

Approved Antibiotics for Animals

This chart provides a general overview of the antibiotics approved for use in different species of animals and humans. The information presented should not be used to guide animal or human treatment decisions. Many antibiotics are approved for specific subsets of animals and for distinct illnesses; this chart does not present that level of detail. Additionally, many antibiotics have defined withdrawal times in food animal species. The Animal Medicinal Drug Use Clarification Act of 1994 (AMDUCA) allows veterinarians to prescribe extralabel uses of certain approved animal drugs and approved human drugs for animals under certain conditions within the context of a veterinarian-client-patient relationship.

| | Drug Class Active Ingredient | Livestock | Poultry | Companion Animal | Human or Other Animal Species |
|---------------------------------|-----------------------------------------------|-----------------------|---------------------|---------------------|-------------------------------------|
| Amino- cyclitols | Apramycin Sulfate | Swine | | | |
| | Spectinomycin Dihydrochloride Pentahydrate | Swine | Chickens Turkeys | Dogs | |
| | Spectinomycin Hydrochloride Pentahydrate | Swine | Chickens Turkeys | Dogs | |
| | Spectinomycin Sulfate Tetrahydrate | Cattle | Chickens | Dogs | Human |
| Amino- glycosides | Amikacin Sulfate | Horses | | Dogs | |
| | Dihydrostreptomycin Sulfate | Cattle | | Dogs | |
| | | Swine | | | |
| | | Horses | | | |
| | Gentamicin Sulfate | Cattle | Chickens | Dogs | |
| | | Horses | Turkeys | Cats | |
| | | Swine | | | |
| Kanamycin Sulfate | | | Dogs Cats | | |
| | | | | | |
| Neomycin Palmitate | Horses | | Dogs Cats | | |
| Neomycin Sulfate | Cattle | Turkeys | Dogs | Human | |
| | Horses | | Cats | | |
| | Swine | | | | |
| | Sheep | | | | |
| | Goats | | | | |
| Streptomycin sulfate | Swine | Chickens Pheasants | Dogs | Human | |
| | Horses | | | | |
| Beta- lactams | Amoxicillin Trihydrate | Cattle | | Dogs | Human |
| | | Swine | | Cats | |
| | Ampicillin Anhydrous | | | Dogs Cats | |
| | | | | | |
| | Ampicillin Sodium | Horses | | | |
| | Ampicillin Trihydrate | Cattle | | Dogs | |
| | | Swine | | Cats | |
| Cefadroxil | | | Dogs Cats | Human | |
| | | | | | |
| Ceftiofur Crystalline Free Acid | Cattle Swine | | | | |
| Ceftiofur Hydrochloride | Cattle | | | Human | |
| | Swine | | | | |

| | Drug Class Active Ingredient | Livestock | Poultry | Companion Animal | Human or Other Animal Species |
|------------------------|--------------------------------------|------------------|--------------|---------------------|-------------------------------------|
| | Ceftiofur Sodium | Cattle | Chickens | Dogs | |
| | | Swine | Turkeys | | |
| | | Goats | | | |
| | | Sheep | | | |
| | | Horses | | | |
| | Cephapirin Benzathine | Cattle | | | |
| | Cephapirin Sodium | Cattle | | | |
| | Amoxicillin/Clavulanate Potassium | | | Dogs Cats | Human |
| | Cloxacillin Sodium | Cattle | | Dogs | |
| | Hetacillin Potassium | Cattle | | Dogs Cats | |
| | Penicillin G Benzathine | Cattle Horses | | Dogs | Human |
| Penicillin G Potassium | | Turkeys | Dogs Cats | | |
| Penicillin G Procaine | Cattle | Chickens | Dogs | Human | |
| | Swine | Turkeys | Cats | | |
| | Horses | Pheasants | | | |
| | Sheep | Quail | | | |
| Penicillin V Potassium | | | Dogs Cats | | |
| Ticarcillin Disodium | Horses | | | Human | |
| Fluoro- quinolones | Danofloxacin | Cattle | | | |
| | Difloxacin Hydrochloride | | | Dogs | |
| | Enrofloxacin | Cattle | | Dogs | |
| | | Swine | | Cats | |
| | Marbofloxacin | | | Dogs Cats | |
| | | | Dogs Cats | | |
| Lincos- amides | Clindamycin Hydrochloride | | | Dogs Cats | Human |
| | Lincomycin | Swine | Chickens | Dogs Cats | |
| | Lincomycin Hydrochloride | Swine | Chickens | Dogs Cats | Human |
| | Pirlimycin Hydrochloride | Cattle | | | |
| Macrolides | Carbomycin | | Chickens | | |
| | Efrotomycin | Swine | | | |
| | Erythromycin | Cattle | Chickens | Dogs | Human |
| | | Swine | Turkeys | Cats | |
| | Erythromycin Phosphate | | Chickens | | |
| | Erythromycin Thiocyanate | Cattle | Chickens | Dogs | |
| | | Swine | Turkeys | Cats | |
| | Oleandomycin | Swine | | | |
| | Tilmicosin Phosphate | Cattle | | | |
| | | Sheep Swine | | | |
| Tulathromycin | Cattle | | | | |
| | Swine | | | | |
| Tylosin | Cattle | Chickens | Dogs | Honey Bees | |
| | Swine | Turkeys | Cats | | |
| Tylosin Phosphate | Cattle | Chickens | | Human | |
| | Swine | Turkeys | | | |

| | Drug Class Active Ingredient | Livestock | Poultry | Companion Animal | Human or Other Animal Species |
|--------------------|----------------------------------------|---------------------------|------------------------------------------------------|---------------------|-------------------------------------|
| | Tylosin Tartrate | Cattle Swine | Chickens Turkeys | | Honey Bees |
| Misc- ellaneous | Amphomycin Calcium | | | Dogs | |
| | Bacitracin Methylene Disalicylate | Cattle Swine | Chickens Turkey Quail Pheasants | Dogs | |
| | Bacitracin Zinc | Cattle Swine | Chickens Turkeys Pheasants Quail | Dogs Cats | Human |
| | Bambermycins | Cattle Swine | Chickens Turkeys | | |
| | Carbadox | Swine | | | |
| | Mupirocin | | | Dogs | Human |
| | Novobiacin Sodium | Cattle | | Dogs | |
| | Polymyxin B Sulfate | Cattle Sheep Horses | | Dogs Cats | Human |
| | Virginiamycin | Swine | Chickens | | |
| | Tiamulin Tiamulin Hydrogen Fumarate | Swine Swine | | | |
| Nitrofurans | Furazolidone | Horses Pony | | Dogs | |
| Phenicol | Florfenicol | Cattle Swine | | | Catfish Salmonids |
| | Chloramphenicol | | | Dogs Cats | |
| | Chloramphenicol Palmitate | | | Dogs | |
| Sulfon- amides | Ormetoprim / Sulfadimethoxine | | Chickens Turkeys Ducks Chukar partridges | Dogs | Salmonids Catfish |
| | Silver Sulfadiazine | | | Dogs | Human |
| | Sulfabromomethazine Sodium | Cattle | | | |
| | Sulfachlorpyridazine | Cattle Swine | | Dogs | |
| | Sulfadiazine | Horses | | Dogs | |
| | Sulfadiazine Sodium | Horses | | Dogs | |
| | Sulfadimethoxine | Cattle Horses | Chickens Turkeys Ducks Chukar partridges | Dogs Cats | Catfish Salmonids |
| | Sulfaethoxyypyridazine | Cattle Swine | | | |
| | Sulfamerazine | | Turkeys Chickens | | Trout |
| | Sulfamethazine | Cattle Swine Horses | Chickens Turkeys | | |
| | Sulfamethizole | | | Dogs Cats | |
| | Sulfanitran | | Chickens | Chickens | |

| | Drug Class Active Ingredient | Livestock | Poultry | Companion Animal | Human or Other Animal Species |
|------------------------------------------------------|-----------------------------------------|------------------|---------------------|-----------------------------|----------------------------------------------|
| | Sulfaquinoxaline | Cattle | Chickens Turkeys | | Domestic Rabbits |
| | Sulfathiazole | Swine | | | |
| | Sulfisoxazole | | | Dogs Cats | |
| | Sulfomyxin | | Chickens Turkeys | | |
| | Trimethoprim / sulfadiazine | Horses | | Dogs | Human |
| Tetra- cyclines | Chlortetracycline | Cattle | Chickens | | |
| | | Swine | Turkey | | |
| | | Sheep | | | |
| | Doxycycline Hyclate | | | Dogs | Human |
| | Oxytetracycline | Cattle | Chickens | Dogs | Human |
| | | Swine | Turkeys | Cats | Honey Bees |
| | | Sheep | | | Fish |
| | | | | | Salmonids |
| Oxytetracycline dihydrate | Cattle | Chickens | | Honey Bees | |
| | Swine | Turkeys | | Lobsters | |
| | Sheep | | | Catfish | |
| Oxytetracycline Hydrochloride | Cattle | Chickens | Dogs | Human | |
| | Swine | Turkeys | Cats | | |
| Oxytetracycline Monoalkyl Trimethyl Ammonium Salt | Cattle | | Chickens | | |
| Tetracycline Phosphate | | | Dogs | | |

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