



From:

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To: [REDACTED] **Re:** Bovatec® Medicated Premix, Surmax™ 200 Premix
Telephone: [REDACTED] **Case Id:** ON-081621-23474
Fax: [REDACTED] **Date of Response:** Aug 16, 2021 1:32:43 PM
Email: [REDACTED]

Case Information:

Date Submitted Aug 16, 2021 12:27:53 PM
Species Chickens/Broilers
Number of Animals 25000
Location of Animals [REDACTED]
Reason for Use Prophylaxis
Additional Information The total length of time that Avilamycin is given in feed is greater than 21 days.

Drugs Administered

Drug Trade Name	Generics	Route	Dose	Diseases
Bovatec® Medicated Premix	• lasalocid sodium	Oral - Feed	90 ppm (in feed) Continuously for 15 days	• Alimentary: coccidiosis
Surmax™ 200 Premix	• avilamycin	Oral - Feed	15 ppm (in feed) Continuously for 15 days	• Alimentary: necrotic enteritis - clostridium perfringens

Response and Recommendation: 1 day

Lasalocid is approved for broiler chickens for the prevention of coccidiosis at 105 ppm in feed with no limit to the duration of treatment and with a zero day withdrawal time. Avilamycin is approved for use in broiler chicken feeds for the prevention of necrotic enteritis at 15 to 30 ppm for 21 days with a zero day withdrawal time. The CMIB has now included this statement regarding avilamycin:

"This livestock feed contains a medically important antibiotic. To reduce the development of antimicrobial resistance and maintain effectiveness, use this antibiotic prudently." Due to concerns regarding antimicrobial resistance, the Veterinary Drugs Directorate will no longer approve antimicrobials for continuous use throughout the production cycle and they strongly discourage extended durations of therapy. As such, we suggest that extended treatments with avilamycin should be avoided whenever possible and if used beyond the approved 21 days, we recommend a withdrawal interval of at least 1 day. 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 1 day for this combination.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 1 day, 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=23474&langen>