



From:

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To: [REDACTED]	Re: Flavomycin® 4, Safe-Guard Premix
Telephone: [REDACTED]	Case Id: ON-102121-23800
Fax: [REDACTED]	Date of Response: Oct 22, 2021 11:37:30 AM
Email: [REDACTED]	

Case Information:

Date Submitted Oct 21, 2021 9:47:26 AM
Species Turkeys
Number of Animals 27000
Location of Animals [REDACTED]
Reason for Use Prophylaxis

Drugs Administered

Drug Trade Name	Generics	Route	Dose	Diseases
Flavomycin® 4	• bambermycin s	Oral - Feed	2 ppm (in feed) Continuously for 7 days	• Alimentary: enteritis - etiology unknown
Safe-Guard Premix	• fenbendazole	Oral - Feed	16 ppm (in feed) Continuously for 7 days	• Alimentary: endoparasites - ascarids • Alimentary: endoparasites - heterakis

Response and Recommendation: 48 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%) is 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 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 the approved dose but the duration of treatment will be extended. 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 of Safe-Guard Premix is 24 hours for turkeys 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 48 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 48 hours for this combination.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 48 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/cqfarad/vet/viewRequest?id=23800&lang=en>