



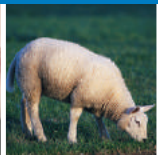
Beef Cattle



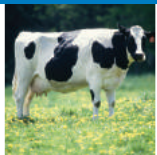
Poultry



Pigs



Sheep



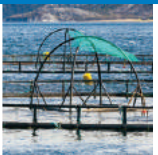
Dairy Cattle



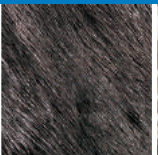
Goats



Horses



Fish & Shellfish



Fur Species



Bees



Antimicrobials



Did you know?

Medicated feed additives and antibiotics remain an important tool to support food animal production through the treatment and prevention of disease.

ANIMAL WELFARE

FOOD SAFETY

A TRUSTED & EFFECTIVE SOLUTION

SUSTAINABILITY
(SOCIAL, ENVIRONMENTAL, ECONOMICAL)

Health Canada's Veterinary Drugs Directorate has updated their policy around the use of **Medically Important Antimicrobials (Category I – III)** used in food animal production for the treatment & prevention of disease to support their judicious use. As of Dec 1st, 2018:

- All MIA's (Category I – III) require a veterinary prescription
- Removal of growth-promotion claims from all MIA's (Category I – III)
- No changes are being made to Non-Medically Important Antimicrobials (Category IV)



Antimicrobials Requiring a Veterinary Prescription

as of December 1, 2018

Based on the antimicrobial categorizations determined by Health Canada in relation to their importance to human medicine.

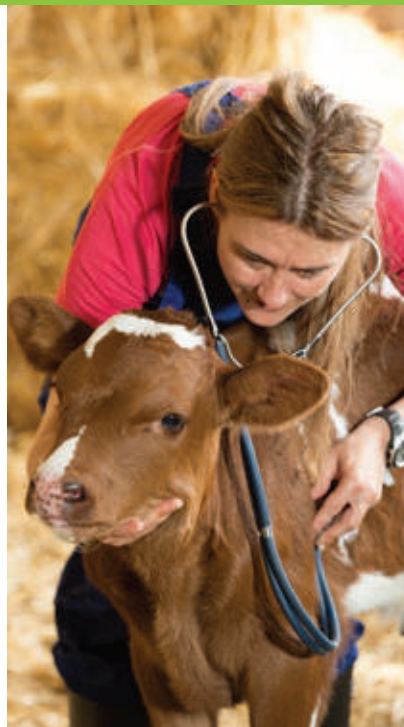
CONTAINS ANTIMICROBIAL, USE RESPONSIBLY

Category	Licensed Drug	Brand Names			
I Very High Importance Used in the treatment of serious human infections and there are no or limited alternatives.	Ceftiofur Danofloxacin Enrofloxacin Polymixin B	No change. These products already require a veterinary prescription. Includes products such as:			
		Baytril	Excenel	Ceftiofur	Spectramast
II High Importance Used in the treatment of serious human infections and have some alternatives. All of these previously over-the-counter products will require a veterinary prescription and will only be available through your veterinarian. If a product does not appear on this list, it may already require a veterinary prescription.	Apramycin Erythromycin Gentamicin Lincomycin Neomycin Penicillin G Spectinomycin Streptomycin/ Dihydrostreptomycin Tilmicosin Tulathromycin Tylosin Tylvalosin Virginiamycin	3-Biotic 3-Biotic + H Amplimune Apralan Aureomix 625 G Aureo S-P 250 G Aivlosin 17% Booster P S Conc Chlor 250 Granular Premix Component Implants with Tylan (E-C, E-H, E-S, TE 100, TE 200, TE-G, TE-H, & TE-S) Depocillin Gallimycin-50 Hi-Pencin 300 LincoMed 100 Lincomix 44 Premix Lincomix 100 Injectable Solution	Lincomix 110 Premix Lincomix Soluble Powder Lincomycin 44 G Premix Lincomycin 44 Premix Lincomycin 110 Premix Lincomycin Soluble Powder Lincomycin Spectinomycin 4.4% G Premix Lincomycin Spectinomycin 100 Soluble Powder Linco-Spectin 100 Soluble Powder Linco-Spectin Sterile Solution L-S 20 Premix Neo-Chlor Neoxytet SP Neo Sulfalyte Neo-Terramycin 50/50 Premix	Neo-Tetramed Neotet Soluble Concentrate Novodry Plus NSE Bolus Panolog Ointment Pen G Injection Pen Vet 300 Penicillin G Procaine 110 Penpro Pig Zest Penicillin G Potassium USP Soluble Powder 500 000 000 & 15 000 000 000 IU & 15 000 000 000 IU Pot Pen 500 000 000 & 15 000 000 000 Procaine Penicillin G Procillin Proc Pen LA	Propen LA Pulmotil Premix Scour-Plug Spectam Scour-Halt Stafac 22, 44, 500 Sulectim Plus Super Booster Super Chlor 250 Granular Premix Tilmovet Premix Tylan 10, 40 & 100 Premix Tylan 200 Tylan Soluble Tylosin 10 Premix Tylosin 40 Tylosin Soluble Powder Vibiomed Booster Virginiamycin 44 Premix
	III Medium Importance Are not the preferred treatment for serious human infections and there are alternatives available. All of these previously over-the-counter products will require a veterinary prescription and will only be available through your veterinarian. If a product does not appear on this list, it may already require a veterinary prescription.	Bacitracin Florfenicol Sulfamethazine Sulfaquinoxaline Tetracyclines/ Chlortetracyclines/ Oxytetracyclines Tiamulin	Alamycin LA Bacitracin MD Bio-Mycin 200 BMD 110 G Calf Span Tablets Compudose Co-Op Calf Scour Tablets Cyclosol 200 LA Denagard 10% GF Premix, 12.5% Liquid Concentrate, Medicated Premix Foul Brood Mix Kelamycin Intrauterine Suspension Liquamycin LA-200 Neutral Sulfa	Noromycin LA, LA 300, LP Oxycillin 250, 1000 Oxy 250, 1000 Oxymycine LS, LA 300, LP Oxysol 62.5 Oxytet-25 Oxytet 1000 SOP Oxy Tetra-A Oxytetracycline 50, 100, 200 Granular Premix Oxytetracycline HCl Soluble Powder 1000 Oxy Tetra Forte Oxytetramycin 100 Oxyvet 100 LP, 200 LA	Powder 21 2 Sulfamed 3 Sulvit Sodium Sulfamethazine Solution 12.5% & 25% Sulfa 2 Soluble Powder Sulfa 25 Sulfa 25% Solution Sulfamethazine 25% Solution Sulfamethazine Bolus Sulfa MT Sulfaquinoxaline Concentrate Sulfaquinoxaline 19.2% Liquid Concentrate Sulfavite
IV Low Importance These antimicrobials are not used in human medicine.		Amprolium, clopidol, diclazuril, dinitolmide (zoalene), nicarbazine, robenidine, etc. Ionophores (Lasalocid, Narasin, Salinomycin, Monensin) Flavophospholipols (Bambermycin)	No change to how these products are purchased. Products such as:		
		Coban Premix, Kextone, Monensin Premix, Rumensin CRC, Rumensin Premix, Flavomycin 4 Amprol 9.6% Solution, Amprol 25% Feed Mix, AmproMed, Avatec 20 Medicated Premix, Bovatec 20 Medicated Premix, Coxistac 6% Premix, Coxistac 12% Granular, Maxiban Premix, Monteban 100, Posistac 6% Premix, Saxoc 120, Salinomycin 60 Premix			

The label contains complete use information, including cautions and warnings. Always read, understand and follow the label and use directions. Consult your veterinarian.



Transition to and Implementation of the 'New' CMIB



Background

As an outcome of Government of Canada activities and new policies related to antimicrobial resistance, the Compendium of Medicating Ingredients Brochures (CMIB) is being updated in three key ways:

1. Growth promotion claims for medically-important antimicrobial drugs are being removed.

2. The medications listed below that are over the counter (OTC) will be changed to prescription status and moved to the prescription drug list (PDL). Consequently, feeds that contain them will require a veterinary prescription prior to sale.

- Bacitracin
- Lincomycin
- Neomycin
- Penicillin G
- Spectinomycin
- Sulphonamides
- Tilmicosin
- Tiamulin
- Tylosin-Tylvalosin
- Virginiamycin
- Tetracycline-Chlortetracycline-Oxytetracycline
- or their salts or derivatives

3. Five medications that have been previously approved for use in livestock feeds and listed on the PDL, and therefore requiring veterinary prescriptions, will be incorporated into the new CMIB.

- Avilamycin
- Emamectin Benzoate
- Florfenicol
- Trimethoprim
- Ormetoprim

The Animal Feed Division has also taken the opportunity to improve the format of the CMIB.

- Four indexes have been added to allow searching by active ingredient, brand name species / class and company name
- The Medicating Ingredient Brochure (MIB) numbers eliminated and replaced with codes that are similar to those used in associated CFIA sampling programs
- Drug Identification Numbers numbers now indicated



Canadian Food Inspection Agency

Agence canadienne d'inspection des aliments

April 1, 2018: Publication of the New CMIB

- The 'new' CMIB will be published on the CFIA website.
- The 2017 version of the CMIB will no longer be available on the CFIA website.

April 1 to November 30, 2018* (Transition Period): CFIA Compliance Activities

- During the transition period, feed manufacturers will need to assess whether they use the previous 2017 version or the 'new' CMIB when manufacturing medicated feeds. Regardless, one of these CMIBs must be used whenever on-label medicated feeds are manufactured during the transition period.
- The previous 2017 version of the CMIB will be used by CFIA inspection staff to verify compliance for products manufactured before April 1, 2018.
- The 'new' CMIB will be used to verify compliance for products manufactured after April 1, 2018.
- For feeds containing drugs that were OTC but moved to prescription status:
 - Inspection staff will remind facilities of the December 1, 2018 requirement to have a valid veterinary prescription prior to sale of any feed containing these drugs.
- For products found to be labelled with growth promotion claims that are no longer found in the 'new' CMIB or found to be missing information required by the 'new' CMIB:
 - Inspection staff will note such instances.
 - The facility will be reminded of the requirements of the 'new' CMIB and that effective December 1, 2018, the product would be subject to enforcement actions.
 - A CAR will not be issued.
- For feeds containing the five medications that have always been on the PDL and subject to veterinary prescriptions:
 - Inspection staff will verify that any floor-stocked product has been made and labelled in accordance with the new CMIB. Non-compliances will be subject to enforcement action.
 - Inspection staff will verify that a valid veterinary script was available prior to the sale for any feed containing these five drugs. Observed deviations will be communicated to Health Canada.

December 1, 2018: CFIA Compliance Activities

- Inspection staff will be instructed to assess all medicated feeds against the requirements of the 'new' CMIB.
- If a facility has any medicated feed inventory remaining that is labelled as per the previous 2017 version of the CMIB, relabelling of medicated feeds manufactured prior to December 1, 2018 with the 'new' CMIB is an option for industry to make them compliant.
- For feeds containing drugs that were previously OTC but moving to prescription status:
 - Inspection staff will verify that any floor-stocked product has been made and labelled in accordance with the 'new' CMIB. Non-compliances will be subject to enforcement action.
 - Inspection staff will verify that a valid veterinary prescription was available prior to the sale for any feed containing these drugs. Observed deviations will be communicated to Health Canada.
- For products found to be labelled with growth promotion claims that are no longer found in the 'new' CMIB or found to be missing information required by the 'new' CMIB:
 - Non-compliances will be subject to enforcement actions.
- DIN products with 'old' labels that have not expired cannot be sold (example, to producers or other feed manufacturers), but can be used in-house to manufacture medicated feeds. However, these feeds need to be manufactured and labelled in accordance with the 'new' CMIB and not as specified on the 'old' label.

NOTE: Sequencing Guide

The sequencing guide will still be valid and available for use by feed manufacturers.

Modifications will be made to the document to align with updates to the CMIB.

*The requirements around Extra label Drug Use (i.e. off-label) of medications are not impacted.

FACT SHEET: ACCESSING AND SELLING VETERINARY PRESCRIPTION DRUGS INCLUDING ALL MEDICALLY IMPORTANT ANTIMICROBIALS (CATEGORY I-III)

In-Feed Prescription Products

Commercial Feed Mills:

- **CAN** purchase prescription **DIN Drug Premixes** to manufacture medicated feeds (complete feed, supplement, macro premix, or micro premix)
- **CAN** manufacture & floor stock a prescription medicated feed as per the CMIB prior to a veterinary feed prescription being on file
- **MUST** ensure that a **Veterinary Feed Prescription** has been completed prior to the sale of a prescription medicated feed to an end-user/producer
- **CANNOT** floor stock prescription medicated feeds that are “off label” (i.e. not as per the CMIB)
- **CANNOT** sell a **DIN Drug Premix** to an end-user/producer unless otherwise authorized under provincial or territory law (such as in Quebec)

Retail Stores (livestock medicine outlets, farm supply stores or feed stores):

- **CANNOT** sell a prescription medicated feed to an end-user/producer unless otherwise authorized under provincial or territory law (such as in Quebec)
- **CANNOT** purchase or sell a **DIN Drug Premix** to an end-user/producer unless otherwise authorized under provincial or territory law (such as in Quebec)

Veterinarians & Pharmacists:

- **CAN** purchase **DIN Drug Premixes** and sell to an end-user/producer with a **Veterinary Prescription** prescription

Other Prescription Product Formulations (including injectables & water solubles)

Commercial Feed Mills:

- **CANNOT** purchase or dispense any Prescription drugs to an end-user/producer, unless otherwise authorized under provincial or territory law (such as in Quebec)

Retail Stores (livestock medicine outlets, farm supply stores or feed stores):

- **CANNOT** purchase or dispense any Prescription drug to an end-user/producer unless otherwise authorized under provincial or territory law (such as in Quebec)

Veterinarians & Pharmacists:

- **CAN** purchase and dispense these prescription drugs to end users/producers with a **Veterinary Prescription**
- **MUST** be prescribed by a veterinarian under a **Veterinary Client Patient Relationship**

It is important to note that the distribution and sale of prescription drugs is a shared authority, and some provinces and/or territories may authorize certain facilities, beyond veterinary clinics and pharmacies, to sell prescription drugs to end users at retail (such as in Quebec).

Dr. Manisha Mehrotra, Director Human Safety Division, Veterinary Drugs Directorate. CAHPRAC meeting, November 7, 2017. “Antimicrobial Stewardship: Health Canada’s Policy Initiatives to Increase Oversight of Medically Important Antimicrobials”.

“Notice to Stakeholders: Update on Collaborative efforts to promote the prudent use of Medically-Important Antimicrobials (MIAs) in animals”.
<https://www.canada.ca/en/health-canada/services/drugs-health-products/veterinary-drugs/antimicrobial-resistance/notice-stakeholders-update-collaborative-efforts-promote-prudent-use-medically-important-antimicrobials-animals.html>

Elanco

1-800-265-5475
www.elanco.ca

Supporting the Judicious Use of Antimicrobials

To learn more, reach out to the most appropriate contact listed below:



(613) 241-6421
info@anacan.org

Provincial Veterinary Associations:

College of Veterinarians of British Columbia
604-929-7090

Alberta Veterinary Medical Association
780-489-5007

Saskatchewan Veterinarian Medical Association
306-975-0623

Manitoba Veterinary Medical Association
204-832-1276

College of Veterinarians of Ontario
(519) 824-5600

New Brunswick Medical Veterinary Association
506-693-9994

Nova Scotia Veterinary Medical Association
902-865-1876

The Prince Edward Island Veterinary
Medical Association
902-367-3757

Newfoundland & Labrador Veterinary
Medical Association
nalvmacouncil@gmail.com

Ordre des médecins vétérinaires
du Québec (OMVQ)
1-800-267-1427

Provincial Pharmacy Associations:

BC Pharmacy Association
604-261-2092

Alberta Pharmacists' Association
780-990-0326

Pharmacists Association Of Saskatchewan
306-359-7277

Pharmacists Manitoba
204-956-6680

Ontario Pharmacists Association
416-441-0788

New Brunswick Pharmacists Association Inc.
506-459-6008

Pharmacy Association Of Nova Scotia
902-422-9583

Prince Edward Island Pharmacists
Association
902-367-7080

Pharmacists' Association Newfoundland & Labrador
709-753-7881

Association québécoise des pharmaciens
propriétaires (AQPP)
514 254-0676

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