0	0	0	0	0	0
Ractopamine	Liver	4	0	ppb	0	0	0	0	0	0	0	1	3	0	0
Furazolidone	Liver	321	0	ppb	321	0	0	0	0	0	0	0	0	0	0
Furaltadone	Liver	321	0	ppb	321	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	321	0	ppb	320	0	0	0	0	0	0	0	1	0	0
Phenylbutazone	Kidney	282	0	ppb	282	0	0	0	0	0	0	0	0	0	0
Doramectin	Liver	321	0	ppb	321	0	0	0	0	0	0	0	0	0	0
Moxidectin	Liver	321	0	ppb	320	0	0	0	0	0	0	0	1	0	0

Table 25b
Summary of Residue Data by Compound Class - Heifers
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	323	0	0	.9
Avermectins	321	0	0	.9
Chlorinated Hydrocarbons	333	0	0	.9
Chlorinated Organophosphates	333	0	0	.9
beta Agonists	297	0	0	1.0
MGA	329	0	0	.9
Phenylbutazone	282	0	0	1.1
Furazolidone	321	0	0	.9
Furaltadone	321	0	0	.9
Total	2860	0		

Table 26a
Summary of Residue Data - Horses
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Aldrin	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
BHC	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
DDT	Fat	281	0	ppm	280	0	1	0	0	0	0	0	0	0	0
Endrin	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
PCB	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
HCB	Fat	281	0	ppb	281	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	281	0	--------	281	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	281	0	--------	281	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
PBB	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	281	1	ppm	280	0	0	0	0	0	0	0	1	0	0
Penicillin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Chlortetracyclin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	112	0	--------	91	0	0	0	0	0	0	0	0	0	21
Gentamycin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0

Table 26a continued
Summary of Residue Data - Horses
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Amikacin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	112	0	ppm	112	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Swab Pos-Bioassy Neg	Kidney	112	0	--------	112	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	281	0	ppm	281	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	113	0	ppb	113	0	0	0	0	0	0	0	0	0	0
Doramectin	Liver	113	0	ppb	113	0	0	0	0	0	0	0	0	0	0
Moxidectin	Liver	113	0	ppb	113	0	0	0	0	0	0	0	0	0	0

Table 26b
Summary of Residue Data by Compound Class - Horses
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	112	0	0	2.6
Avermectins	113	0	0	2.6
Chlorinated Hydrocarbons	281	1	0.4	1.7
Chlorinated Organophosphates	281	0	0	1.1
Total	787	1		

Table 27a
Summary of Residue Data - Lambs
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Aldrin	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
BHC	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
DDT	Fat	221	0	ppm	215	1	5	0	0	0	0	0	0	0	0
Endrin	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
PCB	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
HCB	Fat	221	0	ppb	221	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	221	0	-------	221	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	221	0	-------	221	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
PBB	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	221	0	ppm	221	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	323	0	ppb	322	0	0	0	0	0	0	0	1	0	0
Doramectin	Liver	323	1	ppb	322	0	0	0	0	0	0	0	1	0	0
Moxidectin	Liver	323	0	ppb	319	0	0	0	0	0	0	0	4	0	0

Table 27b
Summary of Residue Data by Compound Class - Lambs
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	323	1	0.3	1.5
Chlorinated Hydrocarbons	221	0	0	1.3
Chlorinated Organophosphates	221	0	0	1.3
Total	765	1		

Table 28a
Summary of Residue Data - Market Hogs
2006 Domestic Monitoring Plan

					Amount Found in Sample									No Quantitation	
Residue	Tissue	Number Samples	Violations	Units	None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	Violative	Not Violative
Arsenic	Liver	301	0	ppm	300	0	0	0	0	1	0	0	0	0	0
2-Thiouracil	Muscle	291	0	ppb	291	0	0	0	0	0	0	0	0	0	0
6-methyl-2-thiouracil	Muscle	291	0	ppb	291	0	0	0	0	0	0	0	0	0	0
6-propyl-2-thiouracil	Muscle	291	0	ppb	291	0	0	0	0	0	0	0	0	0	0
6-phenyl-2-thiouracil	Muscle	291	0	ppb	291	0	0	0	0	0	0	0	0	0	0
2-mercapto-1-methylimidazole	Muscle	291	0	ppb	291	0	0	0	0	0	0	0	0	0	0
2-mercaptobenzimidazole	Muscle	291	0	ppb	291	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	267	1	ppm	266	0	0	0	0	0	0	1	0	0	0
Sulfachloropyrazine	Liver	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	267	0	--------	267	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	267	0	ppm	267	0	0	0	0	0	0	0	0	0	0

Table 28b
Summary of Residue Data by Compound Class - Market Hogs
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Arsenic	301	0	0	1.0
Sulfonamides	267	1	0.4	1.8
Thyreostats	291	0	0	1.0
Total	859	1		

Table 29a
Summary of Residue Data - Mature Chickens
2006 Domestic Monitoring Plan

					Amount Found in Sample									No Quantitation	
Residue	Tissue	Number Samples	Violations	Units	None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	Violative	Not Violative
Arsenic	Liver	297	0	ppm	296	0	0	1	0	0	0	0	0	0	0

Table 29b
Summary of Residue Data by Compound Class - Mature Chickens
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Arsenic	297	0	0	1.0
Total	297	0		

Table 30a
Summary of Residue Data - Mature Sheep
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Aldrin	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
BHC	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
DDT	Fat	208	0	ppm	192	1	6	4	3	2	0	0	0	0	0
Endrin	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
PCB	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
HCB	Fat	208	0	ppb	208	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	208	0	--------	208	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	208	0	--------	208	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
PBB	Fat	208	1	ppm	207	1	0	0	0	0	0	0	0	0	0
PBDE	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	208	0	ppm	208	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	249	1	ppb	245	0	0	0	0	0	0	0	4	0	0
Doramectin	Liver	249	0	ppb	249	0	0	0	0	0	0	0	0	0	0
Moxidectin	Liver	249	0	ppb	244	0	0	0	0	0	0	0	5	0	0

Table 30b
Summary of Residue Data by Compound Class - Mature Sheep
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	249	1	.4	1.9
Chlorinated Hydrocarbons	208	1	.5	2.3
Chlorinated Organophosphates	208	0	0	1.4
Total	665	2		

Table 31a
Summary of Residue Data - Mature Turkeys
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation Violative	No Quantitation Not Violative
Sulfaethoxypridazine	Liver	261	0	--------	261	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	261	0	--------	261	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	261	0	ppm	260	1	0	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	261	0	--------	261	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	261	0	--------	261	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	261	0	--------	261	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	261	0	ppm	261	0	0	0	0	0	0	0	0	0	0

Table 31b
Summary of Residue Data by Compound Class - Mature Turkeys
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Sulfonamides	261	0	0	1.1
Total	261	0		

Table 32a
Summary of Residue Data - Non-formula-fed Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Viol-ations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Viol-ative	Not Vio-lative
Cypermethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Permethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Fenvalerate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Flucythrinate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Deltamethrin	Fat	314	0	ppm	313	0	0	0	0	1	0	0	0	0	0
Aldrin	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
BHC	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
DDT	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Endrin	Fat	203	0	ppm	196	0	5	1	0	1	0	0	0	0	0
Heptachlor	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
PCB	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
HCB	Fat	203	0	ppb	203	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	203	0	--------	203	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Dicofol	Fat	203	0	--------	203	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
PBB	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
PBDE	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Penicillin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	200	3	ppm	189	0	0	0	0	1	5	1	0	0	4
Oxytetracycline	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Chlortetracyclin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	200	3	ppm	197	0	0	0	0	0	0	0	0	3	0
Lincomycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	200	0	--------	199	0	0	0	0	0	0	0	0	0	1
Tilmicosin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Florfenicol	Liver	78	2	ppm	76	0	0	0	0	1	1	0	0	0	0

Table 32a continued
Summary of Residue Data - Non-formula-fed Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	No Quantitation: Not Violative
Clindamycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	200	0	ppm	200	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	200	0	--------	198	0	0	0	0	0	0	0	0	0	2
Swab Pos-Bioassy Neg	Kidney	200	0	--------	200	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	203	0	ppm	203	0	0	0	0	0	0	0	0	0	0
Trenbolone	Liver	174	2	ppb	172	0	0	0	0	0	0	0	0	2	0
Clenbuterol	Liver	128	0	ppb	128	0	0	0	0	0	0	0	0	0	0
Clenbuterol	eyeball	46	0	ppb	46	0	0	0	0	0	0	0	0	0	0
Salbutamol	Liver	128	1	ppb	0	0	0	0	0	0	0	0	0	1	0
Cimaterol	Liver	128	0	ppb	128	0	0	0	0	0	0	0	0	0	0
Salbutamol	eyeball	46	0	ppb	46	0	0	0	0	0	0	0	0	0	0
Cimaterol	eyeball	46	0	ppb	46	0	0	0	0	0	0	0	0	0	0
Ractopamine	Liver	154	0	ppb	154	0	0	0	0	0	0	0	0	0	0
Ractopamine	Muscle	47	0	ppb	47	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	165	0	--------	165	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	165	0	--------	165	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	165	0	--------	165	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	165	0	--------	165	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	165	0	--------	165	0	0	0	0	0	0	0	0	0	0

Table 32a continued
Summary of Residue Data - Non-formula-fed Veal
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Sulfamethiazole	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	165	0	ppm	165	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	173	1	ppb	167	0	0	0	0	0	0	0	6	0	0
Phenylbutazone	Kidney	165	0	ppb	165	0	0	0	0	0	0	0	0	0	0
Doramectin	Liver	173	0	ppb	172	0	0	0	0	0	0	0	1	0	0
Moxidectin	Liver	173	0	ppb	170	0	0	0	0	0	0	0	3	0	0

Table 32b
Summary of Residue Data by Compound Class - Non-formula-fed Veal
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	200	6	3	3.8
Avermectins	173	1	0.6	2.7
Chlorinated Hydrocarbons	203	0	0	1.5
Chlorinated Organophosphates	203	0	0	1.5
beta Agonists	175	1	0.6	2.7
Phenylbutazone	165	0	0	1.8
Sulfonamides	165	0	0	1.8
Ractopamine	201	0	0	1.5
Florfenicol	78	2	2.6	7.8
Trenbolone	174	2	1.1	3.6
Total	1737	12		

Table 33a
Summary of Residue Data - Roaster Pigs
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Penicillin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	241	0	ppm	234	0	0	0	0	0	0	0	0	0	7
Oxytetracycline	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	241	0	ppm	235	1	0	0	1	3	1	0	0	0	0
Unid Micro Inhibitor	Kidney	241	0	--------	235	0	0	0	0	0	0	0	0	0	6
Gentamycin	Kidney	241	0	ppm	240	0	0	0	0	0	0	0	0	0	1
Lincomycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	241	0	ppm	241	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	241	0	--------	205	0	0	0	0	0	0	0	0	0	36
Swab Pos-Bioassy Neg	Kidney	241	0	--------	241	0	0	0	0	0	0	0	0	0	0
Sulfaethoxypridazine	Liver	311	0	--------	311	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	311	0	--------	311	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	311	1	ppm	310	1	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	311	7	ppm	301	3	1	1	1	1	2	1	0	0	0
Sulfachloropyrazine	Liver	311	0	--------	311	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	311	0	--------	311	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	311	0	--------	311	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0

Table 33a continued
Summary of Residue Data - Roaster Pigs
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Sulfadoxine	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	311	0	ppm	311	0	0	0	0	0	0	0	0	0	0

Table 33b
Summary of Residue Data by Compound Class - Roaster Pigs
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	241	0	0	1.2
Sulfonamides	311	8	2.6	4.6
Total	552	8		

Table 34a
Summary of Residue Data - Sows
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Cypermethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Permethrin	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Fenvalerate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Flucythrinate	Fat	314	0	ppm	314	0	0	0	0	0	0	0	0	0	0
Deltamethrin	Fat	314	0	ppm	313	0	0	0	0	1	0	0	0	0	0
Aldrin	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
BHC	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Chlordane	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Dieldrin	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
DDT	Fat	286	0	ppm	279	0	4	0	1	1	1	0	0	0	0
Endrin	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Heptachlor	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Lindane	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Methoxychlor	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Toxaphene	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
PCB	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
HCB	Fat	286	0	ppb	286	0	0	0	0	0	0	0	0	0	0
Mirex	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Strobane	Fat	286	0	--------	286	0	0	0	0	0	0	0	0	0	0
Nonachlor	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Endosulfan I	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Linuron	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Phosalone	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0

Table 34a
Summary of Residue Data - Sows
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Dicofol	Fat	286	0	--------	286	0	0	0	0	0	0	0	0	0	0
Pentachloroanaline	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Halowax	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
PBB	Fat	286	1	ppm	285	0	0	0	0	1	0	0	0	0	0
PBDE	Fat	286	1	ppm	285	0	0	0	0	0	0	0	1	0	0
Penicillin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	300	0	ppm	294	0	0	0	0	0	0	0	0	0	6
Oxytetracycline	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Chlortetracyclin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	300	0	ppm	300	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	300	0	--------	297	0	0	0	0	0	0	0	0	0	3
Swab Pos-Bioassy Neg	Kidney	300	0	--------	300	0	0	0	0	0	0	0	0	0	0
Coumaphos	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Ethion	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Parathion	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Ronnel	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Stirofos	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Famphur	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Carbophenothion	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	286	0	ppm	286	0	0	0	0	0	0	0	0	0	0

Table 34b
Summary of Residue Data by Compound Class - Sows
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	300	0	0	1.0
Chlorinated Hydrocarbons	286	2	.7	2.2
Chlorinated Organophosphates	286	0	0	1.0
Total	872	2		

Table 35a
Summary of Residue Data - Steers
2006 Domestic Monitoring Plan

					Amount Found in Sample									No Quantitation	
Residue	Tissue	Number Samples	Violations	Units	None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	Violative	Not Violative
Sulfaethoxypridazine	Liver	298	0	--------	298	0	0	0	0	0	0	0	0	0	0
Sulfachlorpyridazine	Liver	298	0	--------	298	0	0	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	298	1	ppm	297	0	1	0	0	0	0	0	0	0	0
Sulfachloropyrazine	Liver	298	0	--------	298	0	0	0	0	0	0	0	0	0	0
Sulfamethoxypyridazine	Liver	298	0	--------	298	0	0	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfabromomethazine	Liver	298	0	--------	298	0	0	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Sulfamethaxazole	Liver	298	0	ppm	298	0	0	0	0	0	0	0	0	0	0
Ivermectin	Liver	313	0	ppb	313	0	0	0	0	0	0	0	0	0	0
Phenylbutazone	Kidney	321	0	ppb	321	0	0	0	0	0	0	0	0	0	0
Doramectin	Liver	313	0	ppb	313	0	0	0	0	0	0	0	0	0	0
Moxidectin	Liver	313	0	ppb	313	0	0	0	0	0	0	0	0	0	0

Table 35b
Summary of Residue Data by Compound Class - Steers
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	313	0	0	1.0
Phenylbutazone	321	0	0	.9
Sulfonamides	298	1	.3	1.6
Total	932	1		

Table 36a
Summary of Residue Data - Young Chickens
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Penicillin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	265	0	ppb	265	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Unid Micro Inhibitor	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Gentamycin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	330	0	ppm	330	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Swab Pos-Bioassy Neg	Kidney	330	0	--------	330	0	0	0	0	0	0	0	0	0	0
Arsenic	Liver	349	0	ppm	247	0	2	25	40	31	4	0	0	0	0

Table 36b
Summary of Residue Data by Compound Class - Young Chickens
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	330	0	0	.9
Arsenic	349	0	0	.9
Chloramphenicol	265	0	0	1.1
Total	944	0		

Table 37a
Summary of Residue Data - Young Turkeys
2006 Domestic Monitoring Plan

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample: None	0.01-0.10	0.11-0.20	0.21-0.30	0.31-0.50	0.51-1.00	1.01-2.50	2.51-5.00	Over 5.00	No Quantitation: Violative	Not Violative
Penicillin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Streptomycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	266	0	ppb	266	0	0	0	0	0	0	0	0	0	0
Tetracycline	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Tylosin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Erythromycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Neomycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	326	0	ppm	325	0	0	0	0	0	0	0	1	0	0
Unid Micro Inhibitor	Kidney	326	0	--------	325	0	0	0	0	0	0	0	0	0	1
Gentamycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Lincomycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Clindamycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Tobramycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Kanamycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Hygromycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Amikacin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Aprimycin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Ampicillin	Kidney	326	0	ppm	326	0	0	0	0	0	0	0	0	0	0
Naficillin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Cefazolin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
DCCD	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Dicloxacillin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Desacetyl Cephapirin	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Tetracyclines Recovered	Kidney	326	0	--------	309	0	0	0	0	0	0	0	0	0	17
Swab Pos-Bioassy Neg	Kidney	326	0	--------	326	0	0	0	0	0	0	0	0	0	0
Hydroxyipronidazole	Muscle	337	0	ppb	337	0	0	0	0	0	0	0	0	0	0
Hydroxydimetridazole	Muscle	337	0	ppb	337	0	0	0	0	0	0	0	0	0	0

Table 37b
Summary of Residue Data by Compound Class - Young Turkeys
2006 Domestic Monitoring Plan

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	326	0	0	.9
Chloramphenicol	266	0	0	1.1
Nitroimidazoles	337	0	0	.9
Total	929	0		

SCHEDULED SAMPLING - EXPLORATORY ASSESSMENTS

ENVIRONMENTAL CONTAMINANTS

FSIS conducted an exploratory assessment to survey the prevalence of lead and cadmium in mature chickens. Muscle and kidney samples with cadmium levels less than 10 ppb or lead levels less than 25 ppb are represented by a zero (0) in table 38.

Table 38
Lead and Cadmium
2006 FSIS Exploratory Assessments Results

Cadmium (ppb)									
Muscle	Kidney		Muscle	Kidney		Muscle	Kidney		
0.0	309.0		0.0	342.0		0.0	152.0		
0.0	468.0		0.0	475.0		0.0	625.0		
0.0	591.0		0.0	297.0		0.0	455.0		
0.0	536.0		0.0	282.0		0.0	596.0		
0.0	508.0		0.0	263.0		0.0	523.0		
0.0	407.0		0.0	286.0		0.0	412.0		
0.0	498.0		0.0	342.0		0.0	459.0		
0.0	267.0		0.0	184.0		0.0	172.0		
0.0	224.0		0.0	283.0		0.0	225.0		
0.0	683.0		25.0	178.0		0.0	188.0		
0.0	736.0		0.0	533.0		0.0	490.0		
0.0	616.0		0.0	302.0		0.0	348.0		
0.0	436.0		0.0	956.0		0.0	195.0		
0.0	939.0		0.0	309.0		0.0	394.0		
0.0	905.0		0.0	211.0		0.0	111.0		
0.0	415.0		0.0	330.0		0.0	381.0		
0.0	200.0		0.0	486.0		0.0	222.0		
0.0	412.0		0.0	227.0		0.0	210.0		
0.0	533.0		0.0	32.0		0.0	216.0		
0.0	305.0		0.0	242.0		0.0	632.0		
0.0	257.0		0.0	537.0		0.0	586.0		
0.0	297.0		0.0	241.0		0.0	104.0		
0.0	225.0		0.0	212.0		0.0	200.0		
0.0	494.0		0.0	636.0		0.0	255.0		
0.0	174.0		0.0	462.0		0.0	242.0		
0.0	692.0		0.0	482.0		0.0	0.0		
0.0	214.0		0.0	0.0		0.0	463.0		
0.0	821.0		0.0	674.0		0.0	344.0		
0.0	371.0		13.0	532.0		0.0	244.0		
0.0	347.0		0.0	220.0		0.0	279.0		

Table 38
Lead and Cadmium
2006 FSIS Exploratory Assessments Results

Cadmium (ppb)											
Muscle	Kidney		Muscle	Kidney		Muscle	Kidney		Muscle	Kidney	
0.0	420.0		0.0	542.0		0.0	124.0				
0.0	662.0		0.0	291.0		0.0	188.0				
0.0	468.0		0.0	425.0		0.0	475.0				
0.0	284.0		0.0	218.0		0.0	596.0				
0.0	446.0		0.0	151.0		0.0	355.0				
0.0	374.0		0.0	357.0		0.0	286.0				
0.0	296.0		0.0	313.0		0.0	631.0				
0.0	540.0		0.0	227.0		0.0	284.0				
0.0	234.0		0.0	287.0		0.0	182.0				
0.0	357.0		0.0	917.0		0.0	340.0				
0.0	383.0		0.0	756.0		0.0	583.0				
0.0	314.0		0.0	561.0		0.0	708.0				
0.0	306.0		0.0	357.0		0.0	264.0				
0.0	531.0		0.0	374.0		0.0	694.0				
0.0	646.0		0.0	331.0		0.0	373.0				
0.0	242.0		0.0	216.0		0.0	317.0				
0.0	297.0		0.0	527.0		0.0	440.0				
0.0	703.0		0.0	617.0		0.0	14.0				
0.0	944.0		0.0	542.0		0.0	318.0				
0.0	615.0		0.0	260.0		0.0	509.0				
0.0	140.0		0.0	319.0		0.0	346.0				
0.0	265.0		0.0	446.0		0.0	357.0				
0.0	231.0		0.0	445.0		14.0	124.0				
0.0	375.0		0.0	296.0		0.0	735.0				
0.0	359.0		0.0	545.0		0.0	242.0				
0.0	410.0		0.0	111.0		0.0	116.0				
0.0	206.0		0.0	329.0		0.0	259.0				
0.0	212.0		0.0	916.0		0.0	267.0				
0.0	222.0		0.0	368.0		0.0	112.0				
0.0	155.0		0.0	316.0		0.0	205.0				
0.0	456.0		0.0	192.0		11.0	453.0				
0.0	129.0		11.0	402.0		0.0	366.0				
0.0	253.0		0.0	358.0		0.0	489.0				
0.0	342.0		0.0	337.0		0.0	197.0				
0.0	230.0		0.0	310.0		0.0	412.0				
0.0	425.0		0.0	298.0		0.0	387.0				
0.0	399.0		0.0	489.0		0.0	43.0				
0.0	278.0		0.0	397.0		0.0	335.0				
0.0	241.0		0.0	668.0		0.0	267.0				
0.0	141.0		0.0	695.0		0.0	32.0				
0.0	287.0		0.0	387.0		0.0	949.0				
0.0	165.0		0.0	255.0		0.0	616.0				

Table 38
Lead and Cadmium
2006 FSIS Exploratory Assessments Results

Cadmium (ppb)					
Muscle	Kidney	Muscle	Kidney	Muscle	Kidney
0.0	282.0	0.0	458.0	0.0	221.0
0.0	441.0	0.0	315.0	0.0	169.0
0.0	479.0	0.0	410.0	0.0	164.0
0.0	95.0	0.0	341.0	11.0	509.0
0.0	307.0	0.0	537.0	0.0	0.0
0.0	288.0	0.0	352.0	0.0	420.0
0.0	177.0	0.0	360.0	0.0	228.0
0.0	137.0	0.0	685.0	0.0	191.0
0.0	364.0	11.0	134.0	0.0	169.0
0.0	254.0	0.0	817.0	0.0	136.0
0.0	400.0	0.0	293.0	0.0	206.0
0.0	373.0	0.0	340.0	0.0	242.0
0.0	412.0	0.0	367.0	0.0	198.0
0.0	93.0	0.0	651.0	0.0	99.0
0.0	341.0	0.0	229.0	0.0	161.0
0.0	547.0	0.0	133.0	0.0	399.0
0.0	338.0	0.0	328.0	0.0	668.0
0.0	602.0	0.0	95.0	0.0	756.0
0.0	391.0	0.0	107.0	0.0	109.0
0.0	352.0	0.0	393.0	0.0	244.0
0.0	158.0	0.0	288.0	0.0	819.0
0.0	593.0	0.0	236.0	0.0	129.0
0.0	400.0	0.0	156.0	0.0	301.0
0.0	395.0	0.0	241.0	0.0	225.0
0.0	308.0	0.0	309.0	0.0	46.0
0.0	266.0	0.0	276.0	0.0	233.0
0.0	601.0	0.0	897.0	0.0	485.0
0.0	32.0	0.0	322.0	0.0	187.0
0.0	106.0	0.0	710.0	0.0	341.0
0.0	291.0	0.0	62.0	0.0	188.0
0.0	488.0	0.0	309.0	0.0	247.0
0.0	506.0	0.0	372.0	0.0	362.0
0.0	279.0	0.0	819.0	0.0	83.0
0.0	218.0	0.0	359.0	0.0	292.0
0.0	230.0	0.0	429.0	0.0	141.0
0.0	154.0			0.0	288.0

Table 38
Lead and Cadmium
2006 FSIS Exploratory Assessments Results

Lead (ppb)					
Muscle	Kidney	Muscle	Kidney	Muscle	Kidney
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	41.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	25.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	39.0
0.0	0.0	0.0	0.0	0.0	306.0
0.0	0.0	0.0	27.0	0.0	28.0
0.0	0.0	28.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	73.0
0.0	0.0	144.0	0.0	0.0	29.0
0.0	71.0	0.0	41.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	39.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	41.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	82.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	621.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	34.0	0.0
0.0	0.0	0.0	103.0	43.0	30.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	36.0	0.0	0.0	0.0
0.0	56.0	0.0	0.0	0.0	240.0
0.0	62.0	0.0	29.0	0.0	194.0
0.0	27.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	56.0	359.0	0.0
0.0	0.0	0.0	0.0	0.0	112.0
0.0	63.0	0.0	30.0	39.0	0.0
0.0	33.0	0.0	0.0	0.0	0.0

Table 38
Lead and Cadmium
2006 FSIS Exploratory Assessments Results

Lead (ppb)					
Muscle	Kidney	Muscle	Kidney	Muscle	Kidney
0.0	0.0	0.0	39.0	0.0	45.0
0.0	0.0	*	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	58.0
0.0	0.0	0.0	0.0	0.0	96.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
147.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	44.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	30.0
0.0	0.0	0.0	0.0	0.0	0.0
53.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
38.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	362.0	28.0	0.0	0.0
0.0	65.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	347.0	0.0	0.0	0.0
0.0	0.0	34.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	91.0
0.0	0.0	0.0	0.0	0.0	25.0
0.0	0.0	0.0	0.0	0.0	0.0
30.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	234.0	0.0	29.0
41.0	0.0	0.0	0.0	0.0	57.0
0.0	196.0	0.0	0.0	0.0	132.0
0.0	0.0	0.0	0.0	0.0	318.0
0.0	0.0	0.0	0.0	0.0	29.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	119.0	0.0	56.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	29.0	0.0	0.0	0.0	0.0
27.0	0.0	0.0	0.0	0.0	0.0

Table 38
Lead and Cadmium
2006 FSIS Exploratory Assessments Results

Lead (ppb)					
Muscle	Kidney	Muscle	Kidney	Muscle	Kidney
0.0	164.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	29.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	50.0
0.0	0.0	0.0	34.0	0.0	41.0
0.0	0.0	31.0	34.0	0.0	0.0
0.0	26.0	52.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	25.0	0.0
0.0	0.0	84.0	0.0	0.0	0.0
0.0	0.0	32.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
107.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	96.0	185.0	0.0	0.0	37.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	49.0	0.0	27.0
0.0	0.0	0.0	0.0	0.0	390.0
0.0	0.0	0.0	0.0	0.0	45.0
0.0	0.0	0.0	0.0	0.0	0.0
71.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	* Data not available		0.0	0.0

INSPECTOR GENERATED SAMPLING-SUSPECT ANIMALS

Inspector generated sampling of suspect animals is conducted by in-plant Public Health Veterinarians (PHVs) when it is suspected that an animal may have violative level of chemical residues. Samples collected could be screened in the plant using Fast Antimicrobial Screen test (FAST) or Screen Test On-Premises (STOP). If the PHV does not have FAST or STOP capability, the sample can be sent directly to the FSIS laboratory for testing.

Inspector generated sampling results are presented in two tables for each specific analysis unless there is only one compound tested. The first table (a) states the total number of animals analyzed, the number of violations, and the percent violations for each production class. Since analyses for multiple compounds can be performed on the same sample, one sample (one animal) could have more than one violation. The second table (b) identifies the results for specific compounds that were detected within the compound class.

SAMPLES SCREENED IN-PLANT AND CONFIRMED IN A FSIS LABORATORY

SWAB-TEST ON PREMISES (STOP)

FSIS used STOP to screen 6,654 animals for antibiotic, and sulfonamide residues. FSIS laboratories confirmed 21 violations in 20 animals. There were three (3) gentamicin, four (4) penicillin, one (1) chlortetracycline, one (1) neomycin, three (3) oxytetracyline, one (1) sulfadimethoxine, and eight (8) sulfamethazine residue violations. Table 39a, *Swab Test on Premises*, presents the screening test results by production class. Table 39b, *Specific STOP Violative Residue,* presents specific results for antibiotic, sulfonamide, and non-steroidal anti-inflammatory drug residues.

Table 39a
Swab-Test on Premises
2006 Domestic Inspector Generated Sampling Results

Production Class	Number of samples	Number of animals with violations	Percent violations
Beef cows	84	1	1.2
Bob veal	4	0	0.0
Bovine	3	3	100
Bulls	43	0	0.0
Dairy cows	260	4	1.5
Formula-fed veal	64	0	0.0
Goats	27	0	0.0
Heavy calves	42	0	0.0
Heifers	147	3	2.0
Horses	75	0	0.0
Lambs	258	0	0.0
Market hogs	3,941	3	0.08
Mature sheep	74	0	0.0
Non-formula-fed veal	4	3	75.0
Ostrich	15	0	0.0
Roaster pigs	88	2	2.3
Sows	1,194	0	0.0
Steers	331	1	0.3
Total	**6,654**	**20**	

Table 39b
Specific STOP Violative Residues
2006 Inspector Generated Sampling Results

Production Class	Antibiotic and sulfonamide Compounds							Total
	Chlortetracyline	Gentamycin	Neomycin	Oxytetracycline	Penicillin	Sulfadimethoxine	Sulfamethazine	
Beef cows	0	0	0	1	0	0	0	**1**
Bovine[1]	1	2	0	0	0	0	1	**4**
Dairy cows	0	1	0	0	2	1	0	**4**
Heifers	0	0	1	0	1	0	1	**3**
Market Hogs	0	0	0	0	0	0	3	**3**
Non-formula-fed veal	0	0	0	1	1	0	1	**3**
Roaster swine	0	0	0	0	0	0	2	**2**
Steers	0	0	0	1	0	0	0	**1**
Total	**1**	**3**	**1**	**3**	**4**	**1**	**8**	**21**

[1] Animals with multiple violations

FAST ANTIMICROBIAL SCREEN TEST (FAST)

FSIS used FAST to screen 73,042 animals for antibiotic, and sulfonamide residues. In addition, samples found to be FAST positive for antibiotics or sulfonamides were further analyzed for flunixin, a non-steroidal anti-inflammatory compound. FSIS laboratories confirmed 1,255 violations in 1,159 animals. There were two (2) amikacin, 12 ampicillin, 10 dihydrostreptomycin, 148 gentamicin, one (1) kanamycin, 144 neomycin, 59 oxytetracycline, 422 penicillin, 18 tetracycline, 42 tilmicosin, one (1) tylosin, four (4) sulfadiazine, 180 sulfadimethoxine, 66 sulfamethazine, four (4) sulfamethoxazole, three (3) sulfathiazole, and 139 flunixin residue violations. Table 40a, *Fast Antimicrobial Screen Test*, presents the screening test results by production class. Table 40b, *Specific FAST Violative Residue,* presents specific results for antibiotic, sulfonamide, and flunixin residues.

Table 40a
Fast Antimicrobial Screen Test
2006 Inspector Generated Sampling Results

Production Class	Number of samples	Number of animals with violations	Percent violations
Beef cows [3]	4,915	113	2.3
Boars/stags	1	0	0.0
Bob veal [2, 3]	3,941	148	3.8
Bovine[3]	442	4	0.9
Bulls[3]	553	11	2.0
Dairy cows[3]	57, 486	828	1.4
Formula-fed veal	228	5	2.2
Goats	21	0	0.0
Heavy calves[3]	623	27	4.3
Heifers	1,601	6	0.4
Horses	4	0	0.0
Lambs	61	0	0.0
Market hogs	118	1	0.8
Mature sheep	22	0	0.0
Non-formula-fed veal	92	3	3.3
Roaster pigs	21	0	0.0
Sows	22	0	0.0
Steers[3]	2,891	13	0.4
TOTAL	**73,042**	**1,159**	

[2] The total analyzed includes both testing of a suspect population and testing of suspect animals.

[3] Animals with multiple violations

Table 40b
Specific FAST Violative Residues
2006 Inspector Generated Sampling Results

Production Class	Ami kacin	Ampi cillin	Dihydro strepto mycin	Genta mycin	Kana mycin	Neo mycin	Oxy tetra cycline	Peni cillin	Tetracy cline	Tilmi cosin	Tylo sin	Sulfa diazine	Sulfadi metho xine	Sulfa metha zine	Sulfa metho xazole	Sulfa thia zole	Fluni xin	Totals
Beef Cows[3]	0	2	0	28	0	8	12	36	0	11	0	0	6	16	0	1	5	**125**
Bob veal[3]	0	0	0	9	0	95	14	13	3	1	1	0	7	10	4	0	1	**158**
Bovine	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	1	**5**
Bulls[3]	0	0	0	4	0	1	1	1	0	3	0	0	0	2	0	0	0	**12**
Diary cows[3]	2	10	10	89	1	28	29	359	15	25	0	0	158	30	0	2	130	**888**
Formu la fed-veal[3]	0	0	0	0	0	3	0	1	0	0	0	4	0	0	0	0	0	**8**
Heavy Calves[3]	0	0	0	11	0	7	1	4	0	1	0	0	4	6	0	0	1	**35**
Heifers	0	0	0	3	0	0	1	2	0	0	0	0	0	0	0	0	0	**6**
Market Swine	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	**1**
Non-FFV[4]	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	**3**
Steers[3]	0	0	0	4	0	2	0	4	0	0	0	0	3	0	0	0	1	**14**
Totals	**2**	**12**	**10**	**148**	**1**	**144**	**59**	**422**	**18**	**42**	**1**	**4**	**180**	**66**	**4**	**3**	**139**	**1,255**

[3] Animals with multiple violations, [4] Non-FFV = Non-formula-fed veal

SAMPLES ANALYZED ONLY IN A FSIS LABORATORY

ANTIBIOTICS AND SULFONAMIDES (7-plate bioassay)

FSIS analyzed samples from 80 animals for antibiotics and sulfonamides. FSIS laboratories confirmed 9 violations in 8 animals. There were one (1) gentamycin, four (4) penicillin, one (1) neomycin, one (1) tetracycline, one (1) sulfadimethoxine, and one (1) sulfamethazine residue violations. Table 41a, *Antibiotics and Sulfonamides,* presents testing results by production class. Table 41b, *Specific Antibiotic and Sulfonamide Violative Residues,* presents specific results detected within the class.

Table 41a
Antibiotics and Sulfonamides
2006 Inspector Generated Sampling Results

Production Class	Number of samples	Number of animals with violations	Percent violations
Beef cow[5]	22	1	4.5
Boar/Stag	6	0	0.0
Bob veal	4	2	50.0
Bull	8	0	0.0
Dairy cow	12	2	16.7
Heifer	4	2	50.0
Lamb	4	0	0.0
Market hog	12	0	0.0
Steer	3	0	0.0
Young chicken	2	0	0.0
Young turkey	3	1	33.3
Total	**80**	**8**	

[5] Animals with multiple violations

Table 41b
Specific Antibiotic and Sulfonamide Violative Residues
2006 Inspector Generated Sampling Results

Production Class	Antibiotic and Sulfonamide Compounds						Total
	Genta mycin	Neo mycin	Peni cillin	Tetra cycline	Sulfadi methoxine	Sulfame thazine	
Beef cow	0	0	1	0	0	1	**2**
Bob veal	0	1	1	0	0	0	**2**
Dairy cow	1	0	0	1	0	0	**2**
Heifer	0	0	2	0	0	0	**2**
Young turkey	0	0	0	0	1	0	**1**
Total	**1**	**1**	**4**	**1**	**1**	**1**	**9**

AVERMECTINS

Analyses were conducted in one (1) goat and one (1) formula-fed veal samples and no violations were found.

CHLORAMPHENICOL

Analysis was conducted in one (1) formula-fed veal sample and no violation was found.

CHLORINATED HYDROCARBONS/ CHLORINATED ORGANOPHOSPHATES

Analyses were conducted in one (1) steer samples and no violation was found.

beta-AGONISTS (clenbuterol, cimaterol, and salbutamol)

Analyses were conducted in two (2) bovine, three (3) heifer, 11 steer, 23 formula-fed veal, 10 lamb, and nine (9) market hog samples and no violations were found.

beta-AGONISTS (ractopamine)

Analyses were conducted in three (3) beef cow, 13 formula-fed veal, and one (1) market hog samples and no violations were found.

FLORFENICOL

Analysis was conducted in one (1) formula-fed veal sample and no violation was found.

FLUNIXIN

Analyses were conducted in one (1) dairy cow, 13 formula-fed veal, and one (1) steer sample and no violations were found.

MELENGESTROL ACETATE

Analyses were conducted in 13 formula-fed veal and no violations were found.

NITROIMIDAZOLES

Analysis was conducted in one (1) formula-fed veal sample and no violation was found.

PHENYLBUTAZONE

Analyses were conducted in 13 formula-fed veal and no violations were found.

SULFONAMIDES

Analyses were conducted in one (1) formula-fed veal, nine (9) young turkey samples. Two (2) sulfadimethoxine violations were found in young turkeys.

THYREOSTATS

Analysis was conducted in one (1) formula-fed veal sample and no violation was found.

INSPECTOR GENERATED SAMPLING – SUSPECT POPULATIONS

FSIS conducted testing of suspect populations for sulfonamides in market hogs; sulfonamides and antibiotics in bob veal; and antibiotics, sulfonamides, *beta*-agonists, ractopamine, and flunixin in show animals.

FAST ANTIMICROBIAL SCREEN TEST (FAST) ON BOB VEAL

The FAST was used to screen 3,941 veal for antibiotics and sulfonamides. The total bob veal tested included both testing of a suspect population and testing of suspect animals. Of the animals tested, FSIS laboratory confirmed 158 violations in 148 animals. The residue violations consisted of nine (9) gentamycin, 95 neomycin, 14 oxytetracycline, 13 penicillin, three (3) tetracycline, one (1) tilmicosin, one (1) tylosin, seven (7) sulfadimethoxine, 10 sulfamethazine , four (4) sulfamethoxazole, one (1) flunixin.

SHOW ANIMALS

FSIS conducted analyses for *clenbuterol, salbutamol, and cimaterol (beta-Agonists)* on two (2) bovine, 11 steers, three (3) heifers, 10 lambs, nine (9) market hogs, and no violations were found. No violations were found in nine (9) market hogs tested for antibiotics and sulfonamides and (1) market hog tested for ractopamine.

IMPORT REINSPECTION RESULTS

NORMAL

Table 42, *Normal Reinspection Results*, presents results for imported products subject to normal reinspection. The data includes the number of reported results, non-detects, non-violative positives, and violations found for each compound class tested.

Table 42
Normal Reinspection Results
2006 Import Residue Plan

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
Argentina							
	Beef Fresh	Sulfonamides	1	1	0	0	
	Total		**1**	**1**	**0**	**0**	
	Beef Processed	Arsenic	7	7	0	0	
		Avermectins	26	24	0	1	Doramectin
						1	Ivermectin
		Chlorinated HCs	3	3	0	0	
		Chlorinated OPs	3	3	0	0	
		Phenylbutazone	2	2	0	0	
		Sulfonamides	5	5	0	0	
	Total		**46**	**44**	**0**	**2**	
	Pork Fresh	Arsenic	2	2	0	0	
		Avermectins	2	2	0	0	
	Total		**4**	**4**	**0**	**0**	
	Veal Fresh	Arsenic	1	1	0	0	
		Avermectins	2	2	0	0	
		Chloramphenicol	2	2	0	0	
		Sulfonamides	1	1	0	0	
	Total		**6**	**6**	**0**	**0**	
Australia							
	Beef Fresh	Antibiotics	96	96	0	0	
		Avermectins	87	87	0	0	
		Chloramphenicol	22	22	0	0	
		Chlorinated HCs	70	70	0	0	
		Chlorinated OPs	70	70	0	0	
		Phenylbutazone	9	9	0	0	
		Sulfonamides	96	96	0	0	
		Zeranol	1	1	0	0	
	Total		**451**	**451**	**0**	**0**	
	Goat Fresh	Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	2	2	0	0	
	Total		**4**	**4**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
Australia *continued*	Beef Processed	Avermectins	3	3	0	0	
		Sulfonamides	1	1	0	0	
	Total		**4**	**4**	**0**	**0**	
	Goat Fresh	Arsenic	9	9	0	0	
		Avermectins	8	8	0	0	
		Chlorinated HCs	5	5	0	0	
		Chlorinated OPs	5	5	0	0	
		Ractopamine	1	1	0	0	
	Total		**28**	**28**	**0**	**0**	
	Pork Fresh	Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**3**	**3**	**0**	**0**	
	Veal Fresh	Antibiotics	21	21	0	0	
		Chloramphenicol	24	24	0	0	
		Zeranol	20	20	0	0	
		Ractopamine	22	22	0	0	
		Sulfonamides	25	25	0	0	
		Avermectins	23	23	0	0	
	Total		**135**	**135**	**0**	**0**	
Brazil	Beef Fresh	Avermectins	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**2**	**2**	**0**	**0**	
	Beef Processed	Arsenic	2	2	0	0	
		Avermectins	60	60	0	0	
		Chlorinated HCs	39	39	0	0	
		Chlorinated OPs	39	39	0	0	
		Phenylbutazone	18	18	0	0	
		Sulfonamides	56	56	0	0	
	Total		**214**	**214**	**0**	**0**	
	Pork Fresh	Arsenic	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**2**	**2**	**0**	**0**	
Canada	Beef Fresh	Antibiotics	84	84	0	0	
		Arsenic	4	4	0	0	
		Avermectins	77	77	0	0	
		Chloramphenicol	54	54	0	0	
		Chlorinated HCs	196	196	0	0	
		Chlorinated OPs	196	196	0	0	
		Phenylbutazone	5	5	0	0	
		Sulfonamides	87	87	0	0	
		Thyreostats	4	4	0	0	
	Total		**707**	**707**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
Canada *continued*	Beef Processed	Arsenic	1	1	0	0	
		Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
		Sulfonamides	1	1	0	0	
		Thyreostats	1	1	0	0	
	Total		**5**	**5**	**0**	**0**	
	Chicken Fresh	Antibiotics	9	9	0	0	
		Arsenic	7	7	0	0	
		Chloramphenicol	8	8	0	0	
		Chlorinated HCs	8	8	0	0	
		Chlorinated OPs	8	8	0	0	
	Total		**40**	**40**	**0**	**0**	
	Combination	Antibiotics	1	1	0	0	
	Total		**1**	**1**	**0**	**0**	
	Pork Fresh	Antibiotics	137	136	1	0	
		Arsenic	179	179	0	0	
		Avermectins	1	1	0	0	
		Chloramphenicol	2	2	0	0	
		Chlorinated HCs	113	113	0	0	
		Chlorinated OPs	113	113	0	0	
		Nitroimidazoles	4	4	0	0	
		Phenylbutazone	16	16	0	0	
		Sulfonamides	219	219	0	0	
		Thyreostats	220	220	0	0	
		Zeranol	1	1	0	0	
	Total		**1,005**	**1,004**	**1**	**0**	
	Turkey Fresh	Antibiotics	8	8	0	0	
		Arsenic	12	12	0	0	
		Chloramphenicol	13	13	0	0	
		Chlorinated HCs	6	6	0	0	
		Chlorinated OPs	6	6	0	0	
		Nitroimidazoles	11	11	0	0	
		Sulfonamides	13	12	1	0	
	Total		**69**	**68**	**1**	**0**	
	Veal Fresh	Antibiotics	59	59	0	0	
		Arsenic	2	2	0	0	
		Avermectins	35	35	0	0	
		Chloramphenicol	35	35	0	0	
		Nitroimidazoles	1	1	0	0	
		Ractopamine	40	40	0	0	
		Sulfonamides	35	35	0	0	
		Thyreostats	1	1	0	0	
		Zeranol	51	51	0	0	
	Total		**259**	**259**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
Croatia							
	Beef Fresh	Avermectins	2	2	0	0	
	Total		**2**	**2**	**0**	**0**	
	Pork Processed	Arsenic	6	6	0	0	
		Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	1	1	0	0	
		Sulfonamides	6	6	0	0	
	Total		**15**	**15**	**0**	**0**	
Costa Rica							
	Beef Fresh	Antibiotics	8	8	0	0	
		Arsenic	1	1	0	0	
		Avermectins	56	54	1	1	Ivermectin
		Chloramphenicol	9	9	0	0	
		Chlorinated HCs	5	5	0	0	
		Chlorinated OPs	5	5	0	0	
		Sulfonamides	9	9	0	0	
	Total		**93**	**91**	**1**	**1**	
Denmark							
	Pork Fresh	Antibiotics	16	16	0	0	
		Arsenic	9	9	0	0	
		Avermectins	1	1	0	0	
		Chlorinated HCs	8	8	0	0	
		Chlorinated OPs	7	7	0	0	
		Phenylbutazone	1	1	0	0	
		Sulfonamides	22	22	0	0	
		Thyreostats	18	18	0	0	
	Total		**82**	**82**	**0**	**0**	
El Salvador							
	Beef Processed	Avermectins	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**2**	**2**	**0**	**0**	
	Pork Fresh	Arsenic	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**2**	**2**	**0**	**0**	
Finland							
	Pork Fresh	Antibiotics	7	7	0	0	
		Arsenic	6	6	0	0	
		Avermectins	1	1	0	0	
		Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	2	2	0	0	
		Sulfonamides	6	6	0	0	
		Thyreostats	8	8	0	0	
	Total		**32**	**32**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
France							
	Pork Processed	Arsenic	4	4	0	0	
		Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
		Sulfonamides	4	4	0	0	
	Total		**10**	**10**	**0**	**0**	
Germany							
	Pork Processed	Arsenic	10	10	0	0	
		Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	2	2	0	0	
		Sulfonamides	10	10	0	0	
	Total		**24**	**24**	**0**	**0**	
Great Britain	Pork Fresh	Arsenic	1	1	0	0	
		Sulfonamides	1	1	0	0	
		Thyreostats	1	1	0	0	
	Total		**3**	**3**	**0**	**0**	
Honduras							
	Beef Fresh	Antibiotics	2	2	0	0	
		Avermectins	2	1	0	1	Ivermectin
		Chloramphenicol	2	2	0	0	
		Sulfonamides	2	2	0	0	
	Total		**8**	**7**	**0**	**1**	
Hungary							
	Pork Processed	Arsenic	4	4	0	0	
		Sulfonamides	4	4	0	0	
	Total		**8**	**8**	**0**	**0**	
Ireland							
	Pork Fresh	Antibiotics	8	8	0	0	
		Arsenic	5	5	0	0	
		Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	2	2	0	0	
		Sulfonamides	7	7	0	0	
		Thyreostats	7	7	0	0	
	Total		**31**	**31**	**0**	**0**	
Israel							
	Chicken	Arsenic	1	1	0	0	
	Total		**1**	**1**	**0**	**0**	
	Turkey	Arsenic	4	4	0	0	
		Nitroimidazoles	8	8	0	0	
		Sulfonamides	8	8	0	0	
	Total		**20**	**20**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
Italy							
	Pork Processed	Arsenic	7	7	0	0	
		Chlorinated HCs	7	7	0	0	
		Chlorinated OPs	7	7	0	0	
		Sulfonamides	7	7	0	0	
	Total		**28**	**28**	**0**	**0**	
Mexico							
	Beef Fresh	Antibiotics	8	8	0	0	
		Avermectins	8	8	0	0	
		Chloramphenicol	8	8	0	0	
		Chlorinated HCs	7	7	0	0	
		Chlorinated OPs	7	7	0	0	
		Phenylbutazone	1	1	0	0	
		Sulfonamides	8	8	0	0	
	Total		**47**	**47**	**0**	**0**	
	Chicken	Arsenic	8	8	0	0	
	Total		**8**	**8**	**0**	**0**	
	Goat Fresh	Arsenic	9	9	0	0	
		Avermectins	8	8	0	0	
		Nitroimidazoles	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**19**	**19**	**0**	**0**	
	Pork Fresh	Antibiotics	6	6	0	0	
		Arsenic	7	7	0	0	
		Sulfonamides	7	7	0	0	
		Thyreostats	6	6	0	0	
	Total		**26**	**26**	**0**	**0**	
	Turkey	Arsenic	7	7	0	0	
		Sulfonamides	7	7	0	0	
		Nitroimidazoles	10	10	0	0	
	Total		**24**	**24**	**0**	**0**	
Netherlands							
	Pork Fresh	Antibiotics	8	8	0	0	
		Arsenic	8	8	0	0	
		Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	1	1	0	0	
		Sulfonamides	8	8	0	0	
		Thyreostats	9	9	0	0	
	Total		**36**	**36**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations	Specific Residues
New Zealand							
	Beef Fresh	Antibiotics	43	42	1	0	
		Avermectins	45	45	0	0	
		Chloramphenicol	19	19	0	0	
		Chlorinated HCs	24	24	0	0	
		Chlorinated OPs	24	24	0	0	
		Phenylbutazone	24	24	0	0	
		Sulfonamides	45	45	0	0	
	Total		**224**	**223**	**1**	**0**	
	Goat Fresh	Arsenic	7	7	0	0	
		Avermectins	7	7	0	0	
		Chlorinated HCs	2	2	0	0	
		Chlorinated OPs	2	2	0	0	
	Total		**18**	**18**	**0**	**0**	
	Lamb Fresh	Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
		Phenylbutazone	1	1	0	0	
	Total		**3**	**3**	**0**	**0**	
	Veal Fresh	Antibiotics	39	39	0	0	
		Avermectins	39	39	0	0	
		Chloramphenicol	37	37	0	0	
		Ractopamine	40	40	0	0	
		Sulfonamides	39	39	0	0	
		Zeranol	39	39	0	0	
	Total		**233**	**233**	**0**	**0**	
Nicaragua							
	Beef Fresh	Antibiotics	7	7	0	0	
		Avermectins	7	7	0	0	
		Chloramphenicol	6	6	0	0	
		Chlorinated HCs	6	6	0	0	
		Chlorinated OPs	6	6	0	0	
		Sulfonamides	7	7	0	0	
	Total		**39**	**39**	**0**	**0**	
	Pork Fresh	Chlorinated OPs	1	1	0	0	
	Total		**1**	**1**	**0**	**0**	
Northern Ireland	Pork Fresh	Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
	Total		**2**	**2**	**0**	**0**	
Norway							
	Beef Fresh	Avermectins	1	1	0	0	
		Chloramphenicol	1	1	0	0	
		Sulfonamides	1	1	0	0	
	Total		**3**	**3**	**0**	**0**	

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects[c]	Number Non-Violative Positives	Number Violations	Specific Residues
Poland							
	Beef Fresh	Avermectins	1	1	0	0	
	Total		**1**	**1**	**0**	**0**	
	Pork Processed	Arsenic	11	11	0	0	
		Chlorinated HCs	7	7	0	0	
		Chlorinated OPs	7	7	0	0	
		Sulfonamides	9	9	0	0	
	Total		**34**	**34**	**0**	**0**	
Spain							
	Pork Processed	Arsenic	8	8	0	0	
		Chlorinated HCs	10	8	2	0	
		Chlorinated OPs	10	10	0	0	
		Sulfonamides	8	8	0	0	
	Total		**36**	**34**	**2**	**0**	
Sweden							
	Pork Fresh	Antibiotics	1	1	0	0	
		Arsenic	3	3	0	0	
		Thyreostats	2	2	0	0	
		Sulfonamides	2	2	0	0	
	Total		**8**	**8**	**0**	**0**	
Uruguay							
	Beef Fresh	Antibiotics	30	30	0	0	
		Avermectins	28	28	0	0	
		Chloramphenicol	7	7	0	0	
		Chlorinated HCs	26	26	0	0	
		Chlorinated OPs	26	26	0	0	
		Phenylbutazone	2	2	0	0	
		Sulfonamides	28	28	0	0	
	Total		**147**	**147**	**0**	**0**	
Yugoslavia							
	Pork Processed	Chlorinated OPs	1	1	0	0	
	Total		**1**	**1**	**0**	**0**	

INTENSIFIED

Table 43, *Intensified Reinspection Results*, presents results for import products subject to intensified reinspection. The data includes the number of reported results, non-detects, non-violative positives, and violations found for each compound class tested by product class.

Table 43
Intensified Reinspection Results
2006 Import Residue Plan

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations
Argentina						
	Beef Fresh	Avermectins	1	1	0	0
	Total		**1**	**1**	**0**	**0**
	Beef Processed	Avermectins	20	20	0	0
		Sulfonamides	18	18	0	0
	Total		**38**	**38**	**0**	**0**
Brazil						
	Beef Processed	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
	Total		**2**	**2**	**0**	**0**
Croatia						
	Pork Processed	Chlorinated HCs	2	2	0	0
		Chlorinated OPs	2	2	0	0
	Total		**4**	**4**	**0**	**0**
Costa Rica						
	Beef Fresh	Avermectins	12	12	0	0
		Chloramphenicol	1	1	0	0
		Sulfonamides	1	1	0	0
	Total		**14**	**14**	**0**	**0**
Denmark						
	Pork Fresh	Chlorinated OPs	1	1	0	0
	Total		**1**	**1**	**0**	**0**
Finland						
	Pork Fresh	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
	Total		**2**	**2**	**0**	**0**

Country	Product Class	Compound Class	Number Reported Results	Number Non Detects	Number Non-Violative Positives	Number Violations
New Zealand	Goat Fresh	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
	Total		**2**	**2**	**0**	**0**
Sweden	Pork Fresh	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
	Total		**2**	**2**	**0**	**0**

APPENDIX I

Table AI
Analytical Methods
2006 National Residue Program

Compound Class	*Compound*	*Analytical Method*			*Minimum Proficiency Level* [a]		
		Screen	*Determinative (quantitative)*	*Confirmatory (identification)*	*Screen*	*Determinative (quantitative)*	*Confirmatory*[b] *(identification)*
Antibiotics	Carbadox		GC-ECD	TBD		15 ppb	TBD
	Chloramphenicol	ELISA	GC-ECD	GC-MS	0.25 ppb (M)	0.25 ppb (M)	0.30 ppb (M)
	Florfenicol		HPLC	GC/SIM-MS		0.3 ppm (L) 0.2 ppm (M)	0.5 ppm (L) 0.3 ppm (M)
Antibiotics : *beta*-Lactams	Amoxicillin	7-Plate Bioassay	Bioassay	HPLC/MS-MS		TBD	TBD
	Ampicillin					0.01 ppm	10 ppb
	Cefazolin					0.02 ppm	50 ppb
	Cloxacillin					TBD	TBD
	Desacetyl cephapirin					0.1 ppm	100 ppb
	Desfuroylceftiofur cysteine disulfide (DCCD)					0.05 ppm	50 ppb
	Dicloxacillin					0.05 ppm	50 ppb
	Nafcillin						20 ppb
	Penicillin-G					0.05 ppm	50 ppb
	Oxacillin					TBD	TBD
Antibiotics : Tetracyclines	Chlortetracycline	7-Plate Bioassay	Bioassay	HPLC	0.01 ppm	0.05 ppm	0.5 ppm
	Oxytetracycline				0.5 ppm	0.40 ppm	
	Tetracycline						
Antibiotics: Macrolides	Clindamycin	7-Plate Bioassay		HPLC/MS-MS			0.1 ppm
	Erythromycin		Bioassay			0.05 ppm	0.1 ppm
	Lincomycin						0.1 ppm
	Pirlimycin						0.1 ppm
	Tilmicosin		HPLC- Ion Pairing			300 ppb (M) 600 ppb (L,K)	0.1 ppm
	Tylosin		Bioassay			0.2 ppm	0.1 ppm

Table AI – *continued*
Analytical Methods
2006 National Residue Program

Compound Class	*Compound*	*Analytical Method*			*Minimum Proficiency Level* [a]		
		Screen	*Determinative (quantitative)*	*Confirmatory (identification)*	*Screen*	*Determinative (quantitative)*	*Confirmatory*[b] *(identification)*
Antibiotics: Aminoglycosides	Amikacin	7-Plate Bioassay		HPLC/MS-MS			1.0 ppm (L,K), 0.4 ppm (M)
	Apramycin						0.4 ppm (K) 0.1 ppm (L,M)
	Dihydrostreptomycin		Bioassay			0.5 ppm	0.4 ppm (L,K,M)
	Gentamicin		Bioassay			0.15 ppm	0.1 ppm (K,M), 0.4 (L)
	Hygromycin						1.0 ppm (L,K) 0.4 ppm (M)
	Kanamycin						4.0 ppm(L), 2.0 ppm (K), 0.4 ppm (M)
	Neomycin		Bioassay			0.25 ppm	0.1ppm (K,M), 0.4 (L)
	Spectinomycin					10.0 ppm	1.0 ppm (L) 0.4 ppm (K) 0.25 ppm (M)
	Streptomycin		Bioassay			0.1 ppm	0.4 ppm (L,K,M)
	Tobramycin						1.0 ppm (L) 0.1 ppm (K,M)
Arsenicals	Arsenicals		AAS	AAS		0.2 ppm	0.2 ppm
Avermectins	Ivermectin		HPLC	HPLC/APCI-MS		7.5 ppb	25 ppb
	Doramectin						
	Moxidectin						
beta -Agonists	Cimaterol	ELISA			6 ppb		
	Clenbuterol	ELISA		LC/MS-MS	3 ppb		TBD
	Ractopamine		HPLC	LC/MS		1 ppb (M), 25 ppb (L)	1 ppb
	Salbutamol	ELISA			3 ppb		
Heavy metals	Cadmium			ICP/MS			10 ppb
	Lead			ICP/MS			25 ppb
Hormones, synthetic	Diethylstilbesterol (DES)		GC-MS	GC-MS		0.5 ppb	0.5 ppb (L,M)
	Zeranol	ELISA	GC-MS	GC-MS	0.5 ppb	1.0 ppb	1.0 ppb (L,M)
	alpha-Trenbolone	ELISA		GC/MS-MS	5.0 ppb		5.0 ppb (L)
	beta-Trenbolone			GC/MS-MS			5.0 ppb (M)
Nitrofurans	Furazolidone	ELISA		LC/MS-MS	1.0 ppb		1.0 ppb (L)
	Furaltadone	ELISA		LC/MS-MS	1.0 ppb		1.0 ppb (L)

Table AI – *continued*
Analytical Methods
2006 National Residue Program

Compound Class	*Compound*	*Analytical Method*			*Minimum Proficiency Level* [a]		
		Screen	*Determinative (quantitative)*	*Confirmatory (identification)*	*Screen*	*Determinative (quantitative)*	*Confirmatory*[b] *(identification)*
Nitroimi-dazoles	Hydoxydimetridazole		HPLC	HPLC/MS/MS		1 ppb	1 ppb
	Hydroxyipronidazole		HPLC	HPLC/MS/MS		1 ppb	1 ppb
Nonsteroidal Anti-inflammatory Drugs (NSAIDs)	Dipyrones[c]	HPLC	HPLC		0.2 ppm	0.2 ppm	
	Flunixin	ELISA	HPLC	HPLC/ESI-MS-MS	50 ppb	62.5 ppb	125 ppb
	Phenylbutazone	ELISA		HPLC/ESI-MS-MS	50 ppb		50 ppb
Anabolic Steroids	Melengesterol Acetate (MGA)	ELISA	GC/ECD	HPLC/APCI-MS	5 ppb	10 ppb	12.5 ppb
Sulfonamides	Sulfapyridine		TLC	GC/ESI-MS		0.05 ppm	0.1 ppm
	Sulfadiazine						
	Sulfathiazole						
	Sulfamerazine						
	Sulfamethazine						
	Sulfachloropyridazine						
	Sulfamethoxypryridazine						
	Sulfaquinoxaline						
	Sulfadimethoxine						
	Sulfaethoxypyridazine						
	Sulfaphenazole						
	Sulfatroxazole						
	Sulfisoxazole						
	Sulfadoxine						
Thyreostats	2-Mercaptobenzimidazole			HPLC/MS-MS			25 ppb
	6-Methyl-2-thiouracil						

Table AI – *continued*
Analytical Methods
2006 National Residue Program

Compound Class	*Compound*	*Analytical Method*			*Minimum Proficiency Level* [a]		
		Screen	*Determinative (quantitative)*	*Confirmatory (identification)*	*Screen*	*Determinative (quantitative)*	*Confirmatory*[b] *(identification)*
Thyreostats (continued)	2-Mercapto-1-methylimidazole			HPLC/MS-MS			25 ppb
	6-Phenyl-2-thiouracil						
	6-Propyl-2-thiouracil						
	2-Thiouracil						
CHCs/COPs/PCBs	Aldrin		GPC with GC-EC	GC-MS		0.10 ppm	
	alpha-BHC					0.10 ppm	0.01 ppm
	Captan					0.04 ppm	
	Carbophenothion					0.06 ppm	
	Chlorfenvinphos					0.05 ppm	
	Chlorpyrifos					0.10 ppm	
	cis-chlordane					0.30 ppm	
	Coumaphos-O					0.20 ppm	
	Coumaphos-S					0.20 ppm	
	Dieldrin					0.10 ppm	0.01 ppm
	Endosulfan I					0.02 ppm	
	Endosulfan II					0.04 ppm	
	Endosulfan sulfate					0.1 ppm	0.2 ppm
	Endrin					0.10 ppm	0.03 ppm
	HCB					0.10 ppm	0.01 ppm
	Heptachlor epoxide					0.10 ppm	0.10 ppm
	Heptachlor					0.10 ppm	0.01 ppm
	Kepone					0.06 ppm	
	Lindane					0.10 ppm	0.01 ppm
	Linuron					0.50 ppm	

Table AI – *continued*
Analytical Methods
2006 National Residue Program

Compound Class	*Compound*	*Analytical Method*			*Minimum Proficiency Level* [a]		
		Screen	*Determinative (quantitative)*	*Confirmatory (identification)*	*Screen*	*Determinative (quantitative)*	*Confirmatory*[b] *(identification)*
CHCs/COPs/PCBs (continued)	Methoxychlor		GPC with GC-EC	GC-MS		0.50 ppm	0.15 ppm
	Mirex					0.10 ppm	
	Nonachlor					0.15 ppm	
	o,p'-TDE					0.15 ppm	
	Oxychlordane					0.04 ppm	0.1 ppm
	p,p'-DDE					0.10 ppm	0.02 ppm
	p,p'-DDT					0.15 ppm	0.04 ppm
	p,p'-TDE					0.15 ppm	0.04 ppm
	PCB 1260					0.50 ppm	
	PCB 1254					0.50 ppm	
	PCB 1242					0.50 ppm	
	PCB 1248					0.50 ppm	
	Phosalone					0.02 ppm	
	Ronnel					0.03 ppm	
	Stirofos					0.06 ppm	
	Toxaphene					1.00 ppm	
	trans-chlordane					0.30 ppm	

a. Minimum Proficiency Level: The minimum concentration of a residue at which an analytical result will be used to assess a laboratory's quantification capability. This concentration is an estimate of the smallest concentration for which the average coefficient of variation (CV) for reproducibility (i.e., combined within and between laboratory variability) does not exceed 20 percent (9 CFR 318.21).
b. The presence of banned compounds and compounds at violative levels are confirmed using confirmatory methodology
c. 4-methylaminoantipyrine, 4-formylaminoantipyrine, and 4-aminoantipyrine

Table AI – *continued*
Analytical Methods
2006 National Residue Program

Key:

AA = Atomic Absorption Spectroscopy
APCI = Atmospheric Pressure Chemical Ionization
CHCs = Chlorinated hydrocarbons
COPs = Chlorinated organophosphates
ECD = Electron Capture Detection
ELISA = Enzyme Linked Immunosorbent Assay
GC = Gas Chromatoraphy
GPC = Gel Permeation Chromatography
HPLC = High performance liquid chromatography
ICP = Inductively Coupled Plasma
K = Kidney
L = Liver
M = Muscle
Method detection limit = The lowest quantity of residue (or sample component) that can be reliably observed or found in the sample matrix by the analytical methodology used.
MS = Mass Spectroscopy
NA = not applicable
PCBs = Polychlorinated biphenyls
ppb = parts per billion
ppm = parts per million
SIM = selected ion mode
TBD = To be determined
TLC = Thin Layer Chromatography

APPENDIX II

APPENDIX II

STATISTICAL TABLE

Table AIV, *Statistical Table,* indicates the number of samples required to ensure detection of a violation that affects a given percentage of the sampled population.

Table AIV
Statistical Table

Percentage Violative in Sampled Population	**Probability of Detection (Percent)**			
	90	95	99	99.9
	Samples Required			
10	22	29	44	66
5	45	59	90	135
1	230	299	459	688
0.5	460	598	919	1,379
0.1	2,302	2,995	4,603	6,905
0.05	4,605	5,990	9,209	13,813

APPENDIX III

SUMMARY of SCHEDULED SAMPLING DATA FROM 2003 to 2005

Antibiotics (7-plate bioassay)

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific antibiotic violations	Number of Analyses	Number of violations	Specific antibiotic violations	Number of Analyses	Number of violations	Specific antibiotic violations
Beef cows	345	0	----------	323	0	----------	314	0	----------
Bison	----------	----------	----------	----------	----------	----------	11	0	----------
Boars/Stags	----------	----------	----------	245	1	1 gentamicin	275	0	----------
Bob veal	303	24	22 neomycin, 1 gentamicin, 1 penicillin	377	17	1 penicillin, 1 tilmicosin, 15 neomycin	285	17	16 neomycin, 1 gentamicin
Bulls	----------	----------	----------	----------	----------	----------	241	0	----------
Dairy cows	293	0	----------	439	3	3 penicillin	211	2	1 penicillin, 1 gentamicin
Ducks	----------	----------	----------	----------	----------	----------	247	0	----------
Formula-fed veal	102	1	1 neomycin	111	8	1 penicillin, 7 neomycin	321	4	4 neomycin
Geese	----------	----------	----------	----------	----------	----------	13	0	----------
Goats	----------	----------	----------	----------	----------	----------	230	0	----------
Heavy calves	211	1	1 gentamicin	141	2	1 tilmicosin, 1 gentamicin	252	2	1 neomycin, 1 gentamicin
Heifers	445	0	----------	469	1	1 gentamicin	317	0	----------
Horses	76	0	----------	----------	----------	----------	193	0	----------

Antibiotics, ***continuation***

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific antibiotic violations	Number of Analyses	Number of violations	Specific antibiotic violations	Number of Analyses	Number of violations	Specific antibiotic violations
Lambs	----------	----------	----------	222	0	----------	290	0	----------
Market hogs	233	0	----------	948	0	----------	299	0	----------
Mature chickens	----------	----------	----------	278	0	----------	231	0	----------
Mature sheep	----------	----------	----------	----------	----------	----------	183	0	----------
Mature turkeys	----------	----------	----------	----------	----------	----------	210	0	----------
Non-formula-fed veal	133	5	3 neomycin, 2 gentamicin	97	3	1 tilmicosin, 2 neomycin	160	9	9 neomycin
Rabbits	----------	----------	----------	----------	----------	----------	54	1	1 penicillin
Ratites	----------	----------	----------	----------	----------	----------	13	0	----------
Roaster pigs	----------	----------	----------	----------	----------	----------	18	0	----------
Sows	229	0	----------	256	2	1 penicillin, 1 gentamicin	298	1	1 penicillin
Squab	----------	----------	----------	----------	----------	----------	21	0	----------
Steers	----------	----------	----------	----------	----------	----------	306	0	----------
Young chickens	----------	----------	----------	364	1	1 neomycin	297	0	----------
Young turkeys	----------	----------	----------	----------	----------	----------	318	0	----------

Arsenic

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Beef cows	------	--------	------	--------	336	0
Boars/Stags	------	--------	------	--------	113	0
Ducks	------	--------	------	--------	336	1
Egg products	25	0	301	0	343	0
Geese	------	--------	------	--------	13	0
Goats	------	--------	68	0	223	0
Market hogs	------	--------	------	--------	303	0
Mature chickens	------	--------	------	--------	202	0
Mature turkeys	------	--------	------	--------	97	1
Roaster pigs	------	--------	------	--------	18	0
Sows	------	--------	------	--------	252	0
Young chickens	------	--------	547	0	1087	0
Young turkeys	------	--------	377	0	502	0

Avermectins

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific avermectins violations	Number of Analyses	Number of violations	Specific avermectins violations	Number of Analyses	Number of violations	Specific avermectins violations
Beef cows	-------	------	----------	285	0	----------	341	0	----------
Bison	-------	------	----------	-------	------	----------	5	0	----------
Boars/Stags	-------	------	----------	-------	------	----------	134	0	----------
Bob veal	-------	------	----------	-------	------	----------	105	0	----------
Bulls	316	1	1 ivermectin	277	2	2 ivermectin	309	0	----------
Dairy cows	-------	------	----------	-------	------	----------	189	0	----------
Formula-fed veal	-------	------	----------	-------	------	----------	108	0	----------
Goats	180	4	4 moxidectin	232	12	1 ivermectin, 11 moxidectin	307	5	5 moxidectin
Heavy calves	200	3	3 ivermectin	-------	------	----------	230	1	1 ivermectin
Heifers	-------	------	----------	-------	------	----------	306	0	----------
Horses	76	0	----------	-------	------	----------	149	0	----------
Lambs	160	1	1 moxidectin	-------	------	----------	217	2	1 doramectin, 1 moxidectin
Market hogs	-------	------	----------	-------	------	----------	302	0	----------
Mature sheep	51	0	----------	74	1	1 doramectin	97	0	----------
Non-formula-fed veal	69	0	----------	63	0	----------	89	1	1 doramectin
Rabbits	-------	------	----------	-------	------	----------	-------	------	----------
Ratites	-------	------	----------	-------	------	----------	7	0	----------
Roaster pigs	-------	------	----------	-------	------	----------	18	0	----------
Sows	-------	------	----------	-------	------	----------	267	0	----------
Steers	1,046	1	1 ivermectin	-------	------	----------	315	0	----------

***beta*-Agonists**
(clenbuterol, salbutamol, and cimaterol)

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Formula-fed veal	1,020	0	248	0	------	--------
Market hogs	------	--------	274	0	109	0
Non-formula-fed veal	------	--------	------	--------	19	0
Steers	------	--------	254	0	176	0

***beta*-Agonists**
(ractopamine)

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Formula-fed veal	109	0	------	--------	------	--------
Market hogs	74	0	------	--------	189	0
Steers	240	0	-------	-------	135	0

Carbadox

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Market hogs	243	0	------	--------	------	--------
Roaster pigs	------	--------	188	2	------	--------

Chlorinated hydrocarbons, Chlorinated organophosphates & Phenylbutazone

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific violations	Number of Analyses	Number of Analyses	Specific violations	Number of Analyses	Number of violations	Specific violations
Beef cows	313	0	----------	315	0	----------	367	0	----------
Bison	---------	----------	----------	---------	----------	----------	9	0	----------
Boars/Stags	209	0	----------	252	2	2 halowax	281	3	3 mirex
Bob veal	---------	----------	----------	---------	----------	----------	237	0	----------
Bulls	304	2	1 coumaphos, 1 PBDE	263	0	---------	251	0	----------
Dairy cows	265	0	----------	305	0	----------	222	0	----------
Ducks	---------	----------	----------	---------	----------	----------	248	0	----------
Egg products	178	0	----------	288	0	----------	370	0	----------
Formula-fed veal	257	0	----------	263	0	----------	238	0	----------
Geese	---------	----------	----------	---------	----------	----------	15	0	----------
Goats	199	2	2 PBDE	222	0	----------	247	0	----------
Heavy calves	205	1	1 Dieldrin	244	0	----------	246	0	----------
Heifers	537	0	----------	442	0	----------	313	1	1 PCB
Horses	78	0	----------	---------	----------	----------	157	0	----------

Chlorinated hydrocarbons, Chlorinated organophosphates & Phenylbutazone, ***continuation***

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific violations	Number of Analyses	Number of violations	Specific violations	Number of Analyses	Number of violations	Specific violations
Lambs	230	0	---	245	0	---	252	0	---
Market hogs	356	0	---	445	0	---	311	0	---
Mature chickens	77	0	---	103	0	---	221	0	---
Mature sheep	116	0	---	155	0	---	199	0	---
Mature turkeys	80	0	---	103	0	---	214	0	---
Non-formula-fed veal	174	0	---	101	1	1 DDT	160	0	---
Rabbits	---	---	---	---	---	---	71	0	---
Ratites	---	---	---	---	---	---	10	0	---
Roaster pigs	217	0	---	---	---	---	20	0	---
Sows	215	0	---	247	0	---	243	0	---
Squab	---	---	---	---	---	---	22	0	---
Steers	556	0	---	432	0	---	313	0	---
Young chickens	426	0	---	484	0	---	476	0	---
Young turkeys	280	0	---	363	0	---	249	0	---

Chloramphenicol

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Dairy cows	204	0	217	0	163	0
Formula-fed veal	92	0	100	0	327	0
Mature chickens	86	0	105	0	---	---
Mature turkeys	101	0	103	0	---	---
Non-formula-fed veal	118	0	70	0	143	0
Young chickens	211	0	282	0	---	---
Young turkeys	81	0	147	0	---	---

Diethylstilbestrol (DES)

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Formula-fed veal	-----	------	-----	------	398	0

Florfenicol

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Dairy cows	157	1	50	0	-----	------
Formula-fed veal	114	0	63	0	-----	------
Non-formula fed veal	84	5	-----	------	-----	------

Flunixin

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Bob veal	-----	------	----	-------	85	0
Dairy cows	-----	------	213	3	117	2

Melengestrol acetate (MGA)

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Heifers	350	0	238	0	187	0

Nitrofurans

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific nitrofurans violations	Number of Analyses	Number of violations	Specific nitrofurans violations	Number of Analyses	Number of violations	Specific nitrofurans violations
Dairy cows	253	1	1 furazolidone	----------	----------	----------	----------	----------	----------
Formula-fed veal	133	0	----------	----------	----------	----------	----------	----------	----------
Heifers	336	0	----------	----------	----------	----------	----------	----------	----------
Steers	330	0	----------	----------	----------	----------	----------	----------	----------

Nitroimidazoles

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Young turkeys	251	0	-----	------	-----	------

Phenylbutazone (ELISA)

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Beef cows	-----	------	189	0	-----	------
Dairy cows	-----	------	237	2	-----	------
Formula fed veal	-----	------	13	0	-----	------
Heavy calves	-----	------	75	0	-----	------
Heifers	-----	------	91	0	-----	------
Sow	-----	------	1	0	-----	------
Steers	874	0	96	0	-----	------

Sulfonamides

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific sulfonamides violations	Number of Analyses	Number of violations	Specific sulfonamides violations	Number of Analyses	Number of violations	Specific sulfonamides violations
Beef cows	328	0	----------	295	0	----------	252	1	1 sulfadimethoxine
Bison	----	-----	----------	----	-----	----------	8	0	----------
Boars/Stags	152	1	1 sulfamethazine	319	0	----------	343	0	----------
Bob veal	445	1	1 sulfadimethoxine	364	1	1 sulfamethazine	241	3	2 sulfadimethoxine, 1 sulfadiazine
Bulls	304	0	----------	317	0	----------	328	1	1 sulfadimethoxine
Dairy cows	289	0	----------	296	0	----------	141	2	2 sulfadimethoxine
Ducks	----	-----	----------	----	-----	----------	95	0	----------
Egg products	189	0	----------	299	0	----------	343	0	----------
Formula-fed veal	93	0	----------	152	0	----------	275	0	----------
Geese	----	-----	----------	----	-----	----------	17	0	----------
Goats	----	-----	----------	----	-----	----------	247	0	----------
Heavy calves	194	0	----------	268	0	----------	234	1	1 sulfamethazine
Heifers	----	-----	----------	----	-----	----------	292	0	----------
Horses	----	-----	----------	----	-----	----------	199	0	----------
Lambs	159	0	----------	230	0	----------	227	0	----------
Market hogs	348	3	3 sulfamethazine	910	3	2 sulfamethazine, 1 sulfathiazole	289	2	2 sulfamethazine
Mature chickens	----	-----	----------	----	-----	----------	97	0	----------

Sulfonamides, ***continuation***

Production Class	CY 2005			CY 2004			CY 2003		
	Number of Analyses	Number of violations	Specific sulfonamides violations	Number of Analyses	Number of violations	Specific sulfonamides violations	Number of Analyses	Number of violations	Specific sulfonamides violations
Mature turkeys	76	0	----------	69	1	1 sulfadimethoxine	234	0	----------
Non-formula-fed veal	122	0	----------	143	0	----------	164	2	1 sulfamethazine, 1 sulfamethoxazole
Ratites	----	-----	----------	----	-----	----------	5	0	----------
Roaster pigs	209	4	3 sulfamethazine , 1 sulfathiazole	----	-----	----------	18	1	1 sulfamethazine
Sows	----	-----	----------	----	-----	----------	300	0	----------
Squab	----	-----	----------	----	-----	----------	20	0	----------
Steers	517	0	----------	319	0	----------	288	1	1 sulfamethazine
Young chickens	----	-----	----------	----	-----	----------	385	0	----------
Young turkeys	----	-----	----------	----	-----	----------	234	0	----------

Thyreostats

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Heifers	302	0	-----	------	-----	------
Steers	336	0	-----	------	-----	------

Trenbolone

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Formula-fed veal	1,076	0	-----	------	-----	------

Zeranol

Production Class	CY 2005		CY 2004		CY 2003	
	Number of Analyses	Number of violations	Number of Analyses	Number of violations	Number of Analyses	Number of violations
Formula-fed veal	1,106	0	-----	------	398	20