



From:

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Re: Flavomycin®, Safe-Guard® Premix 20%
Case Id: ON-090821-23583
Date of Response: Sep 9, 2021 6:53:20 AM

Case Information:

Date Submitted Sep 8, 2021 1:29:47 PM
Species Turkeys
Number of Animals 23500
Location of Animals [REDACTED]
Reason for Use Prophylaxis
Drugs Administered

Drug Trade Name	Generics	Route	Dose	Diseases
Flavomycin®	• bambermycins	Oral - Feed	2 ppm (in feed) Continuously for 7 days	• Alimentary: necrotic enteritis - clostridium perfringens
Safe-Guard® Premix 20%	• fenbendazole	Oral - Feed	30 ppm (in feed) Continuously for 7 days	• Alimentary: endoparasites - ascarids • Alimentary: endoparasites - heterakis

Response and Recommendation: 72 hours

Flavomycin is labeled “for increased rate of weight gain” in turkeys up to 12 weeks of age at 2 ppm of bambermycins in feed with a zero day withdrawal time. Fenbendazole (Safe-Guard® Premix 20%) has just been approved as a dewormer for growing turkeys in Canada at 16 ppm to be fed

for 6 days with a withdrawal time of 24 hours. The VDD has just set an MRL for turkeys at 3 ppm for liver and 2 ppm for kidney, muscle & skin-fat. In your case, fenbendazole will be used at approximately 2X the approved dose for 7 days. By convention, we add an elimination half-life for every increasing/doubling of the drug dose. This also applies when the duration of treatment is extended. Given that the label withdrawal time is 24 hours and to comply with CgFARAD™ policy of recommending a "greatly extended" withdrawal interval for any extralabel drug use in food animals, we recommend following a withdrawal interval of at least 72 hours for this extralabel use of fenbendazole in turkeys. We are not aware of any interaction between these drugs that would require further extension of the withdrawal intervals. Therefore, we recommend following a withdrawal interval of at least 72 hours for this combination.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 72 hours, which should be sufficient so that detectable residues are not found. Furthermore, this recommendation for residue avoidance does not address the risks of developing or transmitting antimicrobial resistance from treated animals to other animals or humans following the extralabel use of this antimicrobial. Because the Canadian gFARAD withdrawal recommendation is not an official withdrawal time and is based on data that has not been reviewed nor approved by the Veterinary Drugs Directorate or the Canadian Food Inspection Agency, responsibility for residue violations rests with the attending veterinarian.

To review this request in CgFARAD:

<https://farad.usask.ca/cgfarad/vet/viewRequest?id=23583&langen>