

Current Report

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Swine Residue Avoidance Program

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The goal of any swine producer is to make a profit. The use of feed additives and injectible, oral and water soluble drugs help producers reach this goal. However, the misuse of these compounds can result in carcass residue problems. Residues of drugs or chemicals in hogs at the time of slaughter can result in condemnation of carcasses at the slaughter plant and thus financial loss to the swine producers. To prevent residue problems, swine producers should be careful to follow all drug and feed additive withdrawal times.

Withdrawal Times for Feed Additives in Swine Rations

Drug	Trade name	Preslaughter withdrawal (days)
Arsanilic acid	Pro-Gen Plus	5
Carbadox	Mecadox	70
Oxytetracycline	TM-10, TM-50 (500 g ton)	5
Furazolidone	Furox	5
	NF-180 mix	5
Hygromycin B	Hygromix 8	15
Levamisole hydrochloride	Tramisol	3
Lincomycin hydrochloride monohydrate	Lincomix-20	6
Nitrofurazone	Enteritis formula	5
	Amifur NFZ mix	5
Pyrantel tartrate	Banminth premix	1
Roxarsone	3-nitro W	5
Sodium arsanilate	Pro Gen	5
Sulfamethazine	Aureo SP 250	15
	Chlorachel-250	15
	Tylan sulfa 10-10	15
Sulfathiazole (plus Chlorotetracycline hydrochloride and Procaine penicillin G)	CSP 250	7
Thiabendazole	Thibenzole 20% swine premix	30
Tylosin plus hygromycin B	Tylosin in swine feed	15
Oxytetracycline plus neomycin	Neo-Terramycin 20/20 (neomycin level at 140 g/ton)	10
	(neomycin level below 140 g/ton)	5

This list should be used as a guide. Preslaughter withdrawal times may change. Any approved animal drug with zero withdrawal time is not included. Please read and observe the label withdrawal instructions. The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the Cooperative Extension Service is implied.

Original material prepared by Kathy Plummer, James McKean, Lee Kilmer, Emmett Stevemer and William Owings of Iowa State University.

Drug Withdrawal Times for Swine

Drug	Trade name	Preslaughter withdrawal (days)
Water		
Ampicillin trihydrate	Princillin	1
Apramycin sulfate	Apralan soluble powder	28
Chlortetracycline	Aureomycin	1
Chlortetracycline bisulfate and Sulfamethazine	Aureomycin-Sulmet Soluble Powder	15
Chlortetracycline hydrochloride	Aureomycin soluble powder concentrate (1000 mg/gallon)	1
	Chlortetracycline hydrochloride	5
Gentamycin sulfate (oral, solution)	Gentocin oral solution (neonates and older)	3
Levamisole hydrochloride	Levasole	3
	Tramisol	3
Lincomycin hydrochloride	Lincomix	6
Neomycin sulfate	Biosol soluble powder	20
Nitrofurazone	NFZ soluble 9.2	5
	Amifur	5
Oxytetracycline	Terramycin soluble powder	5
Roxarsone	3-nitro powder	5
Sulfaethoxy pyridazine	S.E.Z. crumbles	10
Sulfamethazine	Sulmet drinking water solution	15
Sulfaquinoxaline	Sulfaquinoxaline	10
Tetracycline hydrochloride	Tetra-Sol	4
Tiamulin	Denagard	3
Tylosin	Tylan plus vitamins	2
Sulfamethazine plus Sulfathiazole	Extra-Sul	15
Injectable Application		
Ampicillin trihydrate	Princillin	15
Dihydrostreptomycin sulfate	Dihydrostreptomycin	30
Erythromycin	Erythro 200	7
Erythromycin thiocyanate	Gallimycin injectable	7
Gentamycin sulfate	Gentocin (piglet)	40
Lincomycin hydrochloride	Lincocin	2
Oxytetracycline	Terramycin-LA-200	28
Oxytetracycline hydrochloride	Oxy-tet-50	18
	Oxytet injection	26
	Terramycin injectable	22
	Oxyject 100	20
Procaine penicillin	Crycicillin	6
	Procaine penicillin G	7
Sodium selenite	Myosel B	14
Sulfamethazine	Sulmet solution	10
Sulfapyridine sodium	Sul-thi-dine	10
Sulfathiazole (plus sulfapyridine)	Sulfathiazole	10
Tylosin	Tylan 50	14
	Tylan 200	14
Oral Application		
Furazolidone (suspension)	Furoxone	5
(liquid)	NF-180	5
(powder, tablet)	Furoxone concentrate	5
Gentamicin sulfate (solution)	Gentocin (baby pigs)	14
Roxarsone (tablet)—for use in water	Pig scour tablets	5
Sodium arsanilate (tablet)	Sodium arsanilate	5
Sodium sulfachloropyridazine	Vetisulid powder	4
Sulfachloropyridazine (suspension)	Vetisulid	4
Sodium sulfamethazine (drench)	Sulmet	15
Spectinomycin dihydrochloride (solution)	Spectam scour halt	21
Sulfamethazine (tablet, powder, bolus)	Sulmet tablets	10
(drench)	Purina sulfa	10
Thiabendazole (paste)	Thibenzole	30
Topical Insecticides		
Permethrin (spray, dust)	Ectiban 5.7% EC	5
Lindane (spray)	Lindane 12.4% EC or 20% EC	30
Fenthion (pour-on)	Tiguvon 3% pour-on	14

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