

# Chicken Farmers of Canada

## *On-farm Food Safety Program*

# Program update



Note: This is a supplement to Section 6.2 “Use of Medications During the Grow-Out Period”. Please add this information to Chapter 6 in the food safety binder.

### **CFC Antimicrobial Use Strategy**

CFC’s antimicrobial use strategy focuses on the preventive use of antibiotics of importance to human medicine (i.e. those antibiotics categorized as I, II and III). CFC’s strategy provides a sustainable means of meeting consumer expectations, while protecting animal health.

CFC’s strategy is not a RWA (Raised without the Use of Antibiotics) strategy. Key elements of the strategy include:

- » To maintain the use of ionophores (Category IV) and coccidiostats for prevention
- » To maintain the use of antibiotics for treatment

CFC’s strategy is a phased-in approach that involves eliminating the preventive use of Category II antibiotics by the end of 2018 and to work towards the goal of eliminating the preventive use of Category III antibiotics by the end of 2020. The goal of eliminating the preventive use of Category III antibiotics will be contingent on a re-assessment in 2019 to determine the readiness of the industry to proceed.

For more information on the CFC strategy, please visit the **ChickenFarmers** website for the *AMU Strategy Magazine: A Prescription for Change*.

### **New Requirement**

**MD**

As of January 1, 2019, Category II antibiotics are not permitted to be used in a preventive manner. This includes antimicrobial use at the hatchery, in feed and via water.

This new requirement will be incorporated into the audit checklist beginning in 2019. Starting in 2019, hatcheries will be indicating on the delivery document that the chicks have not been treated with Category II antibiotics in a preventive manner.

The definitions of preventive and therapeutic are as follows:

**Preventative Use (prophylaxis)** – The use of an antimicrobial to prevent the occurrence of an infectious disease in healthy flocks.

**Therapeutic Use** – The use of an antimicrobial to treat a clinical or subclinical infectious disease in birds, including the mass medication of flocks in which a subset of the population is identified with a clinical or subclinical infectious disease (metaphylaxis).

### **The Categorization of Antibiotics**

Antibiotics are ranked (Categories I-IV) by Health Canada based on their importance to human medicine.

Chemical coccidiostats, which are not defined as antibiotics, are not impacted by this new requirement. These products include: Nicarb, Robenz, Amprol, Zoamix, Coyden, Stenerol, Clinicox and Deccox.

The following table provides the classification of antibiotics:

CATEGORY	DRUG FAMILY	BRAND NAME
<b>I - Very High Importance (Essential for serious human infections with limited or no alternatives available)</b>		
	Ceftiofur	Excenel (extra-label)
	Enrofloxacin	Baytril (extra-label)
<b>II - High Importance (Essential for treating serious human infections and few alternatives available)</b>		
	Virginiamycin	Stafac, Virginiamycin
	Penicillins	Paracillin SP, Pot-Pen, Penicillin G Potassium, Pen-P, Penicillin G Procaine, Vibiomed Booster, Medivit, Super Booster
	Tylosin	Tylan
	Gentamycin	Gentocin
	Lincosamides	Lincomix, Lincomycin, Linco-Spectin, L-S soluble powder
	Trimethoprim-Sulfadiazole	Uniprim (extra-label)
<b>III - Medium Importance (Important for treating human infections and alternatives are generally available)</b>		
	Bacitracin	BMD, Albac, Zinc Bacitracin
	Sulphonamides	Sulfa, Sodium Sulfamethazine, Sulphaquinoxaline, Quinoxine S
	Apramycin	Apralan (extra-label)
	Spectinomycin	Spectam (extra-label)
	Tetracyclines	Aureomycin, Oxy, Oxysol, Oxytetracycline, Terramycin, Onycin, Neo-Tetramed, Tetra, Tetracycline
	Neomycin (Sulfate, Oxytetracycline, Tetracycline)	Neomix, Neomycin, Neomed, Neo Oxymed, Neotet, Neox, Neo-Chlor, Neo-Tetramed
<b>IV - Low Importance (Not used in human medicine)</b>		
	Bambermycin	Flavomycin
	Ionophores	Rumensin, Monensin, Coban, Monteban, Maxiban, Aviax, Salinomycin Premix, Sacox, Bio-Cox, Coxistac, Posistac, Cygro, Bovatec, Avatec
<b>Uncategorized</b>		
	Avilamycin	Surmax

## Preventive Use

Only the preventive use of antibiotics are impacted by this new requirement. While not an exhaustive list, the most commonly used products in a preventive manner are the following:

	DRUG FAMILY	BRAND NAME
<b>Antibiotic Use at the Hatchery</b>		
Category II	Lincomycin+Spectinomycin	Linco-Spectin
	Gentamycin	Gentocin
<b>Antibiotic Use in the Feed</b>		
Category II	Virginiamycin	Stafac, Virginiamycin
	Lincomycin HCL	Lincomix
	Tylosin	Tylan
	Penicillin G Procaine	Pen-P, Penicillin G Procaine
Category III	Bacitracin	BMD, Albac, Zinc Bacitracin
<b>Antibiotic Use in the Water</b>		
Category II	Penicillin+Spectinomycin	Vibiomed Booster, Medivit, Super Booster