

Results of residue control programme - BOVINE

COUNTRY	Uruguay
YEAR OF IMPLEMENTATION OF THE RESIDUE PLAN	2020
ANIMAL SPECIES/PRODUCT	BOVINE

DATE	15/03/2021
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GROUP OF SUBSTANCES TO BE MONITORED	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	NUMBER OF SAMPLES TAKEN ON FARM		DECISION LIMIT [µg/Kg]	NUMBER OF NON COMPLIANT RESULTS (ABOVE DECISION LIMIT)	NUMBER OF SAMPLES TAKEN AT SLAUGHTER		DECISION LIMIT [µg/Kg]	NUMBER OF NON COMPLIANT RESULTS (ABOVE DECISION LIMIT)
			PLANNED	TESTED			PLANNED	TESTED		
A1. STILBENES	DES	URINE	465	419	1	0	465	446	1	0
	HEXOESTROL	URINE	465	419	1	0	465	446	1	0
	DIENOESTROL	URINE	465	419	1	0	465	446	1	0
	DES	LIVER					100	99	1	0
A2. THYROSTATS	PROPYLTIOURACIL	THYROID			10		500	501	10	0
	METILTIOURACIL	THYROID			10		500	501	10	0
	TIOURACIL	THYROID			10		500	501	10	2 (*)
	TAPAZOL	THYROID			10		500	501	10	0
	PHENYLTIOURACIL	THYROID			10		500	501	10	0
A3. SYNTHETIC STEROIDS (WITH ANDROGENIC, GESTAGENIC OR ESTROGENIC ACTIVITY)	TREMBOLONE/NORTESTOSTERONE	URINE	465	381	2	0	465	415	2	0
	BOLDENONE	URINE	465	381	1	0	465	415	1	0
	METHYL TESTOSTERONE	URINE	465	381	2	0	465	415	2	0
A4. RESORCYLIC ACID LACTONES	ZERANOL	URINE	465	465	1	0	465	465	1	0
A5. BETA AGONISTS	CLEMBUTEROL	URINE	465	382	1	0	465	415	1	0
	SALBUTAMOL	URINE	465	382	1	0	465	415	1	0
	RACTOPAMINE	URINE	465	382	1	0	465	415	1	0
	MABUTEROL	URINE	465	382	1	0	465	415	1	0
	SINBUTEROL	URINE	465	382	1	0	465	415	1	0
	TERBUTALINE	URINE	465	382	1	0	465	415	1	0
	BROMBUTEROL	URINE	465	382	1	0	465	415	1	0
	CLENPENTEROL	URINE	465	382	1	0	465	415	1	0
	TULOBUTEROL	URINE	465	382	1	0	465	415	1	0
	MAPENTEROL	URINE	465	382	1	0	465	415	1	0
	ZIPATEROL	URINE	465	382	1	0	465	415	1	0
		URINE	465	382	1	0	465	415	1	0
A6. CHLORAMPHENICOL	CHLORAMPHENICOL	MUSCLE			0,3		330	329	0,3	0
A6. OTHERS	NITROFURANS AND METABOLITES	MUSCLE			1	0	300	313	1	0
	SEM	MUSCLE			1	0	300	313	1	0
	AOZ	MUSCLE			1	0	300	313	1	0
	AMOZ	MUSCLE			1	0	300	313	1	0
	AHD	MUSCLE			1	0	300	313	1	0
	2HYDROXYMETHYL 1METHYL 5NITROIMIDAZOLE	MUSCLE			3	0	300	299	3	0
	DIMETRIDAZOLE	MUSCLE			3	0	300	299	3	0
	HYDROXY IPRONIDAZOLE	MUSCLE			3	0	300	299	3	0
	HYDROXY METRONIDAZOLE	MUSCLE			3	0	300	299	3	0
	IPRONIDAZOLE	MUSCLE			3	0	300	299	3	0
	METRONIDAZOLE	MUSCLE			3	0	300	299	3	0
	RONIDAZOLE	MUSCLE			3	0	300	299	3	0

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			PLANNED	TESTED			
B1. ANTIBACTERIAL SUBSTANCES							
Screening test	ERYTHROMYCIN	LIVER-KIDNEY-MUSCLE	700	765	100 (Kidney)	0	
	TYLOSIN	LIVER-KIDNEY-MUSCLE	700	765	100 (Kidney)	0	
	SPIRAMICYN	LIVER-KIDNEY-MUSCLE	700	765	300 (Kidney)	0	
	TILMICOCIN	LIVER-KIDNEY-MUSCLE	700	765	300 (Kidney)	0	
	NEOMYCIN	LIVER-KIDNEY-MUSCLE	700	765	7200 (Kidney)	0	
	GENTAMICIN	LIVER-KIDNEY-MUSCLE	700	765	750 (Kidney)	0	
	STREPTOMICYN	LIVER-KIDNEY-MUSCLE	700	765	1000 (Kidney)	1	
	PENICILLIN V	LIVER-KIDNEY-MUSCLE	700	765	50 (Kidney)	0	
	PENICILLIN G	LIVER-KIDNEY-MUSCLE	700	765	50 (Kidney)	0	
	CLOXACILLIN	LIVER-KIDNEY-MUSCLE	700	765	300 (Kidney)	0	
	CEPHALEXIN	LIVER-KIDNEY-MUSCLE	700	765	1000 (Kidney)	0	
	AMPICILLIN	LIVER-KIDNEY-MUSCLE	700	765	50 (Kidney)	0	
	AMOXICILLIN	LIVER-KIDNEY-MUSCLE	700	765	50 (Kidney)	0	
	Confirmatory test	DOXYCYCLINE	MUSCLE	600	604	100	0
		OXYTETRACYCLINE	MUSCLE	600	604	100	0
CHLORTETRACYCLINE		MUSCLE	600	604	100	0	
TETRACYCLINE		MUSCLE	600	604	100	0	
SULFADIAZINE		LIVER	220	236	100	0	
SULFATHIAZOLE		LIVER	220	236	100	0	
SULFAMERAZINE		LIVER	220	236	100	0	
SULFAMETHAZINE		LIVER	220	236	100	0	
SULFACHLORPYRIDAZINE		LIVER	220	236	100	0	
SULFAMETHOXAZOLE		LIVER	220	236	100	0	
SULFAMETHOXYPYRIDAZINE		LIVER	220	236	100	0	
SULFAQUINOXALINE		LIVER	220	236	100	0	
SULFADIMETHOXINE		LIVER	220	236	100	0	
CIPROFLOXACIN-ENROFLOXACIN		MUSCLE	600	604	100	0	
NORFLOXACIN		MUSCLE	600	604	10	0	
DANOFLOXACIN		MUSCLE	600	604	200	0	
MARBOFLOXACIN		MUSCLE	600	604	150	0	
QUINOXALINE (CARBADOX)		MUSCLE	30	30	1	0	
QUINOXALINE (OLAQUINDOX)		MUSCLE	30	30	1	0	
B2a. ANTHELMINTICS		IVERMECTIN	LIVER	600	618	100	2
	DORAMECTIN	LIVER	600	618	100	0	
	MOXIDECTIN	LIVER	600	618	100	0	
	ABAMECTIN	LIVER	600	618	100	1	
	RAFOXANIDE	MUSCLE	70	72	30	0	
	CLOSANTEL	MUSCLE	70	72	1000	0	
	ALBENDAZOLE 2 AMINOSULFONE	LIVER	200	264	200	0	
	ALBENDAZOL	LIVER	200	264	1000	0	
	OXFENDAZOLE	LIVER	200	264	500	0	
	MEBENDAZOLE	LIVER	200	264	300	0	
	FENBENDAZOLE / FENBENDAZOLE SULFONE	LIVER	200	264	500	0	
	TRICLABENDAZOLE/TRICLABENDAZOLE SULFOXIDE	LIVER	200	264	250	0	
	LEVAMISOLE	LIVER	200	264	100	0	
	B2b. ANTICOCCIDIALS	MONENSIN	LIVER	100	100	50	0
		SALINOMYCIN	LIVER	100	100	6	0
NARASIN		LIVER	100	100	7	0	
LASALOCID		LIVER	30	30	100	0	
B2c. CARBAMATES	ALDICARB SULFOXIDE	MUSCLE	30	30	10	0	
	ALDICARB SULFONE	MUSCLE	30	30	10	0	
	ALDICARB	MUSCLE	30	30	10	0	

	CARBOFURAN	MUSCLE	30	30	10	0
	3 HYDORXYCARBOFURAN	MUSCLE	30	30	10	0
	CARBARYL	MUSCLE	30	30	50	0
B2c. PYRETHROIDS	CYPERMETHRIN	FAT	300	368	200	0
	PERMETHRIN	FAT	300	368	100	0
	DELTAMETHRIN	FAT	300	368	50	0
B2d. SEDATIVES	XYLAZINE	KIDNEY	100	101	10	0
	CHLORPROMAZINE	KIDNEY	100	101	10	0
	AZAPERONE	KIDNEY	100	101	10	0
	ACEPROMAZINE	KIDNEY	100	101	10	0
	AZAPEROL	KIDNEY	100	101	10	0
B2e. NON STEROIDAL ANTI-INFLAMMATORY DRUGS	PHENYLBUTAZONE	MUSCLE	100	100	5	0
	FLUNIXIN	MUSCLE	100	100	20	0
	DICLOFENAC	MUSCLE	100	100	5	0
	METAMIZOLE (4 aminomethyl antipyrine)	MUSCLE	100	100	100	0

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	MELOXICAM	MUSCLE	100	100	20	0	
B2f. OTHER PHARMACOLOGICALLY ACTIVE SUBSTANCES	DEXAMETHASONE	LIVER	30	30	2	0	
	BETAMETHASONE	LIVER	30	30	2	0	
	PREDNISOLONE	LIVER	30	30	10	0	
	METHYLPREDNISOLONE	LIVER	30	30	10	0	
	FLUMETHASONE	LIVER	30	30	1	0	
	FIPRONIL-FIPRONIL SULFONE	LIVER	250	258	15	4	
	FIPRONIL-FIPRONIL SULFONE	FAT	200	492 ^(*)	60	10	
	FLUAZURON	LIVER	250	258	500	0	
	FLUAZURON	FAT	200	492 ^(*)	7000	0	
	AMITRAZ	FAT	30	30	100	0	
GROUP OF SUBSTANCES TO BE MONITORED	COMPOUND or MARKER RESIDUE	MATRIX ANALYSED	NUMBER OF SAMPLES		DECISION LIMIT [µg/Kg]	NUMBER OF NON COMPLIANT RESULTS (ABOVE DECISION LIMIT)	
			PLANNED	TESTED			
B3a. ORGANOCHLORINE COMPOUNDS INCLUDING PCBS	HCB	FAT	200	300	25	0	
	HCH α	FAT	200	300	25	0	
	HCH β	FAT	200	300	25	0	
	LINDANE	FAT	200	300	20	0	
	ALDRIN	FAT	200	300	200	0	
	DDT AND METABOLITES	FAT	200	300	1000	0	
	DIELDRIN	FAT	200	300	200	0	
	ENDRIN	FAT	200	300	50	0	
	HEPTACHLOR	FAT	200	300	200	0	
	HEPTACHLOR EPOXIDE	FAT	200	300	200	0	
	ENDOSULFAN	FAT	200	300	50	0	
	ENDOSULFAN SULFATE	FAT	200	300	50	0	
	CHLORDANE cis-trans	FAT	200	300	50	0	
	PCB 28	FAT	200	300	200	0	
	PCB 52	FAT	200	300	200	0	
	PCB 101	FAT	200	300	200	0	
	PCB 118	FAT	200	300	200	0	
	PCB 138	FAT	200	300	200	0	
	PCB 153	FAT	200	300	200	0	
	PCB 180	FAT	200	300	200	0	
B3b. ORGANOPHOSPHORUS COMPOUNDS	ETHION	FAT	200	492 ^(*)	10	0	
	DIAZINON	FAT	200	492 ^(*)	500	0	
	CHLORPYRIFOS	FAT	200	492 ^(*)	10	2	
	METHYL PARATHION	FAT	200	492 ^(*)	15	0	
	PARATHION (ETHYL)	FAT	200	492 ^(*)	50	0	
	PYRIMIPHOS METIL	FAT	200	492 ^(*)	10	0	
	CHLORPYRIFOS METHYL	FAT	200	492 ^(*)	50	0	
	ACEPHATE	FAT	200	492 ^(*)	20	0	
	AZINPHOS METHYL	FAT	200	492 ^(*)	10	0	
	DIMETHOATE	FAT	200	492 ^(*)	10	0	
	MALATHION	FAT	200	492 ^(*)	20	0	
	MALAOXON	FAT	200	492 ^(*)	20	0	
	FENTHION	FAT	200	492 ^(*)	50	0	
	PHOSMET	FAT	200	492 ^(*)	100	0	
	COUMAPHOS	FAT	200	492 ^(*)	10	0	
	B3c. CHEMICAL ELEMENTS	Pb	KIDNEY	200	204	500	0
		Cd	KIDNEY	200	204	1000	11
Hg		LIVER	100	84	500	0	
As		LIVER	100	87	2000	0	
B3d. MYCOTOXINS							

^(*) Suspicion of origin: Dietary factors (cruciferous plants). Follow up investigations were initiated at farm level

^(*) 292 extra samples were performed with B2c Group PYRETROIDS

