

Antimicrobial drugs registered for use in poultry in Australia

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Under the Agricultural and Veterinary Products (Control of Use) Act 2002 and similar legislation in the other jurisdictions, chickens, including backyard poultry, are defined as major trade species animals and other major poultry species (including turkeys and ducks) are declared to be related to chickens and thus also considered as major trade species. All such species must therefore only be treated with registered products listed below with the withholding periods (WHP) strictly adhered to. Off-label treatment is at the responsibility of the prescribing veterinarian with consideration of the WHP length to apply.

Note: This document is a guide only. Always read the drug label carefully and follow label directions for use.

Antibiotic registered for poultry	Common indications	Withholding period (days)	
		Meat	Eggs
Amoxicillin	Respiratory, colibacillosis, spotty liver, necrotic enteritis, infectious coryza, egg peritonitis	2	Do not use ^a
Amoxicillin Trihydrate	As above	2	Nil ^b
Chlortetracycline	Respiratory, mycoplasma, necrotic enteritis, fowl cholera, infectious coryza, spotty liver, colibacillosis, egg peritonitis	7	Nil
Oxytetracycline	Necrotic enteritis	7	Do not use
Trimethoprim + Sulfadimidine	Yolk sac infection	14	Do not use ^c
Trimethoprim + Sulfadiazine	Yolk sac infection	14	Do not use
Apramycin	Not commonly used	14	Not specified
Lincomycin + Spectinomycin	Fowl cholera	10	Nil
Neomycin	Not commonly used	5	Nil
Erythromycin	Spotty liver	7	Do not use
Sulfadimidine	Not commonly used	14	Do not use
Tylosin	Mycoplasma, staphylococcus (synovitis)	Nil	Do not use ^d
Tiamulin	Not commonly used	5	Do not use

^{a,c,d} Can be used in replacement chicken layers (pullets) before at least [8 days^a, 14 days^c, 7 days^d] of laying onset where eggs are to be used or processed for human consumption

^bCCD Amoxycillin trihydrate is currently the only amoxycillin product with this withholding period

Anticoccidial registered for poultry	Minimum to maximum levels (ppm) in feed for broilers (B), pullets (P) and turkeys (T) ¹	Withholding period (days)	
		Meat	Eggs
Ionophorous antibiotic			
Monensin	B 100 – 120	Nil	Do not use
	P 100 – 120		
Lasalocid	B 75 – 100	1 ^a	Do not use ^b
	P 75 – 100		
	T 90 – 125		
Salinomycin	B 60	Nil	Do not use ^c
	P 60		
Narasin	B 60 - 80	Nil ^d	Do not use
Maduramicin	B 5	Nil	Do not use
Semduramicin	B 20 – 25	Nil	Do not use
Chemicals			
Amprolium Ethopabate	B 500	Nil	Do not use
	T 500		
Amprolium	N/A – water administration	Nil	Nil
Sulfaquinoxaline	N/A - water administration	7	Do not use
Nicarbazin	B 125	1	Do not use
Methyl benzoquate +clopidol	B 500	Nil	Do not use
DOT (dinitolmide)	B 125	Nil	Do not use ^e
	T 190		
Robenidine	B 33	5	Do not use
Decoquinate	B 30	Nil	Do not use
Toltrazuril	N/A - water administration	14	Do not use ^f

^a Zero days for turkey meat

^{b,c,e,f} Can be used in replacement chicken layers (pullets) before at least [14 days^b, 7 days^c, 14 weeks^e, 8 weeks^f] of laying onset where eggs are to be used or processed for human consumption

^d Do not use in turkeys or game birds – may be fatal

¹ These levels were obtained from the APVMA label. Always check the label prior to use.

Other antibiotics	Registered use	Withholding period (days)	
		Meat	Eggs
Bacitracin	For the control of necrotic enteritis.	Nil	Nil
Virginiamycin		Nil	Do not use
Avilamycin		Nil	Do not use
Flavophospholipol	To improve feed conversion efficiency	Nil	Nil

Antiparasitic registered for use on live poultry	Registered use	Withholding period (days)	
		Meat	Eggs
Piperazine	Roundworms	Nil	Nil
Levamisole	Roundworms, caecal worm and hairworm	7	Nil
Flubendazole	Roundworms, tapeworms, caecal worms and hairworms	7	Nil
Maldison	Lice, mites, ticks	7	Nil
Exzolt (fluralaner)^a	Poultry red mite	14	Nil
PREMISE TREATMENTS – NOT FOR USE ON LIVE POULTRY:			
Elector (Spinosad)^b	Poultry red mite	7	Nil

^aDo not use on chickens less than 3 weeks of age

^bNot to be used as a direct spray on animals. Where practical, animals to be removed from premises before use. Product can be used as an incidental spray only.