

POULTRY DRUG USE GUIDE

The following listing of approved poultry drugs for United States use is intended to provide a general guide of dose and preslaughter withdrawal time. When calculating withdrawal time, each day is a full 24 hours long, starting with the hour the bird last received the drug. The listing is neither inclusive nor exclusive and may change. Many of the listed drugs are approved for use in combination with other drugs. Drug approval does not indicate cross-clearance. For information regarding approved combinations and specific indications of use, the reader should consult one of the references listed at the end of this section. Italicized compounds are not for use in laying hens.

CHICKEN DRUG LIST

Active Ingredients	Route	Withdrawal Time (days)	Dose	Brand Name Examples
Amprolium	Water	0	0.006-0.024%	Amprol
Amprolium	Feed	0	0.0004-0.25%	Amprol
<i>Arsanilic acid</i>	Feed	5	90 g/ton	Pro-Gen 20%
Bacitracin methylene disalicyclate	Water	0	100-400 mg/gal	Solutracin
Bacitracin methylene disalicyclate	Feed	0	4-200 g/ton	BMD
Bacitracin zinc	Water	0	100-400 mg/gal	Baciferin Soluble
Bacitracin zinc	Feed	0	4-50 g/ton	Baciferin, Albac
<i>Bambermycins</i>	Feed	0	1-2 g/ton	Flavomycin
<i>Ceftiofur sodium</i> ^A	Inject	0	0.08-0.20 mg/chick, 0.17 – 0.5 mg/poult	Naxcel
<i>Chlortetracycline</i>	Water	1	100-1,000 mg/gal	CTC Solable, Aureomycin Soluble Powder
<i>Chlortetracycline</i>	Feed	2	10–500 g/ton	CLTC, ChlorMax, Aureomycin
<i>Clopidol</i>	Feed	5	0.0125-0.0250%	Coyden 25
Cyromazine ^B	Feed	3	1 lb/ton	Larvadex
<i>Decoquinat</i> e	Feed	0	27.2 g/ton	Deccox
<i>Diclazucil</i>	Feed	0	1 ppm	Clinacox

Active Ingredients	Route	Withdrawal Time (days)	Dose	Brand Name Examples
<i>Erythromycin</i> ^C	Feed	1-2	92.5-185 g/ton	Erymycin
<i>Gentamicin sulfate</i>	Inject	35	0.2 mg	Garasol Injectable
Hygromycin B	Feed	3	8-12 g/ton	Hygromix
<i>Lasalocid</i>	Feed	0	68-113 g/ton	Avatec
<i>Lincomycin</i>	Feed	0	2 g/ton	Lincomix
<i>Lincomycin HCl</i>	Water	0	64 mg/gal	Lincomycin Soluble
<i>Lincomycin/spectinomycin</i> ^D	Water	0	2 g antibacterial action/gal	LS 50 Water Soluble
<i>Monensin</i>	Feed	0	90-110 g/ton	Coban
<i>Narasin</i>	Feed	0	54-72 g/ton	Monteban
<i>Narasin/nicarbazin</i>	Feed	5	5490 g/ton of combination	Maxiban
<i>Nicarbazin</i>	Feed	4	0.0125%	Nicarb
Nitarsonsone	Feed	5	0.01875%	Histostat 50
<i>Novobiocin</i>	Feed	4	7-14 mg/lb BW/day	Albamix
Oxytetracycline hydrochloride	Water	5	200-800 mg/gal	Oxylet Soluble, Terramycin Powder
<i>Oxytetracycline</i> ^E	Feed	0-5	10-500 g/ton	Terramycin
Penicillin (from procaine penicillin)	Feed	0	2.4-10 g/ton	Penicillin 100
Piperazine	Water or Feed	0	50 – 200 mg/bird	Wazine
<i>Robenidine hydrochloride</i>	Feed	5	30 g/ton	Robenz
Roxarsone	Water	5	0.002% (21.7g/oz)	3-Nitro
<i>Roxarsone</i>	Feed	5	22.7-45.4 g/ton	3-Nitro
<i>Salinomycin</i>	Feed	0	40-60 g/ton	Sacox, Bio-cox

Active Ingredients	Route	Withdrawal Time (days)	Dose	Brand Name Examples
<i>Semduramicin</i>	Feed	0	22.7 g/ton	Aviax
<i>Spectinomycin dihydrochloride</i>	Water	5	0.5-2 g/gal	Spectam Water Soluble
<i>Spectinomycin dihydrochloride</i> ^A	Inject	0	2.5-5 mg/bird	Spectam Injectable
<i>Streptomycin Sulfate</i>	Water	4	10-15 mg/lb	Streptomycin Oral Solution
<i>Sulfadimethoxine</i>	Water	5	0.05-0.25%	Albon, sulfadimethoxine soluble powder
<i>Sulfadimethoxine/ormetoprim</i>	Feed	5	113.5 g/68.1 g/ton	Rofenaid
<i>Sulfamethazine sodium</i>	Water	10	50-124 mg/lb BW/day	Sulmet
<i>Sulfaquinoxaline</i>	Water	10	0.025-0.04%	Sulfaquinoxaline
Tetracycline hydrochloride	Water	4	200-800 mg/gal	Tetracycline, Solutet 324
<i>Tylosin tartrate</i>	Water	1 - 5	50 mg/lb BW/day	Tylan Soluble
<i>Tylosin</i> ^F	Feed	0-5	4-1,000 g/ton	Tylan
<i>Virginiamycin</i>	Feed	0	5-20 g/ton	Stafac
<i>Zoalene</i>	Feed	0	303 – 454 g/ton	Zoamix

^A For use in 1 to 3-day-old chicks only.

^B For use in layers or breeders only.

^C Do not use high dose level (185 g/ton) in layers.

^D Use only up to 7 days of age.

^F For layers use 20-50 g/ton dose. Highest dose level (1,000 g/ton) requires 5-day withdrawal.

TURKEY DRUG LIST

Active Ingredients	Route	Withdrawal Time (days)	Dose	Brand Name Examples
Amprolium	Water	0	4-16fl oz/50 gal	Amprol
Amprolium	Feed	0	0.0125-0.025%	Amprol
Arsanilic Acid	Feed	5	90 g/ton	Pro-Gen 20%, 100%
Bacitracin methylene disalicylate	Water	0	400 mg/gal	Solutracin
Bacitracin methylene disalicylate	Feed	0	4-200 g/ton	BMD
Bacitracin zinc	Feed	0	4-50 g/ton	Baciferin, Albac
Bambermycins	Feed	0	1-2 g/ton	Flavomycin
Carbarson	Feed	5	227-340.5 g/ton	Carb-O-Sep
Ceftiofur sodium ^A	Inject	0	0.17 – 0.5 mg/poult	Naxcel
Chlortetracycline	Water	1	100-400 mg/gal	Aureomycin Soluble
Chlortetracycline	Feed	1	10-400 g/ton	Aureomycin, Granular
Clopidol	Feed	5	0.0125-0.025%	Coyden 25
Diclazuril	Feed	0	1 ppm	Clinacox
Erythromycin	Feed	2	92.5-185 g/ton	Erymycin 100
Gentamicin	Inject	63	0.2 mg/bird	Garasol
Lasalocid	Feed	0	68-113 g/ton	Avatec
Monensin	Feed	0	54-90 g/ton	Coban
Neomycin sulfate	Water	0	10 mg/lb BW/day	Neomix
Nitrasone	Feed	5	0.01875%	Histostat
Novobiocin	Feed	4	4-8mg/lb BW/day	Albamix
Oxytetracycline hydrochloride	Water	4	200-400 mg/gal 25 mg/lb body wt	Terramycin
Oxytetracycline	Feed	0-5	10-200 g/ton	Terramycin
Penicillin (G potassium)	Water	1	1.5 million units/gal	Penicillin G Potassium
Penicillin (from procaine penicillin)	Feed	0	2.4 - 50 g/ton	Procaine Penicillin G for feed

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Active Ingredients	Route	Withdrawal Time (days)	Dose	Brand Name Examples
Piperazine sulfate	Water	14	100-200 mg/bird	Wazine
Roxarsone	Feed	5	22.7-45.4 g/ton	3-Nitro
Spectinomycin dihydrochloride	Inject	0	2.5-5 mg/bird	Spectinomycin HCL Injectable
Sulfadimethoxine	Water	5	0.025%	Albon, sulfadimethoxine soluble powder
Sulfadimethoxine/Ormetoprim	Feed	5	0.01%	Rofenaid
<i>Sulfamethazine sodium</i>	Water	10	53-130 mg/lb BW/day	Sulmet
Sulfaquinoxaline	Water	4	25 mg/lb BW/day	
Triple Sulfa (sulfamethazine, sulfamerazine, sulfaquinoxaline)	Water	14	0.025% solution	PoultrySulfa
Tylosin tartrate	Water	5	60 mg/lb BW/day	Tylan Soluble
Virginiamycin	Feed	0	10-20 g/ton	Stafac
Zoalene	Feed	0	151-454 g/ton	Zoamix

^A For use in 1 to 3-day-old poultts only.

REFERENCES

Arriuja-Dechert, A. (ed) 1999. Compendium of Veterinary Products, 5th ed. Adrian J. Bayley, Pub., Port Huron, MI.

FARAD (The Food Animal Residue Avoidance Databank), <http://www.farad.org>

Muirhead, S. (ed.) 1999. 1999 Feed Additive Compendium, The Miller Publishing Co., Minnetonka, MN