

## **DOMESTIC RESULTS**

### **DOMESTIC MONITORING RESULTS (CONDENSED AND REFORMATTED)**

Condensed and reformatted results of domestic monitoring sampling are presented in two tables for each compound class tested unless there is only one compound in the class, then the second table is not necessary. The first table (a) 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 (b) presents the specific compounds that were detected within the compound class.

## **ANTIBIOTIC RESULTS**

FSIS analyzed 4,270 samples for antibiotic residues. Thirty-eight (38) violations were detected in 38 animals from several production classes. There were 6 penicillin, 3 tilmicosin, 25 neomycin, and 4 gentamicin residue violations. Table 4a, *Antibiotics*, presents testing results by production class. Table 4b, *Specific Antibiotic Violative Residues*, presents the specific antibiotics detected.

**Table 4a  
Antibiotics  
2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Beef cows	323	1	0	0.0	(0,1.14)
Heifers	469	0	1	0.2	(0.01,1.18)
Dairy cows	439	4	3	0.7	(0.14,1.98)
Bob veal	377	3	17	4.5	(2.65,7.12)
Formula-fed veal	111	12	8	7.2	(3.16,13.71)

**Table 4a - *continued***  
**Antibiotics**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non- violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Non-formula-fed veal	97	2	3	3.1	(0.64,8.77)
Heavy calves	141	1	2	1.4	(0.17,5.03)
Lambs	222	2	0	0.0	(0,1.65)
Market hogs	948	52	0	0.0	(0,0.39)
Boars/Stags	245	6	1	0.4	(0.01,2.25)
Sows	256	3	2	0.8	(0.09,2.79)
Young chickens	364	1	1	0.3	(0.01,1.52)
Mature chickens	278	0	0	0.0	(0,1.32)
<b>Total</b>	<b>4,270</b>	<b>87</b>	<b>38</b>		

**Table 4b**  
**Specific Antibiotic Violative Residues**  
**2004 FSIS Domestic Monitoring Results**

Production Class	Antibiotic Compounds				Total
	Penicillin	Tilmicosin	Neomycin	Gentamicin	
Dairy cows	3	0	0	0	<b>3</b>
Heifers	0	0	0	1	<b>1</b>
Bob veal	1	1	15	0	<b>17</b>
Formula-fed veal	1	0	7	0	<b>8</b>
Non-formula-fed veal	0	1	2	0	<b>3</b>
Sows	1	0	0	1	<b>2</b>
Heavy calves	0	1	0	1	<b>2</b>
Boars/Stags	0	0	0	1	<b>1</b>
Young chickens	0	0	1	0	<b>1</b>
<b>Total</b>	<b>6</b>	<b>3</b>	<b>25</b>	<b>4</b>	<b>38</b>

## **SULFONAMIDE RESULTS**

FSIS analyzed 3,981 samples for sulfonamides. Five (5) violations were detected in five animals from several production classes. There were 1 sulfadimethoxine, 3 sulfamethazine, and 1 sulfathiazole residue violations. Table 5a, *Sulfonamides*, presents testing results by production class. Table 5b, *Specific Sulfonamides Violative Residues*, presents the specific sulfonamides detected.

**Table 5a**  
**Sulfonamides**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Bulls	317	0	0	0.0	(0,1.16)
Steers	319	0	0	0.0	(0,1.15)
Beef cows	295	1	0	0.0	(0,1.24)
Dairy cows	296	0	0	0.0	(0,1.24)
Bob veal	364	1	1	0.3	(0.01,1.52)
Formula-fed veal	152	0	0	0.0	(0,2.4)
Non-formula-fed veal	143	0	0	0.0	(0,2.55)
Heavy calves	268	0	0	0.0	(0,1.37)
Lambs	230	0	0	0.0	(0,1.59)
Market hogs	910	0	3	0.3	(0.07,0.96)
Boars/Stags	319	1	0	0.0	(0,1.15)
Mature turkeys	69	0	1	1.4	(0.04,7.81)
Egg products	299	0	0	0.0	(0,1.23)
<b>Total</b>	<b>3,981</b>	<b>3</b>	<b>5</b>		

**Table 5b**  
**Specific Sulfonamide Violative Residues**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Sulfonamide Compounds</b>			<b>Total</b>
	<b>Sulfadimethoxine</b>	<b>Sulfamethazine</b>	<b>Sulfathiazole</b>	
Bob veal	0	1	0	<b>1</b>
Market hogs	0	2	1	<b>3</b>
Mature turkeys	1	0	0	<b>1</b>
<b>Total</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>5</b>

## **ARSENIC RESULTS**

FSIS analyzed 1,293 samples for arsenic and no violations were detected. Table 6a presents testing results by production class.

**Table 6a**  
**Arsenic**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Goats	68	0	0	0.0	(0,5.28)
Young chickens	547	248	0	0.0	(0,0.67)
Young turkeys	377	14	0	0.0	(0,0.97)
Egg products	301	0	0		(0,1.22)
<b>Total</b>	<b>1293</b>	<b>262</b>	<b>0</b>		

## **CHLORINATED HYDROCARBONS, CHLORINATED ORGANOPHOSPHATES, POLYCHLORINATED BIPHENYLS, and PHENYLBUTAZONE RESULTS**

FSIS laboratories analyzed 5,272 samples for chlorinated hydrocarbons and chlorinated organophosphates, and phenylbutazone residues and 3 violations were detected: 1 DDT and 2 halowax. Table 7a, *Chlorinated Hydrocarbons, Chlorinated Organophosphates, Polychlorinated Biphenyls, and Phenylbutazone* presents testing results by production class. Table 7b, *Specific Chlorinated Hydrocarbons, Chlorinated Organophosphates, Polychlorinated Biphenyls, and Phenylbutazone* presents the specific residue detected.

**Table 7a**  
**Chlorinated Hydrocarbons, Chlorinated Organophosphates,**  
**Polychlorinated Biphenyls, and Phenylbutazone**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Bulls	263	11	0	0.0	(0,1.39)
Steers	432	11	0	0.0	(0,0.85)
Beef cows	315	8	0	0.0	(0,1.16)
Heifers	442	4	0	0.0	(0,0.83)
Dairy cows	305	19	0	0.0	(0,1.2)
Formula-fed veal	263	0	0	0.0	(0,1.39)
Non-formula-fed veal	101	4	1	1.0	(0.03,5.39)
Heavy calves	244	6	0	0.0	(0,1.5)
Mature sheep	155	3	0	0.0	(0,2.35)
Lambs	245	14	0	0.0	(0,1.49)
Goats	222	1	0	0.0	(0,1.65)
Market hogs	445	3	0	0.0	(0,0.83)
Boars/Stags	252	8	2	0.8	(0.1,2.84)

**Table 7a - *continued***  
**Chlorinated Hydrocarbons, Chlorinated Organophosphates, Polychlorinated Biphenyls, and Phenylbutazone**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Sows	247	2	0	0.0	(0,1.48)
Young chickens	484	0	0	0.0	(0,0.76)
Mature chickens	103	0	0	0.0	(0,3.52)
Young turkeys	363	0	0	0.0	(0,1.01)
Mature turkeys	103	1	0	0.0	(0,3.52)
Egg products	288	0	0	0.0	(0,1.27)
<b>Total</b>	<b>5, 272</b>	<b>95</b>	<b>3</b>		

**Table 7b**  
**Specific Chlorinated Hydrocarbons, Chlorinated Organophosphates, Polychlorinated Biphenyls, and Phenylbutazone Violative Residues**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Compound</b>		<b>Total</b>
	<b>DDT</b>	<b>Halowax</b>	
Non-formula-fed veal	1	0	<b>1</b>
Boars/Stags	0	2	<b>2</b>
<b>Total</b>	<b>1</b>	<b>2</b>	<b>3</b>

## **AVERMECTINS (IVERMECTIN and DORAMECTIN) and MILBEMYCINS (MOXIDECTIN) RESULTS**

FSIS analyzed 931 samples for avermectin and milbemycin residues and 15 violations were detected. There were 3 ivermectins, 1 doramectin, and 11 moxidectins residue violations. Table 8a, *Avermectins and Milbemycins*, presents testing results by production class. Table 8b, *Specific Avermectin and Milbemycin Violative Residues*, presents the specific avermectins and milbemycins detected.

**Table 8a**  
**Avermectins and Milbemycins**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Bulls	277	9	2	0.7	(0.09,2.58)
Beef cows	285	2	0	0.0	(0,1.29)
Non-formula-fed veal	63	1	0	0.0	(0,5.69)
Mature sheep	74	1	1	1.4	(0.03,7.3)
Goats	232	0	12	5.2	(2.7,8.86)
<b>Total</b>	<b>931</b>	<b>13</b>	<b>15</b>		

**Table 8b**  
**Specific Avermectin and Milbemycin Violative Residues**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Avermectin and Milbemycin Compounds</b>			<b>Total</b>
	<b>Ivermectin</b>	<b>Doramectin</b>	<b>Moxidectin</b>	
Bulls	2	0	0	<b>2</b>
Mature sheep	0	1	0	<b>1</b>
Goats	1	0	11	<b>12</b>
<b>Total</b>	<b>3</b>	<b>1</b>	<b>11</b>	<b>15</b>

## **CHLORAMPHENICOL**

FSIS analyzed 1,024 samples for chloramphenicol and no violations were detected. Table 9a, *Chloramphenicol*, presents testing results by production class.

**Table 9a**  
**Chloramphenicol**  
**2004 FSIS Domestic Residue Plan Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Dairy cows	217	0	0	0.0	(0,1.69)
Formula-fed veal	100	0	0	0.0	(0,3.62)
Non-formula-fed veal	70	0	0	0.0	(0,5.13)
Young chickens	282	0	0	0.0	(0,1.3)
Mature chickens	105	0	0	0.0	(0,3.45)
Young turkeys	147	0	0	0.0	(0,2.48)
Mature turkeys	103	0	0	0.0	(0,3.52)
<b>Total</b>	<b>1,024</b>	<b>0</b>	<b>0</b>		

## **CARBADOX**

FSIS analyzed 188 roaster pigs for carbadox and 2 violations were detected. Table 10a, *Carbadox*, presents testing results by production class.

**Table 10a**  
**Carbadox**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Roaster pigs	188	0	2	1.1	(0.13,3.79)

## **FLUNIXIN**

FSIS analyzed 213 dairy cows for flunixin residues and 3 violations were detected. Table 11a, *Flunixin*, presents the testing results by production class

**Table 11a**  
**Flunixin**  
**2004 Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyzes</b>	<b>Number of non- violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Dairy cows	213	0	3	1.4	(0.29, 4.06)

## ***beta*-AGONISTS**

FSIS analyzed 776 samples for *beta*-agonists (clenbuterol, salbutamol, and cimaterol) and no violations were found. Table 12a, *beta*-agonists, presents testing results by production class.

**Table 12a**  
***beta*-agonists**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyzes</b>	<b>Number of non- violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Steers	254	0	0	0.0	(0, 1.44)
Formula-fed veal	248	0	0	0.0	(0, 1.48)
Market hogs	274	0	0	0.0	(0, 1.34)
<b>Total</b>	<b>776</b>	<b>0</b>	<b>0</b>		

## **FLORFENICOL**

FSIS analyzed 50 dairy cows and 63 formula-fed veal for florfenicol and no violations were found. Table 13a, *Florfenicol*, presents testing results by production class.

**Table 13a  
Florfenicol  
2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Dairy cows	50	0	0	0.0	(0,7.11)
Formula-fed veal	63	0	0	0.0	(0,5.69)
<b>Total</b>	<b>113</b>	<b>0</b>	<b>0</b>		

## **PHENYLBUTAZONE (WITH ELISA METHOD)**

FSIS analyzed 606 samples from several production classes for phenylbutazone using the ELISA method of analysis. Two violations were detected in dairy cows. Table 14a, *Phenylbutazone (with ELISA method)*, presents testing results by production class.

**Table 14a  
Phenylbutazone (with ELISA method)  
2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Beef cows	189	0	0	0	(0,1.93)
Heifers	91	0	0	0	(0,3.97)
Dairy cows	237	0	2	0.84	

**Table 14a - *continued***  
**Phenylbutazone (with ELISA method)**  
**2004 FSIS Domestic Monitoring Results**

<b>Production Class</b>	<b>Number of Analyses</b>	<b>Number of non- violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>	<b>95 percent confidence interval</b>
Formula fed veal	13	0	0	0	(0,24.71)
Steers	96	0	0	0	(0,3.77)
Heavy calves	75	0	0	0	(0,4.8)
Sow	1	0	0	0	(0,97.5)
<b>Total</b>	<b>702</b>	<b>0</b>	<b>2</b>		

## **MELENGESTROL ACETATE (MGA)**

FSIS analyzed 238 heifers for MGA residues. No violations and twenty non-violative positives were found.

## **MONITORING DATA FROM FSIS DATA BASE**

Tables 15 to 34 identify information as received from the FSIS database System, Microbiological and Residue Computer Information System (MARCIS). (An explanation of Tables 35 to 115 can be found on page 65.)

### **PRODUCTION CLASS DATA**

Tables 15a to 34a 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, 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 III (Analytical Methods, 2004 National Residue Program).

Tables 15b to 34b 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 15a**  
**Residue Data - Bulls**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
BHC	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Chlordane	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Dieldrin	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
DDT	Fat	263	0	ppm	252	3	6	1	1	0	0	0	0
Endrin	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Heptachlor	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Lindane	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Methoxychlor	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Toxaphene	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
PCB	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
HCB	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Mirex	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Strobane	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Nonachlor	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Endosulfan I	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Linuron	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Phosalone	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Dicofol	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Halowax	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
PBB	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Coumaphos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Ethion	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Parathion	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Ronnel	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Stirofos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Famphur	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Carbophenothion	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Chlорfenvinphos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
S-Chloropyridazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0	0

**Table 15a - *continued***  
**Residue Data - Bulls**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Sulfanilamide	Liver	317	0	ppm	317	0	0	0	0	0	0	0
Sulfapyridine	Liver	317	0	ppm	317	0	0	0	0	0	0	0
Sulfadiazine	Liver	317	0	ppm	317	0	0	0	0	0	0	0
Sulfadoxine	Liver	317	0	ppm	317	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	317	0	ppm	317	0	0	0	0	0	0	0
Phenylbutazone	Fat	263	0	ppb	263	0	0	0	0	0	0	0
Doramectin	Liver	277	0	ppb	277	0	0	0	0	0	0	0
Moxidectin	Liver	277	0	ppb	273	0	0	0	0	0	0	4
Ivermectin	Liver	277	2	ppb	270	0	0	0	0	0	0	7

**Table 15b**  
**Residue Data by Compound Class - Bulls**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	277	2	0.7	2.3
Chlorinated Hydrocarbons	263	0	0	1.1
Chlorinated Organophosphates	263	0	0	1.1
Phenylbutazone	263	0	0	1.1
Sulfonamides	317	0	0	0.9
<b>Total</b>	<b>1383</b>	<b>2</b>		

**Table 16a**  
**Residue Data - Steers**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
BHC	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Chlordane	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Dieldrin	Fat	432	0	ppm	431	1	0	0	0	0	0	0	0
DDT	Fat	432	0	ppm	422	2	4	1	3	0	0	0	0
Endrin	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Heptachlor	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Lindane	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Methoxychlor	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Toxaphene	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
PCB	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
HCB	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Mirex	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Strobane	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Nonachlor	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Endosulfan I	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Linuron	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Phosalone	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Dicofol	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Halowax	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
PBB	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Coumaphos	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Ethion	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Parathion	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Ronnel	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Stirofos	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Famphur	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Carbophenothion	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Chlорfenvinphos	Fat	432	0	ppm	432	0	0	0	0	0	0	0	0
Clenbuterol	Eyeball	254	0	ppb	254	0	0	0	0	0	0	0	0
Salbutamol	Eyeball	254	0	ppb	254	0	0	0	0	0	0	0	0
Cimaterol	Eyeball	254	0	ppb	254	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0

**Table 16a - continued**  
**Residue Data - Steers**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Sulfathiazole	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	319	0	ppm	319	0	0	0	0	0	0	0
S-Bromomethazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfamethiazole	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfanilamide	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfapyridine	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfadiazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfadoxine	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	319	0	ppm	319	0	0	0	0	0	0	0
Phenylbutazone	Fat	432	0	ppb	432	0	0	0	0	0	0	0

**Table 16b**  
**Residue Data by Compound Class - Bulls**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Chlorinated Hydrocarbons	432	0	0	0.7
Chlorinated Organophosphates	432	0	0	0.7
Beta Agonists	254	0	0	1.2
Phenylbutazone	432	0	0	0.7
Sulfonamides	319	0	0	0.9
<b>Total</b>	<b>1869</b>	<b>0</b>		

**Table 17a**  
**Residue Data - Beef Cows**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
BHC	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Chlordane	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Dieldrin	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
DDT	Fat	315	0	ppm	307	1	4	2	0	1	0	0	0
Endrin	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Heptachlor	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Lindane	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Methoxychlor	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Toxaphene	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
PCB	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
HCB	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Mirex	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Strobane	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Nonachlor	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Endosulfan I	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Linuron	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Phosalone	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Dicofol	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Halowax	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
PBB	Fat	315	0	ppm	315	0	0	0	0	0	0	0	0
Penicillin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Streptomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Tetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Tylosin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Erythromycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Neomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Gentamycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Lincomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	323	0	ppm	322	1	0	0	0	0	0	0	0
Tilmicosin	Kidney	323	0	ppb	323	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Clindamycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Tobramycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0
Kanamycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0	0

**Table 17a - continued**  
**Residue Data - Beef Cows**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Hygromycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0
Amikacin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0
Aprimycin	Kidney	323	0	ppm	323	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	323	0	ppm	323	0	0	0	0	0	0	0
Swab Pos-Bioa Ne	Kidney	323	0	ppm	323	0	0	0	0	0	0	0
Coumaphos	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Ethion	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Parathion	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Ronnel	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Stirofos	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Chlorpyrifos	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Famphur	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Carbophenothion	Fat	315	0	ppm	315	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	315	0	ppm	315	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfamethazine	Liver	295	0	ppm	294	1	0	0	0	0	0	0
S-Chloropyrazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfamerazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfathiazole	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	295	0	ppm	295	0	0	0	0	0	0	0
S-Bromomethazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfamethiazole	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfanilamide	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfapyridine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfadiazine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfadoxine	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	295	0	ppm	295	0	0	0	0	0	0	0
Phenylbutazone	Fat	315	0	ppb	315	0	0	0	0	0	0	0
Doramectin	Liver	285	0	ppb	285	0	0	0	0	0	0	0
Moxidectin	Liver	285	0	ppb	285	0	0	0	0	0	0	0
Ivermectin	Liver	285	0	ppb	283	0	0	0	0	0	0	2

**Table 17b**  
**Residue Data by Compound Class - Beef Cows**  
**2004 Domestic Monitoring Plan**

<b>Residue Compound or Compound Class</b>	<b>Samples Tested</b>	<b>Samples Violative</b>	<b>Percent Violative Samples</b>	<b>Upper 95% Confidence Limit</b>
Antibiotics	323	0	0	0.9
Avermectins	285	0	0	1.0
Chlorinated Hydrocarbons	315	0	0	0.9
Chlorinated Organophosphates	315	0	0	0.9
Phenylbutazone	315	0	0	0.9
Sulfonamides	295	0	0	1
<b>Total</b>	<b>1848</b>	<b>0</b>		

**Table 18a**  
**Residue Data - Heifers**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
BHC	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Chlordane	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Dieldrin	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
DDT	Fat	442	0	ppm	442	0	3	0	0	0	0	0	0
Endrin	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Heptachlor	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Lindane	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Methoxychlor	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Toxaphene	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
PCB	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
HCB	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Mirex	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Strobane	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Nonachlor	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Endosulfan I	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Linuron	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Phosalone	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Dicofol	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Halowax	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
PBB	Fat	442	0	ppm	442	0	0	0	0	0	0	0	0
Penicillin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Streptomycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Tetracycline	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Tylosin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Erythromycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Neomycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Gentamycin	Kidney	469	1	ppm	468	0	0	0	1	0	0	0	0
Lincomycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	469	0	ppb	469	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Clindamycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Tobramycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Kanamycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0
Hygromycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0	0

**Table 18a - *continued***  
**Residue Data - Heifers**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample							
					None	0.10	0.20	0.30	0.50	1.00	2.50	5.00
Amikacin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0
Aprimycin	Kidney	469	0	ppm	469	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	469	0	ppm	469	0	0	0	0	0	0	0
Swab Pos-Bioa Ne	Kidney	469	0	ppm	469	0	0	0	0	0	0	0
Coumaphos	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Ethion	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Parathion	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Ronnel	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Stirofos	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Chlorpyrifos	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Famphur	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Carbophenothion	Fat	442	0	ppm	442	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	442	0	ppm	442	0	0	0	0	0	0	0
MGA	Fat	238	0	ppb	218	20	0	0	0	0	0	0
Phenylbutazone	Fat	442	0	ppb	442	0	0	0	0	0	0	0

**Table 18b**  
**Residue Data by Compound Class - Heifers**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	469	1	0.2	1.0
Chlorinated Hydrocarbons	442	0	0	0.7
Chlorinated Organophosphates	442	0	0	0.7
MGA	238	0	0	1.3
Phenylbutazone	442	0	0	0.7
<b>Total</b>	<b>2033</b>	<b>1</b>		

**Table 19a**  
**Residue Data - Dairy Cows**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
BHC	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Chlordane	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Dieldrin	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
DDT	Fat	305	0	ppm	287	4	9	1	2	0	1	0	0
Endrin	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Heptachlor	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Lindane	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Methoxychlor	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Toxaphene	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
PCB	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
HCB	Fat	305	0	ppm	305	0	1	0	0	0	0	0	0
Mirex	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Strobane	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Nonachlor	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Endosulfan I	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Linuron	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Phosalone	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Dicofol	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Halowax	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
PBB	Fat	305	0	ppm	305	0	0	0	0	0	0	0	0
Penicillin	Kidney	439	3	ppm	436	0	0	2	0	1	0	0	0
Streptomycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	217	0	ppb	217	0	0	0	0	0	0	0	0
Florfenicol	Liver	50	0	ppm	50	0	0	0	0	0	0	0	0
Tetracycline	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Tylosin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Erythromycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Neomycin	Kidney	439	0	ppm	438	0	0	0	0	0	0	0	1
Oxytetracycline	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Gentamycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Lincomycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	439	0	ppb	439	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Clindamycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0
Tobramycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0	0

**Table 19a- *continued***  
**Residue Data - Dairy Cows**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Kanamycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0
Hygromycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0
Amikacin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0
Aprimycin	Kidney	439	0	ppm	439	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	439	0	ppm	436	0	0	0	0	3	0	0
Swab Pos-Bioa Ne	Kidney	439	0	ppm	439	0	0	0	0	0	0	0
Coumaphos	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Ethion	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Parathion	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Ronnel	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Stirofos	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Chlorpyrifos	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Famphur	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Carbophenothion	Fat	305	0	ppm	305	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	305	0	ppm	305	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfamethazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfamerazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfathiazole	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	296	0	ppm	296	0	0	0	0	0	0	0
S-Bromomethazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfamethiazole	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfanilamide	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfapyridine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfadiazine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfadoxine	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	296	0	ppm	296	0	0	0	0	0	0	0
Phenylbutazone	Fat	305	0	ppb	305	0	0	0	0	0	0	0
Flunixin	Liver	213	3	ppb	210	0	1	1	0	1	0	0

**Table 19b**  
**Residue Data by Compound Class - Dairy Cows**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	439	3	0.7	1.8
Chloramphenicol	217	0	0	1.4
Florfenicol	50	0	0	5.8
Chlorinated Hydrocarbons	305	0	0	1.1
Chlorinated Organophosphates	305	0	0	1.1
Flunixin	213	3	1.4	3.6
Phenylbutazone	305	0	0	1.1
Sulfonamides	296	0	0	1.0
<b>Total</b>	<b>2130</b>	<b>6</b>		

**Table 20a**  
**Residue Data - Bob Veal**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Penicillin	Kidney	377	1	ppm	376	0	0	0	1	0	0	0	0
Streptomycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Tetracycline	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Tylosin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Erythromycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Neomycin	Kidney	377	15	ppm	362	0	0	0	0	0	3	4	8
Oxytetracycline	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Gentamycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Lincomycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	377	1	ppb	376	0	0	0	0	0	0	0	1
Pirlimycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Clindamycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Tobramycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Kanamycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Hygromycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Amikacin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Aprimycin	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	377	0	ppm	374	0	0	0	0	3	0	0	0
Swab Pos-Bioa Ne	Kidney	377	0	ppm	377	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
S-Chlorypyridazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	364	0	ppm	363	1	0	0	0	0	0	0	0
Sulfamethazine	Liver	364	1	ppm	363	0	0	0	0	0	0	0	1
S-Chloropyrazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	364	0	ppm	364	0	0	0	0	0	0	0	0

**Table 20b**  
**Residue Data by Compound Class - Bob Veal**  
**2004 Domestic Monitoring Plan**

<b>Residue Compound or Compound Class</b>	<b>Samples Tested</b>	<b>Samples Violative</b>	<b>Percent Violative Samples</b>	<b>Upper 95% Confidence Limit</b>
Antibiotics	377	17	4.5	6.7
Sulfonamides	364	1	0.3	1.3
<b>Total</b>	<b>741</b>	<b>18</b>		

**Table 21a**  
**Residue Data - Formula-fed Veal**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
BHC	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Chlordane	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Dieldrin	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
DDT	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Endrin	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Heptachlor	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Lindane	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Methoxychlor	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Toxaphene	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
PCB	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
HCB	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Mirex	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Strobane	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Nonachlor	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Endosulfan I	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Linuron	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Phosalone	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Dicofol	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Halowax	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
PBB	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Penicillin	Kidney	111	1	ppm	110	1	0	0	0	0	0	0	0
Streptomycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	100	0	ppb	100	0	0	0	0	0	0	0	0
Florfenicol	Liver	63	0	ppm	63	0	0	0	0	0	0	0	0
Tetracycline	Kidney	111	0	ppm	110	0	0	0	0	0	1	0	0
Tylosin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Erythromycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Neomycin	Kidney	111	7	ppm	104	0	0	0	2	1	2	1	1
Oxytetracycline	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	111	0	ppm	110	1	0	0	0	0	0	0	0
Gentamycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Lincomycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	111	0	ppb	111	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Clindamycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Tobramycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0

**Table 21a - *continued***  
**Residue Data -Formula-fed Veal**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Kanamycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Hygromycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Amikacin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Aprimycin	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	111	0	ppm	101	0	0	0	0	10	0	0	0
Swab Pos-Bioa Ne	Kidney	111	0	ppm	111	0	0	0	0	0	0	0	0
Coumaphos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Ethion	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Parathion	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Ronnel	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Stirofos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Famphur	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Carbophenothion	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	263	0	ppm	263	0	0	0	0	0	0	0	0
Clenbuterol	Eyeball	248	0	ppb	248	0	0	0	0	0	0	0	0
Salbutamol	Eyeball	248	0	ppb	248	0	0	0	0	0	0	0	0
Cimaterol	Eyeball	248	0	ppb	248	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	152	0	ppm	152	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	263	0	ppb	263	0	0	0	0	0	0	0	0

**Table 21b**  
**Residue Data by Compound Class - Formula-fed Veal**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	111	8	7.2	12.6
Chloramphenicol	100	0	0	3.0
Florfenicol	63	0	0	4.6
Chlorinated Hydrocarbons	263	0	0	1.1
Chlorinated Organophosphates	263	0	0	1.1
Beta Agonists	248	0	0	1.2
Phenylbutazone	263	0	0	1.8
Sulfonamides	152	0	0	2.0
<b>Total</b>	<b>1463</b>	<b>8</b>		

**Table 22a**  
**Residue Data - Non-formula-fed Veal**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
BHC	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Chlordane	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Dieldrin	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
DDT	Fat	101	1	ppm	96	0	1	1	1	0	1	0	1
Endrin	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Heptachlor	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Lindane	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Methoxychlor	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Toxaphene	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
PCB	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
HCB	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Mirex	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Strobane	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Nonachlor	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Endosulfan I	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Linuron	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Phosalone	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Dicofol	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Halowax	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
PBB	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Penicillin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Streptomycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	70	0	ppb	70	0	0	0	0	0	0	0	0
Tetracycline	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Tylosin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Erythromycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Neomycin	Kidney	97	2	ppm	95	0	0	0	0	0	0	1	1
Oxytetracycline	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Gentamycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Lincomycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	97	1	ppb	96	0	0	0	0	0	1	0	0
Pirlimycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Clindamycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Tobramycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Kanamycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0

**Table 22a - *continued***  
**Residue Data -Non-formula-fed Veal**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Hygromycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Amikacin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Aprimycin	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	97	0	ppm	95	0	0	0	0	2	0	0	0
Swab Pos-Bioa Ne	Kidney	97	0	ppm	97	0	0	0	0	0	0	0	0
Coumaphos	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Ethion	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Parathion	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Ronnel	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Stirofos	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Famphur	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Carbophenothion	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	101	0	ppm	101	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	143	0	ppm	143	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	101	0	ppb	101	0	0	0	0	0	0	0	0
Doramectin	Liver	63	0	ppb	63	0	0	0	0	0	0	0	0
Moxidectin	Liver	63	0	ppb	63	0	0	0	0	0	0	0	0
Ivermectin	Liver	63	0	ppb	62	0	0	0	0	0	0	0	1

**Table 22b**  
**Residue Data by Compound Class - Non-formula-fed Veal**  
**2004 Domestic Monitoring Plan**

<b>Residue Compound or Compound Class</b>	<b>Samples Tested</b>	<b>Samples Violative</b>	<b>Percent Violative Samples</b>	<b>Upper 95% Confidence Limit</b>
Antibiotics	97	3	3.1	7.8
Avermectins	63	0	0	4.6
Chloramphenicol	70	0	0	4.2
Chlorinated Hydrocarbons	101	1	1.0	4.6
Chlorinated Organophosphates	101	0	0	2.9
Phenylbutazone	101	0	0	2.9
Sulfonamides	143	0	0	2.1
<b>Total</b>	<b>676</b>	<b>4</b>		

**Table 23a**  
**Residue Data - Heavy Calves**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
BHC	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Chlordane	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Dieldrin	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
DDT	Fat	244	0	ppm	238	2	2	0	0	2	0	0	0
Endrin	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Heptachlor	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Lindane	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Methoxychlor	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Toxaphene	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
PCB	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
HCB	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Mirex	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Strobane	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Nonachlor	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Endosulfan I	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Linuron	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Phosalone	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Dicofol	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Halowax	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
PBB	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Penicillin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Streptomycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Tetracycline	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Tylosin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Erythromycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Neomycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Gentamycin	Kidney	141	1	ppm	140	0	0	0	0	1	0	0	0
Lincomycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	141	1	ppb	140	0	0	0	0	1	0	0	0
Pirlimycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Clindamycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Tobramycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Kanamycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Hygromycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0

**Table 23a - *continued***  
**Residue Data - Heavy Calves**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Amikacin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Aprimycin	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	141	0	ppm	140	0	0	0	0	1	0	0	0
Swab Pos-Bioa Ne	Kidney	141	0	ppm	141	0	0	0	0	0	0	0	0
Coumaphos	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Ethion	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Parathion	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Ronnel	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Stirofos	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Famphur	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Carbophenothion	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
Chlорфenvinphos	Fat	244	0	ppm	244	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	268	0	ppm	268	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	244	0	ppb	244	0	0	0	0	0	0	0	0

**Table 23b**  
**Residue Data by Compound Class - Heavy Calves**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	141	2	1.4	4.4
Chlorinated Hydrocarbons	244	0	0	1.3
Chlorinated Organophosphates	244	0	0	1.3
Phenylbutazone	244	0	0	1.3
Sulfonamides	268	0	0	1.1
<b>Total</b>	<b>1141</b>	<b>2</b>		

**Table 24a**  
**Residue Data - Mature Sheep**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
BHC	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Chlordane	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Dieldrin	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
DDT	Fat	155	0	ppm	152	1	1	0	0	1	0	0	0
Endrin	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Heptachlor	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Lindane	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Methoxychlor	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Toxaphene	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
PCB	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
HCB	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Mirex	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Strobane	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Nonachlor	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Endosulfan I	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Linuron	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Phosalone	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Dicofol	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Halowax	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
PBB	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Coumaphos	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Ethion	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Parathion	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Ronnel	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Stirofos	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Famphur	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Carbophenothion	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Chlorgenvinphos	Fat	155	0	ppm	155	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	155	0	ppb	155	0	0	0	0	0	0	0	0
Doramectin	Liver	74	1	ppb	73	0	0	0	0	0	0	0	1
Moxidectin	Liver	74	0	ppb	74	0	0	0	0	0	0	0	0
Ivermectin	Liver	74	0	ppb	73	0	0	0	0	0	0	0	1

**Table 24b**  
**Residue Data by Compound Class - Mature Sheeps**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Avermectins	74	1	1.4	6.2
Chlorinated Hydrocarbons	155	0	0	1.9
Chlorinated Organophosphates	155	0	0	1.9
Phenylbutazone	155	0	0	1.9
<b>Total</b>	<b>539</b>	<b>1</b>		

**Table 25a**  
**Residue Data - Lambs**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
BHC	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Chlordane	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Dieldrin	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
DDT	Fat	245	0	ppm	231	2	10	2	0	0	0	0	0
Endrin	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Heptachlor	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Lindane	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Methoxychlor	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Toxaphene	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
PCB	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
HCB	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Mirex	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Strobane	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Nonachlor	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Endosulfan I	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Linuron	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Phosalone	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Dicofol	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Halowax	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
PBB	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Penicillin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Streptomycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Tetracycline	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Tylosin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Erythromycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Neomycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Gentamycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Lincomycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	222	0	ppb	222	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Clindamycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Tobramycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Kanamycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Hygromycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0

**Table 25a - *continued***  
**Residue Data - Lambs**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Amikacin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Aprimycin	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	222	0	ppm	220	0	0	0	0	2	0	0	0
Swab Pos-Bioa Ne	Kidney	222	0	ppm	222	0	0	0	0	0	0	0	0
Coumaphos	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Ethion	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Parathion	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Ronnel	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Stirofos	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Famphur	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Carbophenothion	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
Chlорфenvinphos	Fat	245	0	ppm	245	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	230	0	ppm	230	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	245	0	ppb	245	0	0	0	0	0	0	0	0

**Table 25b**  
**Residue Data by Compound Class - Lambs**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	222	0	0	1.3
Chlorinated Hydrocarbons	245	0	0	1.2
Chlorinated Organophosphates	245	0	0	1.2
Phenylbutazone	245	0	0	1.2
Sulfonamides	230	0	0	1.3
<b>Total</b>	<b>1187</b>	<b>0</b>		

**Table 26a**  
**Residue Data - Goats**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
BHC	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Chlordane	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Dieldrin	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
DDT	Fat	222	0	ppm	221	0	0	0	0	1	0	0	0
Endrin	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Heptachlor	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Lindane	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Methoxychlor	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Toxaphene	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
PCB	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
HCB	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Mirex	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Stobane	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Nonachlor	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Endosulfan I	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Linuron	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Phosalone	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Dicofol	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Halowax	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
PBB	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Coumaphos	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Ethion	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Parathion	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Ronnel	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Stirofos	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Famphur	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Carbophenothion	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Chlorgenvinphos	Fat	222	0	ppm	222	0	0	0	0	0	0	0	0
Arsenic	Liver	68	0	ppm	68	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	222	0	ppb	222	0	0	0	0	0	0	0	0
Doramectin	Liver	232	0	ppb	232	0	0	0	0	0	0	0	0
Moxidectin	Liver	232	11	ppb	221	0	0	0	0	0	0	0	11
Ivermectin	Liver	232	1	ppb	231	0	0	0	0	0	0	0	1

**Table 26b**  
**Residue Data by Compound Class - Goats**  
**2004 Domestic Monitoring Plan**

<b>Residue Compound or Compound Class</b>	<b>Samples Tested</b>	<b>Samples Violative</b>	<b>Percent Violative Samples</b>	<b>Upper 95% Confidence Limit</b>
Arsenic	68	0	0	4.3
Avermectins	232	1.2	5.2	8.2
Chlorinated Hydrocarbons	222	0	0	1.3
Chlorinated Organophosphates	222	0	0	1.3
Phenylbutazone	222	0	0	1.3
<b>Total</b>	<b>966</b>	<b>2</b>		

**Table 27a**  
**Residue Data - Market Hogs**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
BHC	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Chlordane	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Dieldrin	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
DDT	Fat	445	0	ppm	442	0	1	0	1	0	1	0	0
Endrin	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Heptachlor	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Lindane	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Methoxychlor	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Toxaphene	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
PCB	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
HCB	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Mirex	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Strobane	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Nonachlor	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Endosulfan I	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Linuron	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Phosalone	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Dicofol	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Halowax	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
PBB	Fat	445	0	ppm	445	0	0	0	0	0	0	0	0
Penicillin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Streptomycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Tetracycline	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Tylosin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Erythromycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Neomycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	948	0	ppm	946	0	0	1	0	0	1	0	0
Unid Micro Inhib	Kidney	948	0	ppm	926	22	0	0	0	0	0	0	0
Gentamycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Lincomycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	948	0	ppb	948	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Clindamycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Tobramycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Kanamycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0
Hygromycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0	0

**Table 27a - continued**  
**Residue Data - Market Hogs**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Amikacin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0
Aprimycin	Kidney	948	0	ppm	948	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	948	0	ppm	920	0	0	0	0	28	0	0
Swab Pos-Bioa Ne	Kidney	948	0	ppm	948	0	0	0	0	0	0	0
Coumaphos	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Ethion	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Parathion	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Ronnel	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Stirofos	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Chlorpyrifos	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Famphur	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Carbophenothion	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Chlорфenvinphos	Fat	445	0	ppm	445	0	0	0	0	0	0	0
Clenbuterol	Eyebal	274	0	ppb	274	0	0	0	0	0	0	0
Salbutamol	Eyebal	274	0	ppb	274	0	0	0	0	0	0	0
Cimaterol	Eyebal	274	0	ppb	274	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfamethazine	Liver	910	2	ppm	908	0	2	0	0	0	0	0
S-Chloropyrazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfamerazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfathiazole	Liver	910	1	ppm	909	0	1	0	0	0	0	0
Sulfaquinoxaline	Liver	910	0	ppm	910	0	0	0	0	0	0	0
S-Bromomethazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfamethiazole	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfanilamide	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfapyridine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfadiazine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfadoxine	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	910	0	ppm	910	0	0	0	0	0	0	0
Phenylbutazone	Fat	445	0	ppb	445	0	0	0	0	0	0	0

**Table 27b**  
**Residue Data by Compound Class - Market Hogs**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	948	0	0	0.3
Chlorinated Hydrocarbons	445	0	0	0.7
Chlorinated Organophosphates	445	0	0	0.7
Beta Agonists	274	0	0	1.1
Phenylbutazone	445	0	0	0.7
Sulfonamides	910	3	3	0.8
<b>Total</b>	<b>3467</b>	<b>3</b>		

**Table 28a**  
**Residue Data - Boars/Stags**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Violations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
BHC	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Chlordane	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Dieldrin	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
DDT	Fat	252	0	ppm	244	1	4	0	1	1	1	0	0
Endrin	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Heptachlor	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Lindane	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Methoxychlor	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Toxaphene	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
PCB	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
HCB	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Mirex	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Strobane	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Nonachlor	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Endosulfan I	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Linuron	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Phosalone	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Dicofol	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Halowax	Fat	252	2	ppm	250	0	0	0	0	0	0	0	2
PBB	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Penicillin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Streptomycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Tetracycline	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Tylosin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Erythromycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Neomycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	245	0	ppm	243	2	0	0	0	0	0	0	0
Gentamycin	Kidney	245	1	ppm	243	0	1	0	0	0	0	0	1
Lincomycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	245	0	ppb	245	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Clindamycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Tobramycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Kanamycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Hygromycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0

**Table 28a - continued**  
**Residue Data - Boars/Stags**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Amikacin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Aprimycin	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	245	0	ppm	242	0	0	0	0	3	0	0	0
Swab Pos-Bioa Ne	Kidney	245	0	ppm	245	0	0	0	0	0	0	0	0
Coumaphos	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Ethion	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Parathion	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Ronnel	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Stirofos	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Famphur	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Carbophenothion	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
Chlорфенвінфос	Fat	252	0	ppm	252	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
S-Chlorpyridazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfamethazine	Liver	319	0	ppm	318	1	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfamethiazole	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfanilamide	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfapyridine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfadiazine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfadoxine	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	319	0	ppm	319	0	0	0	0	0	0	0	0
Phenylbutazone	Fat	252	0	ppb	252	0	0	0	0	0	0	0	0

**Table 28b**  
**Residue Data by Compound Class - Boars/Stags**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	245	1	0.4	1.9
Chlorinated Hydrocarbons	252	2	0.8	2.5
Chlorinated Organophosphates	252	0	0	1.2
Phenylbutazone	252	0	0	1.2
Sulfonamides	319	0	0	0.9
<b>Total</b>	<b>1320</b>	<b>3</b>		

**Table 29a**  
**Residue Data - Sows**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
BHC	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Chlordane	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Dieldrin	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
DDT	Fat	247	0	ppm	245	0	1	0	0	0	0	1	0
Endrin	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Heptachlor	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Lindane	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Methoxychlor	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Toxaphene	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
PCB	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
HCB	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Mirex	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Strobane	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Nonachlor	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Endosulfan I	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Linuron	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Phosalone	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Dicofol	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Halowax	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
PBB	Fat	247	0	ppm	247	0	0	0	0	0	0	0	0
Penicillin	Kidney	256	1	ppm	255	0	0	0	0	0	1	0	0
Streptomycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Tetracycline	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Tylosin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Erythromycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Neomycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	256	0	ppm	254	2	0	0	0	0	0	0	0
Gentamycin	Kidney	256	1	ppm	255	0	0	0	0	0	1	0	0
Lincomycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	256	0	ppb	256	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Clindamycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0
Tobramycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0	0

**Table 29a - *continued***  
**Residue Data - Sows**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Kanamycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0
Hygromycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0
Amikacin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0
Aprimycin	Kidney	256	0	ppm	256	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	256	0	ppm	255	0	0	0	0	1	0	0
Swab Pos-Bioa Ne	Kidney	256	0	ppm	256	0	0	0	0	0	0	0
Coumaphos	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Ethion	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Parathion	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Ronnel	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Stirofos	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Chlorpyrifos	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Famphur	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Carbophenothion	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	247	0	ppm	247	0	0	0	0	0	0	0
Phenylbutazone	Fat	247	0	ppb	247	0	0	0	0	0	0	0

**Table 29b**  
**Residue Data by Compound Class - Sows**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	256	2	0.8	2.4
Chlorinated Hydrocarbons	247	0	0	1.2
Chlorinated Organophosphates	247	0	0	1.2
Phenylbutazone	247	0	0	1.2
<b>Total</b>	<b>997</b>	<b>2</b>		

**Table 30a**  
**Residue Data - Roaster Pigs**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Carbadox	Liver	188	2	ppb	186	0	0	0	0	0	0	0

**Table 30b**  
**Residue Data by Compound Class - Roaster Pigs**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Carbadox	188	2	1.1	3.3
<b>Total</b>	<b>188</b>	<b>2</b>		

**Table 31a**  
**Residue Data - Young Chickens**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
BHC	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Chlordane	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Dieldrin	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
DDT	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Endrin	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Heptachlor	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Lindane	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Methoxychlor	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Toxaphene	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
PCB	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
HCB	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Mirex	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Strobane	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Nonachlor	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Endosulfan I	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Linuron	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Phosalone	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Dicofol	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Halowax	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
PBB	Fat	484	0	ppm	484	0	0	0	0	0	0	0	0
Penicillin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Streptomycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	282	0	ppb	282	0	0	0	0	0	0	0	0
Tetracycline	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Tylosin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Erythromycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Neomycin	Kidney	364	1	ppm	363	0	0	0	0	1	0	0	0
Oxytetracycline	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Gentamycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Lincomycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	364	0	ppb	364	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Clindamycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Tobramycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0
Kanamycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0	0

**Table 31a - *continued***  
**Residue Data - Young Chickens**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Hygromycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0
Amikacin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0
Aprimycin	Kidney	364	0	ppm	364	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	364	0	ppm	363	0	0	0	0	1	0	0
Swab Pos-Bioa Ne	Kidney	364	0	ppm	364	0	0	0	0	0	0	0
Coumaphos	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Ethion	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Parathion	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Ronnel	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Stirofos	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Chlorpyrifos	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Famphur	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Carbophenothion	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Chlорfenvinphos	Fat	484	0	ppm	484	0	0	0	0	0	0	0
Arsenic	Liver	547	0	ppm	299	1	1	95	95	53	3	0
Phenylbutazone	Fat	484	0	ppb	484	0	0	0	0	0	0	0

**Table 31b**  
**Residue Data by Compound Class - Young Chickens**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	364	1	3	1.3
Arsenic	547	0	0	0.5
Chloramphenicol	282	0	0	1.1
Chlorinated Hydrocarbons	484	0	0	0.6
Chlorinated Organophosphates	484	0	0	0.6
Phenylbutazone	484	0	0	0.6
<b>Total</b>	<b>2645</b>	<b>1</b>		

**Table 32a**  
**Residue Data - Mature Chickens**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
BHC	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Chlordane	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Dieldrin	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
DDT	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Endrin	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Heptachlor	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Lindane	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Methoxychlor	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Toxaphene	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
PCB	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
HCB	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Mirex	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Strobane	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Nonachlor	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Endosulfan I	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Linuron	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Phosalone	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Dicofol	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Halowax	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
PBB	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Penicillin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Streptomycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	105	0	ppb	105	0	0	0	0	0	0	0	0
Tetracycline	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Tylosin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Erythromycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Neomycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Oxytetracycline	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Chlortetracycline	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Unid Micro Inhib	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Gentamycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Lincomycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Spectinomycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Tilmicosin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Pirlimycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Clindamycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Dihydrostreptomycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Tobramycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0
Kanamycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0	0

**Table 32a - *continued***  
**Residue Data - Mature Chickens**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Hygromycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0
Amikacin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0
Aprimycin	Kidney	278	0	ppm	278	0	0	0	0	0	0	0
Tetracyclines Re	Kidney	278	0	ppm	278	0	0	0	0	0	0	0
Swab Pos-Bioa Ne	Kidney	278	0	ppm	278	0	0	0	0	0	0	0
Coumaphos	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Ethion	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Parathion	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Ronnel	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Stirofos	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Chlorpyrifos	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Famphur	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Carbophenothion	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Chlorfenvinphos	Fat	103	0	ppm	103	0	0	0	0	0	0	0
Phenylbutazone	Fat	103	0	ppb	103	0	0	0	0	0	0	0

**Table 32b**  
**Residue Data by Compound Class - Mature Chickens**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Antibiotics	278	0	0	1.1
Chloramphenicol	105	0	0	2.8
Chlorinated Hydrocarbons	103	0	0	2.9
Chlorinated Organophosphates	103	0	0	2.9
Phenylbutazone	103	0	0	2.9
<b>Total</b>	<b>692</b>	<b>0</b>		

**Table 33a**  
**Residue Data - Young Turkeys**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
BHC	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Chlordane	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Dieldrin	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
DDT	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Endrin	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Heptachlor	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Lindane	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Methoxychlor	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Toxaphene	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
PCB	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
HCB	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Mirex	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Strobane	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Nonachlor	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Endosulfan I	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Linuron	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Phosalone	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Dicofol	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Halowax	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
PBB	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	147	0	ppb	147	0	0	0	0	0	0	0	0
Coumaphos	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Ethion	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Parathion	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Ronnel	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Stirofos	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Famphur	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Carbophenothion	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Chlорenvinphos	Fat	363	0	ppm	363	0	0	0	0	0	0	0	0
Arsenic	Liver	377	0	ppm	363	0	0	9	5	0	0	0	0
Phenylbutazone	Fat	363	0	ppb	363	0	0	0	0	0	0	0	0

**Table 33b**  
**Residue Data by Compound Class - Young Turkeys**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Arsenic	377	0	0	0.8
Chloramphenicol	147	0	0	2
Chlorinated Hydrocarbons	363	0	0	0.8
Chlorinated Organophosphates	363	0	0	0.8
Phenylbutazone	363	0	0	0.8
<b>Total</b>	<b>1613</b>	<b>0</b>		

**Table 34a**  
**Residue Data - Mature Turkeys**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample								
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Aldrin	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
BHC	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Chlordane	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Dieldrin	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
DDT	Fat	103	0	ppm	102	0	0	1	0	0	0	0	0
Endrin	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Heptachlor	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Lindane	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Methoxychlor	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Toxaphene	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
PCB	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
HCB	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Mirex	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Strobane	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Nonachlor	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Endosulfan I	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Linuron	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Phosalone	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Dicofol	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Pentachloroaniline	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Heptachlor Epoxide	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Halowax	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
PBB	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Chloramphenicol	Muscle	103	0	ppb	103	0	0	0	0	0	0	0	0
Coumaphos	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Ethion	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Parathion	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Ronnel	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Stirofos	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Chlorpyrifos	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Famphur	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Carbophenothion	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
Chlорenvinphos	Fat	103	0	ppm	103	0	0	0	0	0	0	0	0
S-Ethoxypyridazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
S-Chloropyridazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
Sulfadimethoxine	Liver	69	1	ppm	68	0	0	0	0	0	0	1	0
Sulfamethazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
S-Chloropyrazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
S-Methoxypyridazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
Sulfamerazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
Sulfathiazole	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
Sulfaquinoxaline	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0
S-Bromomethazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0	0

**Table 34a - *continued***  
**Residue Data - Mature Turkeys**  
**2004 Domestic Monitoring Plan**

Residue	Tissue	Number Samples	Viol- ations	Units	Amount Found in Sample							
					None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Sulfamethiazole	Liver	69	0	ppm	69	0	0	0	0	0	0	0
Sulfanilamide	Liver	69	0	ppm	69	0	0	0	0	0	0	0
Sulfapyridine	Liver	69	0	ppm	69	0	0	0	0	0	0	0
Sulfadiazine	Liver	69	0	ppm	69	0	0	0	0	0	0	0
Sulfadoxine	Liver	69	0	ppm	69	0	0	0	0	0	0	0
Sulfamethoxazole	Liver	69	0	ppm	69	0	0	0	0	0	0	0
Phenylbutazone	Fat	103	0	ppb	103	0	0	0	0	0	0	0

**Table 34b**  
**Residue Data by Compound Class - Mature Turkeys**  
**2004 Domestic Monitoring Plan**

Residue Compound or Compound Class	Samples Tested	Samples Violative	Percent Violative Samples	Upper 95% Confidence Limit
Chloramphenicol	103	0	0	2.9
Chlorinated Hydrocarbons	103	0	0	2.9
Chlorinated Organophosphates	103	0	0	2.9
Phenylbutazone	103	0	0	2.9
Sulfonamides	69	1	1.4	6.7
<b>Total</b>	<b>481</b>	<b>1</b>		

## **COMPOUND CLASS DATA**

Tables 35 to 115 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.

In Tables 35 to 115, 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, 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 III (Analytical Methods, 2003 National Residue Program).

**Table 35**  
**Residue Data - Aldrin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 36**  
**Residue Data - Amikacin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 37**  
**Residue Data - Arsenic (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Goats	Liver	68	0	68	0	0	0	0	0	0	0	0
Young Chickens	Liver	547	0	299	1	1	95	95	53	3	0	0
Young Turkeys	Liver	377	0	363	0	0	9	5	0	0	0	0

**Table 38**  
**Residue Data - Benzene Hexachloride (BHC) (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 39**  
**Residue Data - Carbadox (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Roaster Pigs	Liver	188	2	186	0	0	0	0	0	0	0	2

**Table 40**  
**Residue Data - Carbophenothion (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 41**  
**Residue Data - Chloramphenicol (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Dairy Cows	Muscle	217	0	217	0	0	0	0	0	0	0	0
Fancy Veal	Muscle	100	0	100	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Muscle	70	0	70	0	0	0	0	0	0	0	0
Young Chickens	Muscle	282	0	282	0	0	0	0	0	0	0	0
Mature Chickens	Muscle	105	0	105	0	0	0	0	0	0	0	0
Young Turkeys	Muscle	147	0	147	0	0	0	0	0	0	0	0
Mature Turkeys	Muscle	103	0	103	0	0	0	0	0	0	0	0

**Table 42**  
**Residue Data - Chlordane (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 43**  
**Residue Data - Chlорfenvinphos (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 44**  
**Residue Data - Chlorpyrifos (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 45**  
**Residue Data - Chlortetracycline (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	946	0	0	1	0	0	1	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 46**  
**Residue Data - Cimaterol (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample							
				None	-0.10	-0.20	-0.30	-0.50	1.00	2.50	5.00
Steers	Eyeball	254	0	254	0	0	0	0	0	0	0
Fancy Veal	Eyeball	248	0	248	0	0	0	0	0	0	0
Market Hogs	Eyeball	274	0	274	0	0	0	0	0	0	0

**Table 47**  
**Residue Data - Clenbuterol (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample							
				None	-0.10	-0.20	-0.30	-0.50	1.00	2.50	5.00
Steers	Eyeball	254	0	254	0	0	0	0	0	0	0
Fancy Veal	Eyeball	248	0	248	0	0	0	0	0	0	0
Market Hogs	Eyeball	274	0	274	0	0	0	0	0	0	0

**Table 48**  
**Residue Data - Clindamycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample							
				None	-0.10	-0.20	-0.30	-0.50	1.00	2.50	5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0

**Table 49**  
**Residue Data - Coumaphos (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 50**  
**Residue Data - Dichlorodiphenyltrichloroethane (DDT) (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample									
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00	
Bulls	Fat	263	0	252	3	6	1	1	0	0	0	0	
Steers	Fat	432	0	422	2	4	1	3	0	0	0	0	
Beef Cows	Fat	315	0	307	1	4	2	0	1	0	0	0	
Heifers	Fat	442	0	442	0	3	0	0	0	0	0	0	
Dairy Cows	Fat	305	0	287	4	9	1	2	0	1	0	0	
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0	
Non-formula-fed Veal	Fat	101	1	96	0	1	1	1	0	1	0	1	
Heavy Calves	Fat	244	0	238	2	2	0	0	2	0	0	0	
Mature Sheep	Fat	155	0	152	1	1	0	0	1	0	0	0	
Lambs	Fat	245	0	231	2	10	2	0	0	0	0	0	
Goats	Fat	222	0	221	0	0	0	0	1	0	0	0	
Market Hogs	Fat	445	0	442	0	1	0	1	0	1	0	0	
Boars/Stags	Fat	252	0	244	1	4	0	1	1	1	0	0	
Sows	Fat	247	0	245	0	1	0	0	0	0	1	0	
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0	
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0	
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0	
Mature Turkeys	Fat	103	0	102	0	0	1	0	0	0	0	0	

**Table 51**  
**Residue Data - Dicofol (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 52**  
**Residue Data - Dieldrin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	431	1	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 53**  
**Residue Data - Dihydrostreptomycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 54**  
**Residue Data - Doramectin (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	277	0	277	0	0	0	0	0	0	0	0
Beef Cows	Liver	285	0	285	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	63	0	63	0	0	0	0	0	0	0	0
Mature Sheep	Liver	74	1	73	0	0	0	0	0	0	0	1
Goats	Liver	232	0	232	0	0	0	0	0	0	0	0

**Table 55**  
**Residue Data - Endosulfan I (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 56**  
**Residue Data - Endrin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 57**  
**Residue Data - Erythromycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 58**  
**ResidueData - Ethion (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 59**  
**Residue Data - Famphur (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 60**  
**Residue Data - Florfenicol (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Dairy Cows	Liver	50	0	50	0	0	0	0	0	0	0	0
Fancy Veal	Liver	63	0	63	0	0	0	0	0	0	0	0

**Table 61**  
**Residue Data - Flunixin (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Dairy Cows	Liver	213	3	210	0	1	1	0	1	0	0	0

**Table 62**  
**Residue Data - Gentamycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	1	468	0	0	0	1	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	1	140	0	0	0	0	1	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	1	243	0	1	0	0	0	0	1	0
Sows	Kidney	256	1	255	0	0	0	0	1	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 63**  
**Residue Data - Halowax (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	2	250	0	0	0	0	0	0	0	2
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 64**  
**Residue Data - Heptachlor (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 65**  
**Residue Data - Heptachlor Epoxide (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 66**  
**Residue Data - Hexachlorobenzene (HCB) (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	1	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 67**  
**Residue Data - Hygromycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 68**  
**Residue Data - Ivermectin (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	277	2	270	0	0	0	0	0	0	0	7
Beef Cows	Liver	285	0	283	0	0	0	0	0	0	0	2
Non-formula-fed Veal	Liver	63	0	62	0	0	0	0	0	0	0	1
Mature Sheep	Liver	74	0	73	0	0	0	0	0	0	0	1
Goats	Liver	232	1	231	0	0	0	0	0	0	0	1

**Table 69**  
**Residue Data - Kanamycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 70**  
**Residue Data - Lindane (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 71**  
**Residue Data - Linuron (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 72**  
**Residue Data - Melengestrol Acetate (MGA) (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Heifers	Fat	238	0	218	20	0	0	0	0	0	0	0

**Table 73**  
**Residue Data - Methoxychlor (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 74**  
**Residue Data - Mirex (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 75**  
**Residue Data - Moxidectin (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	277	0	273	0	0	0	0	0	0	0	4
Beef Cows	Liver	285	0	285	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	63	0	63	0	0	0	0	0	0	0	0
Mature Sheep	Liver	74	0	74	0	0	0	0	0	0	0	0
Goats	Liver	232	11	221	0	0	0	0	0	0	0	11

**Table 76**  
**Residue Data - Neomycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	438	0	0	0	0	0	0	0	1
Bob Veal	Kidney	377	15	362	0	0	0	0	0	3	4	8
Fancy Veal	Kidney	111	7	104	0	0	0	2	1	2	1	1
Non-formula-fed Veal	Kidney	97	2	95	0	0	0	0	0	0	1	1
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	1	363	0	0	0	0	1	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 77**  
**Residue Data - Nonachlor (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 78**  
**Residue Data - Oleandomycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 79**  
**Residue Data - Oxytetracycline (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 80**  
**Residue Data - Parathion (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 81**  
**Residue Data - Penicillin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	3	436	0	0	2	0	1	0	0	0
Bob Veal	Kidney	377	1	376	0	0	0	1	0	0	0	0
Fancy Veal	Kidney	111	1	110	1	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	1	255	0	0	0	0	0	1	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 82**  
**Residue Data - Pentachloroaniline (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 83**  
**Residue Data - Phenylbutazone (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 84**  
**Residue Data - Phosalone (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 85**  
**Residue Data - Pirlimycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 86**  
**Residue Data - Polybrominated Biphenyls (PBB) (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample							
				None	0.10	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51
Bulls	Fat	263	0	263	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0

**Table 87**  
**Residue Data - Polychlorinated Biphenyls (PCB) (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 88**  
**Residue Data - Ronnel (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 89**  
**Residue Data - Salbutamol (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	-0.01	-0.11	-0.21	-0.31	-0.51	-1.01	-2.51	Over 5.00
Steers	Eyeball	254	0	254	0	0	0	0	0	0	0	0
Fancy Veal	Eyeball	248	0	248	0	0	0	0	0	0	0	0
Market Hogs	Eyeball	274	0	274	0	0	0	0	0	0	0	0

**Table 90**  
**Residue Data - Spectinomycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	322	1	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 91**  
**Residue Data - Stirofos (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 92**  
**Residue Data - Streptomycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 93**  
**Residue Data - Strobane (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 94**  
**Residue Data - Sulfabromomethazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 95**  
**Residue Data - Sulfachloropyrazine**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 96**  
**Residue Data - Sulfachloropyridazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 97**  
**Residue Data - Sulfadiazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 98**  
**Residue Data - Sulfadimethoxine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	363	1	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	1	68	0	0	0	0	0	1	0	0

**Table 99**  
**Residue Data - Sulfadoxine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 100**  
**Residue Data - Sulfaethoxypridazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 101**  
**Residue Data - Sulfamerazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 102**  
**Residue Data - Sulfamethaxazole (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 103**  
**Residue Data - Sulfamethazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	294	1	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	1	363	0	0	0	0	0	0	0	1
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	2	908	0	2	0	0	0	0	0	0
Boars/Stags	Liver	319	0	318	1	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 104**  
**Residue Data - Sulfamethoxypyridazine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 105**  
**Residue Data - Sulfanilamide (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 106**  
**Residue Data - Sulfapyridine (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 107**  
**Residue Data - Sulfaquinoxaline (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	0	910	0	0	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 108**  
**Residue Data - Sulfathiazole (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Liver	317	0	317	0	0	0	0	0	0	0	0
Steers	Liver	319	0	319	0	0	0	0	0	0	0	0
Beef Cows	Liver	295	0	295	0	0	0	0	0	0	0	0
Dairy Cows	Liver	296	0	296	0	0	0	0	0	0	0	0
Bob Veal	Liver	364	0	364	0	0	0	0	0	0	0	0
Fancy Veal	Liver	152	0	152	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Liver	143	0	143	0	0	0	0	0	0	0	0
Heavy Calves	Liver	268	0	268	0	0	0	0	0	0	0	0
Lambs	Liver	230	0	230	0	0	0	0	0	0	0	0
Market Hogs	Liver	910	1	909	0	1	0	0	0	0	0	0
Boars/Stags	Liver	319	0	319	0	0	0	0	0	0	0	0
Mature Turkeys	Liver	69	0	69	0	0	0	0	0	0	0	0

**Table 109**  
**Residue Data - Tetracycline (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	110	0	0	0	0	0	1	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 110**  
**Residue Data - Tetracyclines Recovered (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	436	0	0	0	0	3	0	0	0
Bob Veal	Kidney	377	0	374	0	0	0	0	3	0	0	0
Fancy Veal	Kidney	111	0	101	0	0	0	0	10	0	0	0
Non-formula-fed Veal	Kidney	97	0	95	0	0	0	0	2	0	0	0
Heavy Calves	Kidney	141	0	140	0	0	0	0	1	0	0	0
Lambs	Kidney	222	0	220	0	0	0	0	2	0	0	0
Market Hogs	Kidney	948	0	920	0	0	0	0	28	0	0	0
Boars/Stags	Kidney	245	0	242	0	0	0	0	3	0	0	0
Sows	Kidney	256	0	255	0	0	0	0	1	0	0	0
Young Chickens	Kidney	364	0	363	0	0	0	0	1	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 111**  
**Residue Data - Tilmicosin (ppb)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	1	376	0	0	0	0	0	0	0	1
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	1	96	0	0	0	0	0	0	1	0
Heavy Calves	Kidney	141	1	140	0	0	0	0	0	1	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 112**  
**Residue Data - Tobramycin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

**Table 113**  
**Residue Data - Toxaphene (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Bulls	Fat	263	0	263	0	0	0	0	0	0	0	0
Steers	Fat	432	0	432	0	0	0	0	0	0	0	0
Beef Cows	Fat	315	0	315	0	0	0	0	0	0	0	0
Heifers	Fat	442	0	442	0	0	0	0	0	0	0	0
Dairy Cows	Fat	305	0	305	0	0	0	0	0	0	0	0
Fancy Veal	Fat	263	0	263	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Fat	101	0	101	0	0	0	0	0	0	0	0
Heavy Calves	Fat	244	0	244	0	0	0	0	0	0	0	0
Mature Sheep	Fat	155	0	155	0	0	0	0	0	0	0	0
Lambs	Fat	245	0	245	0	0	0	0	0	0	0	0
Goats	Fat	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Fat	445	0	445	0	0	0	0	0	0	0	0
Boars/Stags	Fat	252	0	252	0	0	0	0	0	0	0	0
Sows	Fat	247	0	247	0	0	0	0	0	0	0	0
Young Chickens	Fat	484	0	484	0	0	0	0	0	0	0	0
Mature Chickens	Fat	103	0	103	0	0	0	0	0	0	0	0
Young Turkeys	Fat	363	0	363	0	0	0	0	0	0	0	0
Mature Turkeys	Fat	103	0	103	0	0	0	0	0	0	0	0

**Table 114**  
**Residue Data - Tylosin (ppm)**  
**2004 Domestic Monitoring Plan**

Production Class	Tissue	Number Samples	Violations	Amount Found in Sample								
				None	0.10	0.20	0.30	0.50	1.00	2.50	5.00	Over 5.00
Beef Cows	Kidney	323	0	323	0	0	0	0	0	0	0	0
Heifers	Kidney	469	0	469	0	0	0	0	0	0	0	0
Dairy Cows	Kidney	439	0	439	0	0	0	0	0	0	0	0
Bob Veal	Kidney	377	0	377	0	0	0	0	0	0	0	0
Fancy Veal	Kidney	111	0	111	0	0	0	0	0	0	0	0
Non-formula-fed Veal	Kidney	97	0	97	0	0	0	0	0	0	0	0
Heavy Calves	Kidney	141	0	141	0	0	0	0	0	0	0	0
Lambs	Kidney	222	0	222	0	0	0	0	0	0	0	0
Market Hogs	Kidney	948	0	948	0	0	0	0	0	0	0	0
Boars/Stags	Kidney	245	0	245	0	0	0	0	0	0	0	0
Sows	Kidney	256	0	256	0	0	0	0	0	0	0	0
Young Chickens	Kidney	364	0	364	0	0	0	0	0	0	0	0
Mature Chickens	Kidney	278	0	278	0	0	0	0	0	0	0	0

## **ENFORCEMENT (INSPECTOR GENERATED) RESULTS**

Enforcement 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 AN FSIS LABORATORY**

### **SWAB-TEST ON PREMISES (STOP)**

FSIS used STOP to screen 6,352 animals for antibiotic, sulfonamide, and non-steroidal anti-inflammatory residues. FSIS laboratories confirmed 13 violations in 13 animals. There were 1 gentamicin, 2 oxytetracycline, 9 penicillin, and 1 sulfamethazine residue violations. Table 115a, *Swab Test on Premises*, presents the screening test results by production class. Table 115b, *Specific STOP Violative Residue*, presents specific results for antibiotic, sulfonamide, and non-steroidal anti-inflammatory drug residues.

**Table 115a**  
**Swab-Test on Premises**  
**2004 Domestic Enforcement Results**

<b>Production Class</b>	<b>Number of analyses</b>	<b>Number of animals with violations</b>	<b>Percent violations</b>
Horses	111	0	0
Bulls	80	0	0
Steers	518	1	0.19
Beef cows	477	1	0.21
Heifers	170	1	0.59
Dairy cows	198	3	1.52
Formula fed veal	1	0	0
Heavy calves	54	0	0
Mature sheep	2	0	0
Lamb	229	0	0
Goat	22	0	0
Boar/stags	41	0	0
Market hogs	3427	3	0.09
Sows	1022	4	0.39
<b>Total</b>	<b>6352</b>	<b>13</b>	

**Table 115b**  
**Specific STOP Violative Residues**  
**2004 Domestic Enforcement Results**

Production Class	Antibiotic, Sulfonamide, and Non-steroidal anti-inflammatory Compounds				Total
	Gentamicin	Oxytetra-cycline	Penicillin	Sulfamethazine	
Steers	1	0	0	0	<b>1</b>
Beef cows	0	1	0	0	<b>1</b>
Heifers	0	0	1	0	<b>1</b>
Dairy cows	0	1	2	0	<b>3</b>
Market Hogs	0	0	2	1	<b>3</b>
Sows	0	0	4	0	<b>4</b>
<b>Total</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>13</b>

## **FAST ANTIMICROBIAL SCREEN TEST (FAST)**

FSIS used FAST to screen 147,054 animals for antibiotic, sulfonamide and non-steroidal anti-inflammatory residues. FSIS laboratories confirmed 1,606 violations in 1,449 animals. There were 1 amikacin, 1 chlortetracycline, 144 gentamicin, 1 kanamycin, 685 neomycin, 50 oxytetracycline, 437 penicillin, 13 tetracycline, 31 tilmicosin, 3 tylosin, 142 sulfadimethoxine, 52 sulfamethazine, 7 sulfamethoxazole, 1 sulfathiazole, and 38 flunixin residue violations. Table 116a, *Fast Antimicrobial Screen Test*, presents the screening test results by production class. Table 116b, *Specific FAST Violative Residue*, presents specific results for antibiotic, sulfonamide, and non-steroidal anti-inflammatory drug residues.

**Table 116a**  
**Fast Antimicrobial Screen Test**  
**2004 Domestic Enforcement Results**

<b>Production Class</b>	<b>Number of analyses</b>	<b>Number of animals with violations</b>	<b>Percent violations</b>
Horses	6	0	0
Bulls	601	11	1.83
Steers	4,720	12	0.25
Beef cows	6,166	44	0.71
Heifers	2,609	16	0.58
Dairy cows	84,852	602	0.71
Bob veal <sup>2</sup>	46,775	744	1.59
Formula-fed veal	612	6	0.98
Non-formula-fed veal	49	2	4.08
Heavy calves	519	12	2.31
Mature sheep	14	0	0
Lamb	33	0	0
Goat	8	0	0
Market hogs	60	0	0
Boar/stags	4	0	0
Sows	24	0	0
Roaster pigs	2	0	0
<b>TOTAL</b>	<b>147,054</b>	<b>1,449</b>	

<sup>2</sup> The total analyzed includes both surveillance testing (testing of a suspect population) and enforcement testing (testing of suspect animals).

**Table 116b**  
**Specific FAST Violative Residues**  
**2004 Domestic Residue Plan Results**

Production Class	Antibiotic, Sulfonamide, and Non-steroidal anti-inflammatory Compounds														Total	
	Amikacin	Chlor-tetra-cycline	Genta-mycin	Kan-amycin	Neo-mycin	Oxy-tetra-cycline	Peni-cillin	Tetra cycline	Tilmi-cosin	Tylo-sin	Sulfadi-methoxine	Sulfa-metha-zine	Sulfa-metho-xazole	Sulfa-thia-zole	Fluni-xin	
Bulls <sup>3</sup>	0	0	3	0	0	1	3	0	1	0	2	2	0	0	0	<b>12</b>
Steers <sup>3</sup>	0	0	3	0	0	2	5	0	2	0	0	2	0	0	1	<b>15</b>
Beef Cows <sup>3</sup>	0	0	13	0	2	3	18	0	6	1	4	3	0	0	0	<b>50</b>
Heifers <sup>3</sup>	0	0	2	0	0	2	9	0	1	0	2	2	0	0	0	<b>18</b>
Diary cows <sup>3</sup>	1	0	80	1	24	26	353	7	15	1	105	15	0	0	37	<b>665</b>
Bob veal <sup>3</sup>	0	1	31	0	655	15	48	5	3	1	28	26	7	1	0	<b>821</b>
Formula fed-veal <sup>3</sup>	0	0	3	0	3	0	0	1	1	0	0	0	0	0	0	<b>8</b>
Non-formula-fed-veal <sup>3</sup>	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	<b>3</b>
Heavy Calves <sup>3</sup>	0	0	7	0	0	1	1	0	2	0	1	2	0	0	0	<b>14</b>
<b>Totals</b>	<b>1</b>	<b>1</b>	<b>144</b>	<b>1</b>	<b>685</b>	<b>50</b>	<b>437</b>	<b>13</b>	<b>31</b>	<b>3</b>	<b>142</b>	<b>52</b>	<b>7</b>	<b>1</b>	<b>38</b>	<b>1,606</b>

<sup>3</sup> Multiple violations were found in these animals

## **SAMPLES ANALYZED ONLY IN A FSIS LABORATORY**

### **ANTIBIOTIC AND SULFONAMIDE**

FSIS analyzed samples from 51 animals for antibiotics and sulfonamides. FSIS laboratories confirmed 7 violations in 7 animals. There were 2 penicillin, 1 gentamicin, 1 oxytetracycline, 1 neomycin, and 2 sulfadimethoxine residue violations. Table 117a, *Antibiotics and Sulfonamides*, presents testing results by production class. Table 117b, *Specific Antibiotic and Sulfonamide Violative Residues*, presents specific results detected within the class.

**Table 117a**  
**Antibiotics and Sulfonamides**  
**2004 Domestic Enforcement Results**

<b>Production Class</b>	<b>Number of analyses</b>	<b>Number of animals with violations</b>	<b>Percent violations</b>
Bull	1	0	0
Steer	3	0	0
Beef cow	12	2	16.7
Bob veal	1	0	0
Dairy cow	17	5	29.4
Formula fed veal	9	0	0
Lambs	3	0	0
Goats	1	0	0
Market hogs	3	0	0
Chickens	1	0	0
<b>Total</b>	<b>51</b>	<b>7</b>	

**Table 117b**  
**Specific Antibiotic and Sulfonamide Violative Residues**  
**2004 Domestic Enforcement Results**

<b>Production Class</b>	<b>Antibiotic and Sulfonamide Compounds</b>					<b>Total</b>
	Gentamicin	Oxytetra-cycline	Penicillin	Neomycin	Sulfadi-methoxine	
Beef cows	1	0	0	1	0	2
Diary cows	0	1	2	0	2	5
<b>Total</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>7</b>

## **FLUNIXIN**

Analysis was conducted on one beef cow sample and one violation was found.

## **ARSENIC**

Analysis was conducted on one egg product and four chicken samples. No violations were found.

## **DIETHYLDIESTROL AND ZERANOL**

FSIS laboratory analyzed 70 formula-fed veal samples for zeranol and no violations were found. FSIS analyzed 68 formula-fed veal samples for diethylstilbestrol and no violations were found.

## **CHLORINATED HYDROCARBONS/ CHLORINATED ORGANOPHOSPHATES**

Analysis was conducted on one heifer sample and no violations were found.

## **PHENYLBUTAZONE**

Analysis was conducted on one heifer sample and no violations were found.

## **RACTOPAMINE**

Analysis was conducted on two lamb samples and no violations were found.

## **SULFONAMIDES**

Analysis was conducted on three chicken, one young chicken, and one egg product sample. No violations were found.

## **DOMESTIC SURVEILLANCE RESULTS**

FSIS conducted surveillance sampling for sulfonamides in market hogs; sulfonamides and antibiotics in bob veal; and antibiotics, sulfonamides, *beta*-agonists, ractopamine, and flunixin in show animals.

### **SULFA-ON-SITE (SOS)**

The SOS test was used to screen 141 market hogs for sulfonamides. The FSIS laboratory confirmed one violation for sulfamethazine.

### **FAST ANTIMICROBIAL SCREEN TEST (FAST) ON BOB VEAL**

The FAST was used to screen 46,775 bob veal for antibiotics and sulfonamides. The total bob veal tested included both surveillance sampling (testing of a suspect population) and enforcement sampling (testing of suspect animals). Of the animals tested, 821 FSIS laboratory confirmed violations were found in 744 animals. The residue violations consisted of 1 chlortetracycline, 48 penicillin, 5 tetracycline, 1 tylosin, 655 neomycin, 15 oxytetracycline, 31 gentamicin, 3 tilmicosin, 28 sulfadimethoxine, 26 sulfamethazine, 7 sulfamethoxazole, and 1 sulfathiazole.

### **SHOW ANIMALS**

FSIS conducted analyses for *beta*-agonists on 13 steers, 2 heifers, 21 market hogs, and 8 lambs, and no violations were found. No violations were found in two lambs and six market hogs tested for ractopamine. No violations were found in two lambs and five market hogs tested for antibiotics and sulfonamides. No violation was found in one steer tested for flunixin.

# **EXPLORATORY PROJECTS RESULTS**

## **MARKET HOGS AT VERY SMALL SLAUGHTER PLANTS**

This project assessed the sulfonamide and antibiotic residue violation rate in very small market hog slaughter plants. The information obtained from this project will be used to determine if the sulfonamide and antibiotic violation rate in market hogs slaughtered at very small slaughter plants differs from the violation rate of market hogs slaughtered at large slaughter plants. Table 118a, *Market Hogs*, presents testing results by compound class. Table 118b, *Specific Antibiotic and Sulfonamides Violative Residues in Market Hogs*, presents the specific antibiotic or sulfonamide detected.

**Table 118a  
Market Hogs  
2004 FSIS Exploratory Results**

<b>Compound Class</b>	<b>Number of analyses</b>	<b>Number of non-violative positives</b>	<b>Number of violations</b>	<b>Percent violations</b>
Antibiotics	674	33	1	0.15
Sulfonamides	675	9	5	0.74

**Table 118b  
Specific Antibiotic and Sulfonamide Violative Residues  
In Market Hogs  
2004 FSIS Exploratory Results**

<b>Antibiotic Compound</b>	<b>Sulfonamide Compound</b>	<b>Total</b>
Pencillin	Sulfamethazine	
1	5	6

## EQUINE

FSIS initiated an alternate testing strategy to ensure equine products exported from the U.S. meet European Union testing requirements in 2004. FSIS scheduled random sampling in which inspectors were requested to collect random samples from horses presented for slaughter. The horse samples were tested for antibiotics, avermectins, chlorinated hydrocarbons/chlorinated organophosphates (CHCs/COPs), flunixin, phenylbutazone, and sulfonamides. Sampled carcasses were held pending laboratory results. Table 119a, *Horses*, presents testing results by compound class. Table 119b, *Specific Violative Residues in Horses*, presents the specific residue detected.

**Table 119a  
Horses  
2004 FSIS Exploratory Results**

Compound Class	Number of analyses	Number of non-violative positives	Number of violations	Percent violations
Antibiotics	15	0	2	13.0
Avermectins	17	0	0	0.0
CHCs/COPs/Phenylbutazone	15	0	1	0.0
Flunixin	5	0	0	0.0
Sulfonamides	17	0	0	0.0
<b>Total</b>	<b>69</b>	<b>0</b>	<b>3</b>	

**Table 119b  
Specific Violative Residues in Horses  
2004 FSIS Exploratory Results**

Antibiotic Compound	Non-steroidal anti-inflammatory Compound	Total
Pencillin	Phenylbutazone	
2	1	3

## FAST-FLUNIXIN

From 2003-2004, FSIS conducted a one-year exploratory project to determine if the symptoms that warrant collection of samples to be screened by FAST are indicative of possible flunixin residues in cattle. Samples from suspect animals that tested either positive or negative for antibiotics and sulfonamides with FAST were then analyzed for flunixin. In the first six months of the study, downer cattle were sampled while in the last six months, no downer cattle were included. In calendar year 2003, 408 samples were collected and analyzed, and in 2004, 330 samples were collected and analyzed. Table 120a, *FAST Flunixin*, presents the testing results by production class in 2003. Table 120b, *Specific Violative Residues in FAST-Flunixin*, presents the specific residue detected in 2003. Table 121a, *FAST Flunixin*, presents testing results by production class in 2004. Table 121b, *Specific Violative Residues in FAST-Flunixin*, presents the specific residue detected in 2004.

**Table 120a  
FAST-Flunixin  
2003 FSIS Exploratory Results**

Production Class	FAST Positive Samples			FAST Negative Samples			Total Number of Samples
	Number of FAST positive samples	Number of Antibiotic and Sulfonamide violations	Number of Flunixin Violations	Number of FAST negative samples	Number of Antibiotic and Sulfonamide violations	Number of Flunixin Violations	
Bulls	0	0	0	1	0	0	1
Steers	0	0	0	1	0	0	1
Beef cows	1	0	0	4	0	0	5
Heifers	0	0	0	1	0	0	1
Dairy cows	109	34	21	291	0	15	400
<b>Total</b>	<b>110</b>	<b>34</b>	<b>21</b>	<b>298</b>	<b>0</b>	<b>15</b>	<b>408</b>

**Table 120b**  
**Specific Violative Residues in FAST-Flunixin**  
**2003 FSIS Exploratory Results**

Production Class	Antibiotic, Sulfonamide, and Non-steroidal anti-inflammatory Compounds							Total
	Genta-mycin	Neo-mycin	Peni-cillin	Tetra-cycline	Sulfadimethoxine	Sulfame-thazine	Flunixin	
Dairy Cows <sup>4</sup>	7	1	14	2	9	1	36	70
<b>Total</b>	<b>7</b>	<b>1</b>	<b>14</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>36</b>	<b>70</b>

<sup>4</sup> Multiple violations were found in these animals

**Table 121a**  
**FAST-Flunixin**  
**2004 FSIS Exploratory Results**

Production Class	FAST Positive Samples			FAST Negative Samples			Total Number of Samples
	Number of FAST positive samples	Number of Antibiotic and Sulfonamide violations	Number of Flunixin Violations	Number of FAST negative samples	Number of Antibiotic and Sulfonamide violations	Number of Flunixin Violations	
Bulls	0	0	0	1	0	0	1
Steers	0	0	0	2	0	0	2
Beef cows	0	0	0	6	0	0	6
Heifers	1	1	0	0	0	0	1
Dairy cows	67	26	10	252	0	4	319
Bob veal	0	0	0	1	0	0	1
<b>Total</b>	<b>68</b>	<b>27</b>	<b>10</b>	<b>262</b>	<b>0</b>	<b>4</b>	<b>330</b>

**Table 121b**  
**Specific Violative Residues**  
**FAST-Flunixin**  
**2004 FSIS Exploratory Results**

Production Class	Antibiotic, Sulfonamide, and Non-steroidal anti-inflammatory Compounds						Total
	Genta-mycin	Neo-mycin	Peni-cillin	Tilmi-cosin	Sulfadimetho-xine	Flunixin	
Heifers	1	0	0	0	0	0	<b>1</b>
Dairy Cows <sup>5</sup>	4	1	13	1	7	14	<b>40</b>
<b>Total</b>	<b>5</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>7</b>	<b>14</b>	<b>41</b>

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<sup>5</sup> Multiple violations were found in these animals

## **NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAID)**

FAST-positive samples collected from dairy cows were additionally analyzed for the following NSAIDs: flunixin, phenylbutazone, and dipyrone. The goals of the project were: 1) to examine the feasibility of including flunixin, phenylbutazone, and dipyrone in enforcement testing along with antibiotics and sulfonamides; and 2) to demonstrate that dairy cows exhibiting inflammatory conditions are at risk of being violative for flunixin, phenylbutazone, dipyrone, antibiotics and sulfonamides. Table 122a, *Non-steroidal anti-inflammatory compounds*, presents testing results by compound class. Table 122b, *Specific Non-steroidal anti-inflammatory Compounds Residues*, presents the specific residue detected. Both, Table 122a and Table 122b contain laboratory data of the samples collected and analyzed in 2004.

**Table 122a  
Non-steroidal anti-inflammatory Compounds  
2004 FSIS Exploratory Results**

Production Class	Number of analyses	Number of violations
Dairy cows	144	7

**Table 122b  
Specific Non-steroidal anti-inflammatory Compounds  
Residues  
2004 FSIS Exploratory Results**

Production Class	Non-steroidal anti-inflammatory Compounds			Total
	Dipyrone	Flunixin	Phenylbutazone	
Diary cows	0	7	0	7

## **ENVIRONMENTAL CONTAMINANTS**

FSIS conducted an exploratory project to survey the prevalence of heavy metals, lead and cadmium in dairy cows, boars/stags, and mature chickens. Sampling for the survey began in 2003 (October through December) and continued in 2004. The results of the samples collected during CY 2003 are summarized in tables 123 and 124. The results of the samples collected in CY 2004 are presented in table 125 through 127. Samples with cadmium levels less than 10 ppb or lead levels less than 25 ppb are represented by a zero (0) in tables 123 to 127.

**Table 123**  
**Lead and Cadmium**  
**2003 FSIS Exploratory Results**

Cadmium (ppb)/heifers		
Tissues		
Kidney	Liver	Muscle
416.90	53.45	0
197.40	32.19	0
248.80	41.54	0
100.20	11.56	0
386.30	54.27	0
94.13	21.23	0
24.96	0	*
109.70	21.05	0
396.80	77.90	0
31.10	0	0
59.48	14.00	0
98.72	25.87	0
326.00	44.04	0
193.20	75.24	0
650.80	120.30	0
103.00	29.97	0
193.40	29.63	0
130.60	31.40	0
633.30	89.74	0
199.00	57.59	0
157.30	26.89	0
73.50	21.44	0
238.00	29.99	0
34.59	0	0
146.50	36.09	0
528.40	123.90	0
177.50	32.48	0
205.10	30.83	0
94.53	18.09	0
266.50	55.50	0
55.98	14.46	0
95.42	39.72	0
133.00	30.58	0
142.90	32.59	0
119.40	36.00	0
123.20	19.93	0
60.88	18.21	0
52.63	12.50	0
57.84	30.85	0
134.90	23.76	0

Lead (ppb)/heifers		
Tissues		
Kidney	Liver	Muscle
61.24	0	0
50.37	0	0
0	0	0
36.86	0	0
74.88	31.06	0
293.20	0	0
89.48	53.44	*
36.84	0	0
28.24	0	0
68.40	34.38	0
0	0	0
0	0	0
0	0	0
47.90	32.41	0
37.12	0	0
44.84	31.34	0
38.44	0	0
25.26	0	0
27.08	0	0
38.56	25.02	0
60.61	49.97	0
0	0	0
45.16	0	0
0	0	0
131.10	50.28	0
33.38	32.52	0
0	0	0
45.29	31.54	0
31.70	0	0
137.70	109.10	0
40.15	0	0
32.37	41.55	0
0	0	0
0	0	0
27.52	0	0
26.59	0	0
42.81	0	0
31.64	0	0
54.08	0	0
60.66	29.04	0

**Table 123 - *continued***  
**Lead and Cadmium**  
**2003 FSIS Exploratory Results**

Cadmium (ppb)/heifers		
Tissues		
Kidney	Liver	Muscle
62.11	16.14	0
108.00	35.48	0
79.23	0	0
55.40	29.80	0
116.80	19.60	0
242.50	75.71	0
155.10	53.61	0
49.70	12.87	0

Lead (ppb)/heifers		
Tissues		
Kidney	Liver	Muscle
186.00	78.11	0
30.00	0	0
0	0	0
0	0	0
31.50	0	0
115.10	75.64	0
25.42	0	0
33.83	0	0

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\* Data not available

**Table 124**  
**Lead and Cadmium**  
**2003 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
289.00	142.90	0
913.00	178.30	0
235.80	62.71	0
390.80	63.86	0
96.71	17.85	0
703.00	113.70	0
1094.00	347.00	0
747.80	105.30	0
154.00	26.01	0
288.00	102.30	0
725.60	104.10	0
927.40	181.10	0
139.00	30.78	0
250.30	84.97	0
323.00	72.96	0
319.80	155.30	0
288.00	45.93	0
252.60	89.43	0
448.00	77.85	0
528.60	80.10	0
2834.00	414.90	0
285.60	56.53	0
239.60	41.66	0
322.50	54.92	0
769.40	123.50	0
334.50	52.30	0
367.90	34.51	0
151.00	64.21	0
208.90	80.27	0
727.30	186.10	0
265.00	76.60	0
127.90	27.74	0
982.90	142.40	0
421.70	78.79	0
390.70	89.45	0
181.40	78.61	0
819.20	163.80	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
0	0	0
70.37	0	0
26.63	0	0
0	0	0
0	0	0
0	0	0
0	0	0
57.02	33.18	0
33.68	0	0
34.07	0	0
0	0	0
30.26	0	0
0	0	0
47.69	34.11	0
34.97	0	0
0	0	0
28.58	31.10	0
26.53	0	0
87.99	82.53	0
33.00	41.84	0
0	0	0
0	0	0
85.37	0	0
47.55	27.19	0
25.62	29.12	0
0	0	0
43.56	88.23	0
28.45	28.63	0
30.27	28.97	0
0	0	0
26.23	0	0
42.81	0	0
0	0	0
51.93	53.28	0
381.80	221.90	0

**Table 124 - *continued***  
**Lead and Cadmium**  
**2003 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
429.40	135.50	0
841.40	60.93	0
271.80	65.90	0
99.45	42.05	0
174.70	67.99	0
951.70	139.70	0
433.30	55.10	0
444.40	86.28	0
352.20	68.56	0
254.70	44.37	0
475.40	82.78	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
0	0	0
0	0	0
879.60	401.00	0
0	48.66	0
0	0	0
73.10	92.48	0
39.16	0	0
33.32	0	0
0	0	0
0	0	0
0	0	0

**Table 125**  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
250.40	71.00	0
811.30	78.24	0
253.10	39.40	0
578.50	117.00	0
263.50	66.10	0
434.00	67.00	0
294.80	52.75	0
475.80	109.80	0
1263.00	194.20	0
965.20	139.90	0
264.00	44.19	0
308.00	65.70	0
41.81	156.00	0
537.00	62.61	0
550.80	57.96	0
314.00	83.18	0
441.00	91.43	0
606.40	106.00	0
173.10	34.76	0
2569.00	198.90	0
438.10	90.72	0
238.90	58.53	0
996.30	46.09	0
522.50	68.26	0
1112.00	63.51	0
641.80	87.30	0
168.00	42.50	0
956.50	141.40	0
469.20	98.00	0
3402.00	278.00	0
793.80	140.70	0
594.00	146.80	0
220.00	173.50	0
793.30	166.80	0
204.50	71.46	0
195.30	40.84	0
400.20	43.32	0
391.50	48.52	0
659.00	124.50	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
51.06	29.15	0
26.52	0	0
32.20	0	0
0	0	0
175.80	43.23	0
60.43	69.44	0
41.22	0	0
40.70	32.19	0
0	0	0
43.25	31.58	0
0	0	0
57.48	0	0
0	0	0
36.38	0	0
78.89	59.15	0
0	0	0
0	0	0
176.90	96.48	0
65.20	89.08	0
45.51	40.44	0
70.76	52.18	0
161.40	115.10	79.79
0	0	0
39.64	0	0
0	0	0
0	0	0
37.08	0	0
28.64	41.27	0
0	33.55	0
145.60	253.20	0
45.62	0	0
61.50	36.75	0
25.44	0	0
30.61	0	0
32.74	0	0
0	0	0
0	0	0
28.52	29.65	0
0	0	0

**Table 125 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
610.40	158.10	0
878.10	126.90	0
82.47	13.11	0
440.50	35.80	0
604.50	129.60	0
265.90	54.15	0
546.60	106.50	0
294.00	83.25	0
251.00	45.16	0
398.80	77.50	0
1157.00	183.30	0
356.50	99.19	0
111.10	24.58	0
78.67	18.41	0
185.10	43.92	0
305.00	81.41	0
719.20	119.30	0
142.60	0	0
225.80	56.70	0
294.00	58.55	0
1190.00	129.40	0
818.70	103.00	0
199.80	35.81	0
432.20	123.00	16.85
471.40	69.79	0
179.70	50.29	0
138.70	51.80	0
184.90	47.16	0
91.08	19.57	0
543.00	88.43	0
178.10	47.60	0
151.00	53.93	0
328.30	37.91	0
253.20	84.30	0
1236.00	142.00	0
81.60	31.95	0
387.40	64.80	0
481.70	44.17	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
29.87	40.53	0
37.89	36.49	0
0	0	0
27.09	84.15	0
41.67	0	0
57.41	48.57	0
0	0	0
72.49	0	0
25.02	39.52	0
0	0	0
0	0	0
188.10	160.80	0
0	0	0
0	0	0
0	0	0
37.15	0	0
38.69	32.63	0
0	0	0
51.15	0	0
0	0	0
37.24	0	0
83.14	81.37	0
0	0	0
30.06	0	0
65.53	33.63	0
27.41	43.77	0
75.30	63.14	0
33.87	0	0
31.29	0	0
30.86	43.60	0
37.76	27.35	0
72.47	30.99	0
25.76	0	0
45.37	53.40	0
106.10	44.64	0
25.97	0	0
50.89	0	0
71.97	29.58	0

**Table 125 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
251.20	35.57	0
557.80	76.47	0
114.20	25.73	0
370.00	57.84	0
230.00	97.87	0
530.10	149.00	0
241.70	65.89	0
463.70	157.80	0
306.70	55.51	0
335.00	47.28	*
662.30	55.54	0
417.30	64.97	0
1338.00	229.90	0
218.60	84.05	0
276.30	40.40	0
259.40	89.20	0
271.20	26.17	0
507.00	41.90	0
340.00	28.67	0
322.80	44.90	0
108.20	29.43	0
119.30	28.77	0
146.40	23.08	0
62.78	28.85	0
189.90	29.62	0
392.50	94.67	0
974.00	171.30	0
656.90	81.29	0
114.00	41.76	0
270.80	36.51	0
212.80	297.00	0
238.00	30.34	0
753.50	96.44	0
968.60	134.30	0
175.10	42.80	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
170.50	134.70	0
25.28	0	0
0	0	0
91.81	0	0
57.48	53.51	0
50.15	25.50	0
55.40	0	0
36.17	0	0
0	0	0
40.20	0	*
38.96	25.51	0
36.24	41.62	0
0	0	0
59.36	30.50	0
0	0	0
44.36	39.50	0
0	0	0
67.60	0	0
72.48	0	0
45.13	35.20	0
42.03	0	0
33.82	0	0
33.22	0	0
0	0	0
62.50	36.48	0
41.18	122.70	0
0	0	0
62.50	38.48	0
0	0	0
55.94	39.00	0
49.72	32.80	0
25.21	0	0
65.14	34.00	0
104.00	114.70	0
40.74	31.89	0

**Table 125 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
781.00	191.30	0
141.80	36.90	0
802.90	177.60	0
148.20	42.15	0
365.00	0	0
2480.00	11.40	0
132.10	54.51	0
400.00	39.50	0
291.90	79.01	0
345.70	59.92	0
147.00	25.87	0
172.10	49.20	0
151.00	22.81	0
168.60	72.26	0
754.00	139.90	0
1701.00	79.10	0
123.70	28.81	0
140.20	18.50	0
86.19	26.09	0
283.80	66.54	0
359.50	51.70	0
68.24	27.00	0
93.26	27.07	0
141.00	17.35	0
139.00	49.01	0
124.00	36.74	0
512.00	152.50	0
422.00	72.20	0
137.30	44.31	0
1097.00	200.70	0
510.60	59.14	0
372.50	91.55	0
425.60	77.99	0
2359.00	216.80	0
144.40	41.06	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
64.10	0	0
0	0	0
98.17	167.90	0
0	0	0
63.10	0	0
47.45	0	0
46.86	44.44	0
243.00	112.00	32.97
73.01	57.08	0
28.96	0	0
59.13	0	0
0	0	0
0	0	0
50.65	48.50	0
101.50	45.90	0
0	0	0
0	0	0
45.88	0	0
28.20	0	0
47.74	0	0
40.57	36.11	0
0	0	0
128.50	67.95	0
0	0	0
0	46.46	0
0	0	0
25.80	0	0
37.39	0	0
0	0	0
62.34	25.80	0
0	0	0
0	0	0
0	0	0
0	0	0

**Table 125 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
270.40	56.37	0
77.88	12.08	0
922.90	111.50	0
1093.00	179.50	0
921.10	74.53	0
722.10	109.30	0
60.20	32.08	0
227.50	24.67	0
427.70	129.40	0
3428.00	186.80	0
626.10	99.50	0
289.20	88.33	0
52.74	24.05	0
182.10	47.34	0
243.50	67.94	0
83.03	15.28	0
163.60	28.88	0
148.70	47.90	0
1191.00	142.30	0
205.00	35.55	0
167.00	24.75	0
326.20	59.97	0
486.90	140.10	0

Lead (ppb)/dairy cows		
Tissues		
Kidney	Liver	Muscle
88.91	43.39	0
84.06	29.86	0
36.90	0	0
50.92	0	0
45.06	0	0
42.59	0	0
0	79.15	0
0	0	0
0	0	0
68.97	0	0
42.09	33.37	0
47.47	0	0
0	0	0
29.62	0	0
0	0	0
0	0	0
69.23	33.60	0
0	0	0
49.91	32.24	0
0	0	0
0	0	0
0	0	0
0	0	0

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\* Data not available

**Table 126**  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/mature chickens			Lead (ppb)/mature chickens		
Tissues			Tissues		
Kidney	Liver	Muscle	Kidney	Liver	Muscle
1253.00	189.00	0	0	0	0
301.60	109.00	0	0	0	0
133.20	216.70	0	0	0	0
172.00	90.94	0	27.44	0	0
619.10	303.20	0	0	0	0
313.80	57.80	0	0	0	0
521.40	115.00	0	0	0	0
1063.00	221.20	0	0	0	0
558.70	46.30	0	37.69	0	0
1522.00	236.10	0	0	0	0
262.40	127.90	0	0	0	0
282.30	40.59	0	0	0	0
294.30	67.14	0	0	0	0
597.20	309.10	0	0	0	0
319.90	63.70	0	0	0	0
613.00	165.50	0	0	0	0
313.00	75.44	0	0	0	0
633.40	169.00	0	33.66	0	0
434.50	173.90	0	0	0	0
478.70	121.80	0	0	0	0
368.10	124.00	0	26.23	0	0
179.50	37.10	0	0	0	0
587.60	121.00	0	0	0	0
437.60	102.80	0	0	0	0
4650.00	1206.00	14.00	0	0	0
969.40	640.00	0	0	0	0
282.60	91.81	0	0	0	0
310.50	74.47	0	0	0	0
261.70	61.65	0	0	0	0
598.50	186.60	0	0	0	0
735.70	148.30	0	0	0	0
318.00	155.00	0	0	0	0
319.90	108.90	0	0	0	0
245.80	114.50	0	0	0	0
662.30	112.20	0	28.70	0	0
339.40	145.30	0	0	0	0
4088.00	1431.00	0	0	0	0
693.00	324.40	0	0	0	0

**Table 126 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/mature chickens			Lead (ppb)/mature chickens		
Tissues			Tissues		
Kidney	Liver	Muscle	Kidney	Liver	Muscle
339.60	179.90	0	0	47.17	0
399.20	175.80	0	0	0	0
560.90	299.90	0	0	0	0
5532.00	788.00	13.23	0	0	0
651.10	253.00	0	0	0	0
366.40	250.40	0	27.08	0	0
297.60	91.90	0	0	0	0
109.70	34.76	0	27.61	0	0
673.40	132.80	0	0	0	0
706.60	75.46	0	45.32	0	0
431.10	204.60	0	0	0	0
367.80	143.80	0	0	0	0
205.50	83.47	0	0	0	0
301.80	68.34	0	0	0	0
385.70	78.33	0	0	0	0
322.60	144.90	0	0	0	0
671.10	211.10	0	0	0	0
504.90	79.12	0	0	0	0
333.20	62.40	0	0	0	0
1453.00	796.10	0	0	31.92	0
484.70	120.00	0	0	0	0
449.00	119.00	0	0	25.91	0
879.90	124.00	0	0	0	0
16.84	0	0	27.82	0	0
344.30	144.90	0	44.29	0	0
348.00	69.60	0	0	0	0
289.40	56.77	0	0	0	0
274.10	55.54	0	0	0	0
240.00	115.40	0	0	0	0
501.30	163.60	0	35.67	0	0
567.30	79.10	0	31.52	0	0
320.80	57.90	0	0	0	0
340.60	151.70	0	0	0	0
471.10	104.80	0	0	0	0
457.70	224.30	0	0	0	0
178.40	83.70	0	42.02	0	0
381.60	185.80	0	0	0	0
245.00	35.21	0	0	0	0

**Table 126 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/mature chickens			Lead (ppb)/mature chickens		
Tissues			Tissues		
Kidney	Liver	Muscle	Kidney	Liver	Muscle
438.30	125.70	0	0	0	0
612.00	203.20	0	0	0	0
706.00	224.40	0	0	0	0
410.70	162.10	0	0	0	0
448.00	102.70	0	0	0	0
1828.00	199.00	0	0	0	0
726.50	94.79	0	0	0	0
750.00	152.70	0	0	0	0
358.90	137.40	0	0	0	0
356.10	107.30	0	0	0	0
332.00	79.30	0	0	0	0
204.10	111.20	0	0	41.57	0
531.10	312.00	0	0	0	0
260.00	52.90	0	0	0	0
1189.00	342.00	0	0	0	0
1099.00	217.30	0	0	0	0
251.80	106.10	0	0	0	0
1098.00	105.00	0	0	0	0
419.40	114.30	0	0	27.31	0
193.80	96.90	0	26.60	0	0
711.30	274.20	0	122.90	0	0
186.70	48.85	0	54.95	0	0
578.10	120.00	0	86.49	34.45	0
257.30	69.42	0	0	0	0
357.90	148.20	0	0	0	0
380.30	170.70	0	56.03	0	0
444.90	68.62	0	0	0	0
306.40	45.57	0	28.77	31.75	0
947.90	157.50	0	0	0	0
576.50	136.30	0	42.70	0	0
601.00	137.00	0	29.30	0	0
718.00	154.00	0	0	0	0
265.00	48.98	0	27.50	0	0
2323.00	982.10	0	0	0	0
95.05	517.80	0	0	39.70	0
373.00	176.10	0	0	0	0
372.20	65.89	0	0	0	0
424.00	85.29	0	0	0	0
599.60	141.80	0	0	0	0

**Table 126 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/mature chickens		
Tissues		
Kidney	Liver	Muscle
481.10	99.27	0
228.90	46.48	0
786.00	112.50	0
357.40	41.42	0
322.70	29.78	0
475.80	221.90	0
1478.00	417.00	0
11400.00	1820.00	31.30
675.20	802.80	0
277.00	131.00	0
652.00	241.00	0
302.90	65.66	0
256.30	164.40	0
301.10	118.00	0
337.00	151.00	0
624.70	118.00	0
368.00	165.80	0
217.30	102.70	0
334.00	150.00	0
351.00	181.60	0
402.00	75.27	0
2804.00	564.00	0
253.80	86.14	0
485.90	87.00	0
721.00	222.90	0
584.30	98.97	0
651.60	275.80	0
717.60	123.00	0
314.20	112.10	0
357.40	80.91	0
205.00	32.90	0
329.00	49.69	0
444.70	107.00	0
900.00	64.27	0
499.70	94.70	0
363.20	43.90	0
363.20	122.50	0
255.00	226.90	0

Lead (ppb)/mature chickens		
Tissues		
Kidney	Liver	Muscle
25.38	25.02	0
0	1293.00	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	56.63
81.31	61.46	0
0	0	0
0	0	0
0	0	31.32
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	29.22	0
0	0	0
0	0	0
0	0	0
0	0	0
36.80	0	69.70
0	862.50	0
33.40	0	0
0	0	0
27.34	0	0
0	0	0
0	0	75.20

**Table 126 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/mature chickens		
Tissues		
Kidney	Liver	Muscle
486.40	126.80	0
385.10	156.00	0
1950.00	225.00	0
244.80	46.55	0
232.30	77.60	0
688.70	245.40	0
786.00	211.60	0
371.00	177.80	0
234.20	97.55	0
219.30	41.51	0
210.70	75.90	0
269.10	95.40	0
531.60	76.58	0
975.40	234.00	0
284.00	200.30	0
410.70	115.00	0
507.30	79.31	0
529.20	61.40	0
298.00	116.10	0
173.20	39.80	0
351.00	150.70	0
718.00	338.10	0
202.00	53.78	0
1120.00	235.00	0
472.90	111.70	0
851.20	149.40	0
589.50	114.90	0
157.70	93.66	0
803.90	257.00	0
281.30	61.17	0
1069.00	336.40	0
401.00	160.10	0
402.10	210.50	0
109.00	27.20	0
731.00	116.10	0
745.20	239.30	0
409.90	145.00	0
292.70	84.13	0

Lead (ppb)/mature chickens		
Tissues		
Kidney	Liver	Muscle
0	0	0
0	0	0
63.78	0	43.13
0	0	0
0	0	0
40.29	0	0
0	0	0
0	0	0
32.85	0	0
0	0	0
0	0	0
0	0	0
33.08	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
37.80	0	0
0	0	0
0	38.45	0
0	0	0
0	0	0
42.80	47.81	0
0	0	0
0	0	0
31.22	0	0
0	0	0
40.80	0	0
0	0	0
670.80	0	0
0	0	0
61.61	0	0

**Table 126 - *continued***  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/mature chicken			Lead (ppb)/mature chicken		
Tissues			Tissues		
Kidney	Liver	Muscle	Kidney	Liver	Muscle
606.60	116.70	0	0	0	0
317.60	51.21	0	0	0	0
283.80	95.05	0	0	0	0
310.40	173.40	0	0	0	0
472.30	136.00	0	73.28	0	0
373.60	17000	0	0	0	0
433.90	95.87	0	0	0	0
1011.00	461.40	0	0	0	0
397.00	139.40	0	29.42	0	0

**Table 127**  
**Lead and Cadmium**  
**2004 FSIS Exploratory Results**

Cadmium (ppb)/boar-stags		
Tissues		
Kidney	Liver	Muscle
195.00	46.08	0
239.80	68.37	0
465.20	97.08	0
98.23	42.30	0
99.74	27.32	0
185.80	35.71	0
378.00	84.78	0
1602.00	231.30	0
1476.00	302.50	0
181.30	34.52	0
267.90	60.06	0
146.00	18.06	0
95.20	32.50	*
291.00	62.49	0
144.00	28.30	0
377.60	66.91	0
130.10	39.59	0
116.90	25.23	0
66.19	24.96	0
65.06	24.27	0
61.01	10.09	0
103.80	27.08	0
194.30	42.68	0
972.90	202.80	0
262.00	59.82	0
147.80	33.30	0
329.40	53.48	0
124.90	17.55	0
47.63	13.44	0
56.36	20.10	0
1038.00	172.00	0
208.10	58.25	0
108.00	24.87	0
361.20	213.50	0
214.00	41.10	0
72.67	24.80	0
209.50	38.26	0
93.36	20.85	0
689.80	99.14	0

Lead (ppb)/boar-stags		
Tissues		
Kidney	Liver	Muscle
0	57.90	0
0	0	0
29.48	31.70	0
34.90	26.84	0
0	0	0
0	27.63	0
0	0	0
34.70	34.54	0
76.14	32.08	0
0	0	0
0	0	0
28.75	32.87	0
62.86	46.65	*
0	0	0
0	28.75	0
66.46	52.98	0
0	0	0
0	0	0
0	0	0
0	0	0
31.90	0	0
775.50	813.60	0
31.30	0	0
0	0	0
0	0	0
0	0	0
51.71	65.83	0
0	0	0
100.70	49.36	0
0	27.91	90.68
42.80	63.48	0
172.70	249.40	59.23
0	0	0
0	0	0
0	0	0
0	0	0

**Table 127 - *continued***  
**Lead and Cadmium**  
**2004 Domestic Exploratory Results**

Cadmium (ppb)/boar-stags		
Tissues		
Kidney	Liver	Muscle
97.00	26.80	0
332.20	105.30	0

Lead (ppb)/boar-stags		
Tissues		
Kidney	Liver	Muscle
25.72	25.67	0
32.59	135.70	0

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\* Data not available

## **AMENDMENT TO THE 2000 NATIONAL RESIDUE DATA BOOK**

### ***beta-AGONISTS***

Food Safety and Inspection Service and FDA's Denver District Laboratory collaborated in the testing of the following nine *beta*-agonists: salbutamol, terbutaline, fenoterol, clenbuterol, cimaterol, mabuterol, zilpaterol, ractopamine, and brombuterol. The 1,243 samples tested for *beta*-agonists comprised 731 bovine, 408 porcine, 102 ovine and two caprine. The samples were analyzed in FDA's Denver District Laboratory using a ELISA screen. Five samples screened positive for *beta*-agonists residues and were sent to the National Center for Toxicological Research for confirmation by LC/Mass Spectrometry. The five samples, three bovine (2 steers and 1 calf), one porcine (market hog) and one ovine (sheep), were confirmed negative for *beta*-agonist residues.

# IMPORT REINSPECTION RESULTS

## NORMAL

Table 128, *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 128**  
**Normal Reinspection Results**  
**Import Residue Plan**

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Argentina</b>	Beef Fresh	Avermectins	1	1	0	0
		Sulfonamides	1	1	0	0
	Beef Processed	Chlorinated HCs	11	11	0	0
		Chlorinated OPs	11	11	0	0
		Phenylbutazone	11	11	0	0
		Sulfonamides	15	15	0	0
	<b>Total</b>		<b>50</b>	<b>50</b>	<b>0</b>	<b>0</b>
	Beef Fresh	Antibiotics	71	71	0	0
		Arsenic	2	2	0	0
		Avermectins	150	149	1	0
		Chloramphenicol	39	39	0	0
		Chlorinated HCs	66	65	1	0
		Chlorinated OPs	66	66	0	0
		Phenylbutazone	66	66	0	0
		Sulfonamides	81	81	0	0
<b>Australia</b>	Goat Fresh	Antibiotics	7	7	0	0
		Arsenic	8	8	0	0
		Avermectins	1	1	0	0
		Chlorinated HCs	4	4	0	0
		Chlorinated OPs	4	4	0	0
		Phenylbutazone	4	4	0	0
		Sulfonamides	8	8	0	0

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Australia</b>	Lamb Fresh	Avermectins	41	41	0	0
		Antibiotics	46	46	0	0
		Chloramphenicol	16	16	0	0
		Sulfonamides	38	38	0	0
	Mutton Fresh	Antibiotics	13	13	0	0
		Avermectins	6	6	0	0
		Sulfonamides	9	9	0	0
	Pork Processed	Avermectins	1	1	0	0
		Sulfonamides	1	1	0	0
	Veal Fresh	Antibiotics	8	8	0	0
		Avermectins	11	11	0	0
		Chloramphenicol	11	11	0	0
		Chlorinated HCs	2	2	0	0
		Chlorinated OPs	2	2	0	0
		Phenylbutazone	2	2	0	0
		Sulfonamides	11	11	0	0
<b>Total</b>			<b>795</b>	<b>793</b>	<b>2</b>	<b>0</b>
<b>Austria</b>	Beef Fresh	Sulfonamides	1	1	0	0
<b>Total</b>			<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Brazil</b>	Beef Fresh	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
		Sulfonamides	1	1	0	0
	Beef Processed	Avermectins	2	2	0	0
		Chlorinated HCs	13	13	0	0
		Chlorinated OPs	13	13	0	0
		Phenylbutazone	13	13	0	0
		Sulfonamides	52	52	0	0
<b>Total</b>			<b>97</b>	<b>97</b>	<b>0</b>	<b>0</b>

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
Canada	Beef Fresh	Antibiotics	142	142	0	0
		Arsenic	6	6	0	0
		Avermectins	239	239	0	0
		Chloramphenicol	146	146	0	0
		Chlorinated HCs	42	42	0	0
		Chlorinated OPs	42	42	0	0
		Phenylbutazone	42	42	0	0
		Sulfonamides	202	202	0	0
	Chicken Fresh	Antibiotics	8	8	0	0
		Arsenic	8	8	0	0
		Avermectins	1	1	0	0
		Chloramphenicol	1	1	0	0
		Chlorinated HCs	6	6	0	0
		Chlorinated OPs	6	6	0	0
		Phenylbutazone	6	6	0	0
		Sulfonamides	1	1	0	0
Chicken Processed	Processed	Arsenic	2	2	0	0
		Sulfonamides	8	8	0	0
Combination Processed	Processed	Sulfonamides	2	2	0	0
		Antibiotics	1	1	0	0
Pork Fresh	Fresh	Antibiotics	224	224	0	0
		Arsenic	63	63	0	0
		Avermectins	67	67	0	0
		Chloramphenicol	4	4	0	0
		Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
		Sulfonamides	65	65	0	0
Veal Fresh	Fresh	Antibiotics	8	8	0	0
		Avermectins	17	17	0	0
		Chloramphenicol	18	18	0	0
		Chlorinated HCs	19	19	0	0
		Chlorinated OPs	19	19	0	0
		Phenylbutazone	19	19	0	0
		Sulfonamides	18	18	0	0

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Canada</b> <i>cont.</i>	Egg Products	Arsenic	1	1	0	0
		Chlorinated HCs	19	19	0	0
		Chlorinated OPs	19	19	0	0
		Phenylbutazone	19	19	0	0
		Sulfonamides	52	52	0	0
	<b>Total</b>		<b>1565</b>	<b>1565</b>	<b>0</b>	<b>0</b>
<b>Costa Rica</b>	Beef Fresh	Antibiotics	7	7	0	0
		Avermectins	7	7	0	0
		Chloramphenicol	8	8	0	0
		Chlorinated HCs	4	4	0	0
		Chlorinated OPs	4	4	0	0
		Phenylbutazone	4	4	0	0
		Sulfonamides	9	9	0	0
	<b>Total</b>		<b>43</b>	<b>43</b>	<b>0</b>	<b>0</b>
<b>Croatia</b>	Pork Processed	Arsenic	4	4	0	0
		Sulfonamides	5	5	0	0
	<b>Total</b>		<b>9</b>	<b>9</b>	<b>0</b>	<b>0</b>
<b>Denmark</b>	Pork Fresh	Antibiotics	9	9	0	0
		Arsenic	9	9	0	0
		Avermectins	12	12	0	0
		Chloramphenicol	1	1	0	0
		Chlorinated HCs	2	2	0	0
		Chlorinated OPs	2	2	0	0
		Phenylbutazone	2	2	0	0
		Sulfonamides	11	11	0	0
	<b>Total</b>		<b>48</b>	<b>48</b>	<b>0</b>	<b>0</b>
<b>Finland</b>	Lamb Fresh	Arsenic	1	1	0	0
		Avermectins	1	1	0	0
		Sulfonamides	1	1	0	0
	Pork Fresh	Antibiotics	3	3	0	0
		Arsenic	2	2	0	0

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations	
<b>Finland</b> <i>cont.</i>	Pork Fresh	Avermectins	2	2	0	0	
		Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
		Phenylbutazone	1	1	0	0	
		Sulfonamides	2	2	0	0	
	<b>Total</b>		<b>15</b>	<b>15</b>	<b>0</b>	<b>0</b>	
<b>Germany</b>	Pork Processed	Arsenic	1	1	0	0	
		Sulfonamides	1	1	0	0	
	<b>Total</b>		<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	
	Beef Fresh	Avermectins	1	1	0	0	
<b>Guatemala</b>		Chloramphenicol	1	1	0	0	
		Sulfonamides	1	1	0	0	
<b>Total</b>		<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>		
<b>Honduras</b>	Beef Fresh	Antibiotics	8	8	0	0	
		Avermectins	1	1	0	0	
		Chloramphenicol	8	8	0	0	
		Chlorinated HCs	3	3	0	0	
		Chlorinated OPs	3	3	0	0	
		Phenylbutazone	3	3	0	0	
		Sulfonamides	8	8	0	0	
	<b>Total</b>		<b>34</b>	<b>34</b>	<b>0</b>	<b>0</b>	
<b>Hungary</b>	Pork Processed	Arsenic	4	4	0	0	
		Sulfonamides	4	4	0	0	
	<b>Total</b>		<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>	
<b>Iceland</b>	Pork Fresh	Chlorinated HCs	1	1	0	0	
		Chlorinated OPs	1	1	0	0	
		Phenylbutazone	1	1	0	0	
	<b>Total</b>		<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Ireland</b>	Pork Fresh	Antibiotics	4	4	0	0
		Arsenic	1	1	0	0
		Avermectins	1	1	0	0
		Chlorinated HCs	3	3	0	0
		Chlorinated OPs	3	3	0	0
		Phenylbutazone	3	3	0	0
		Ractopamine	1	1	0	0
		Sulfonamides	1	1	0	0
	<b>Total</b>		<b>17</b>	<b>17</b>	<b>0</b>	<b>0</b>
<b>Israel</b>	Chicken Processed	Arsenic	4	4	0	0
		Sulfonamides	4	4	0	0
	<b>Total</b>		<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>
<b>Italy</b>	Beef Processed	Sulfonamides	1	1	0	0
		Arsenic	8	8	0	0
		Chlorinated HCs	12	12	0	0
		Chlorinated OPs	12	12	0	0
		Phenylbutazone	12	12	0	0
		Sulfonamides	8	8	0	0
	<b>Total</b>		<b>53</b>	<b>53</b>	<b>0</b>	<b>0</b>
	Pork Fresh	Antibiotics	5	5	0	0
		Avermectins	7	7	0	0
		Chloramphenicol	6	6	0	0
		Chlorinated HCs	3	3	0	0
		Chlorinated OPs	3	3	0	0
		Phenylbutazone	3	3	0	0
		Sulfonamides	6	6	0	0
<b>Mexico</b>	Lamb Fresh	Antibiotics	1	1	0	0
		Avermectins	1	1	0	0
		Chloramphenicol	1	1	0	0
		Sulfonamides	1	1	0	0

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Mexico</b> <i>cont.</i>	Pork Fresh	Antibiotics	1	1	0	0
		Arsenic	1	1	0	0
		Avermectins	1	1	0	0
		Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
		Sulfonamides	1	1	0	0
	<b>Total</b>		<b>44</b>	<b>44</b>	<b>0</b>	<b>0</b>
<b>Netherlands</b>	Beef Fresh	Avermectins	1	1	0	0
		Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
	Pork Processed	Arsenic	4	4	0	0
		Chlorinated HCs	4	4	0	0
		Chlorinated OPs	4	4	0	0
		Phenylbutazone	4	4	0	0
		Sulfonamides	4	4	0	0
	<b>Total</b>		<b>24</b>	<b>24</b>	<b>0</b>	<b>0</b>
<b>New Zealand</b>	Beef Fresh	Antibiotics	64	64	0	0
		Arsenic	1	1	0	0
		Avermectins	104	104	0	0
		Chloramphenicol	39	39	0	0
		Chlorinated HCs	45	41	4	0
		Chlorinated OPs	45	45	0	0
		Phenylbutazone	45	45	0	0
		Sulfonamides	78	78	0	0
	Goat Fresh	Antibiotics	5	5	0	0
		Arsenic	5	5	0	0
		Avermectins	1	1	0	0
		Chlorinated HCs	2	2	0	0
		Chlorinated OPs	2	2	0	0
		Phenylbutazone	2	2	0	0
		Sulfonamides	8	8	0	0

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>New Zealand</b> <i>cont.</i>	Lamb Fresh	Antibiotics	20	20	0	0
	Veal Fresh	Antibiotics	4	4	0	0
		Avermectins	8	8	0	0
		Chlorinated HCs	2	0	2	0
		Chlorinated OPs	2	2	0	0
		Phenylbutazone	2	2	0	0
		Sulfonamides	8	8	0	0
<b>Total</b>			<b>492</b>	<b>486</b>	<b>6</b>	<b>0</b>
<b>Nicaragua</b>	Beef Fresh	Antibiotics	3	3	0	0
		Avermectins	4	4	0	0
		Chloramphenicol	4	4	0	0
		Chlorinated HCs	3	3	0	0
		Chlorinated OPs	3	3	0	0
		Phenylbutazone	3	3	0	0
		Sulfonamides	3	3	0	0
<b>Total</b>			<b>23</b>	<b>23</b>	<b>0</b>	<b>0</b>
<b>Poland</b>	Lamb Fresh	Arsenic	1	1	0	0
		Sulfonamides	1	1	0	0
	Pork Processed	Arsenic	2	2	0	0
		Sulfonamides	2	2	0	0
	<b>Total</b>		<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>Spain</b>	Pork Processed	Arsenic	1	1	0	0
		Chlorinated HCs	2	2	0	0
		Chlorinated OPs	2	2	0	0
		Phenylbutazone	2	2	0	0
		Sulfonamides	1	1	0	0
	<b>Total</b>		<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>

<b>Country</b>	<b>Product Class</b>	<b>Compound Class</b>	<b>Number Reported Results</b>	<b>Number Non-Detects</b>	<b>Number Non-Violative Positives</b>	<b>Number Violations</b>
<b>Uruguay</b>	Beef Fresh	Antibiotics	7	7	0	0
		Avermectins	4	4	0	0
		Chloramphenicol	4	4	0	0
		Chlorinated HCs	4	4	0	0
		Chlorinated OPs	4	4	0	0
		Phenylbutazone	4	4	0	0
		Sulfonamides	4	4	0	0
	Mutton Fresh	Antibiotics	1	1	0	0
	<b>Total</b>		<b>32</b>	<b>32</b>	<b>0</b>	<b>0</b>

## INCREASED

Table 129, *Increased Reinspection Results*, presents results for imported products subject to increased 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 129**  
**Increased Reinspection Results**  
**Import Residue Plan**

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Costa Rica</b>	Beef Fresh	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
	<b>Total</b>		<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>
<b>Mexico</b>	Beef Fresh	Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
	<b>Total</b>		<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>

## **INTENSIFIED**

Table 130, *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 130**  
**Intensified Reinspection Results**  
**Import Residue Plan**

Country	Product Class	Compound Class	Number Reported Results	Number Non-Detects	Number Non-Violative Positives	Number Violations
<b>Australia</b>	Beef Fresh	Avermectins	3	3	0	0
		Chloramphenicol	2	2	0	0
		Chlorinated HCs	2	2	0	0
		Chlorinated OPs	2	2	0	0
		Phenylbutazone	2	2	0	0
		Sulfonamides	4	4	0	0
		<b>Total</b>	<b>15</b>	<b>15</b>	<b>0</b>	<b>0</b>
<b>New Zealand</b>	Beef Fresh	Antibiotics	1	1	0	0
		Avermectins	4	4	0	0
		Chloramphenicol	1	1	0	0
		Chlorinated HCs	1	1	0	0
		Chlorinated OPs	1	1	0	0
		Phenylbutazone	1	1	0	0
		Sulfonamides	3	3	0	0
		<b>Total</b>	<b>12</b>	<b>12</b>	<b>0</b>	<b>0</b>