



From:

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Re: Maxiban™ Premix, Surmax™ Premix
Case Id: ON-040621-22848
Date of Response: Apr 7, 2021 5:03:06 PM

Case Information:

Date Submitted Apr 6, 2021 10:55:35 AM
Species Chickens/Broilers
Number of Animals 20000
Location of Animals [REDACTED]
Reason for Use Prophylaxis
Additional Information The total length of time that Avilamycin will be given in feed is greater than 21 days.

Drugs Administered

Drug Trade Name	Generics	Route	Dose	Diseases
Maxiban™ Premix	<ul style="list-style-type: none">• narasin• nicarbazin	Oral - Feed	50 ppm (in feed) Continuously for 18 days	<ul style="list-style-type: none">• Alimentary: coccidiosis
Surmax™ Premix	<ul style="list-style-type: none">• avilamycin	Oral - Feed	15 ppm (in feed) Continuously for 18 days	<ul style="list-style-type: none">• Alimentary: necrotic enteritis - clostridium perfringens

Response and Recommendation: 24 hours

Maxiban is approved for use in broiler chicken feeds for the prevention of coccidiosis at 80 ppm to 100 ppm of total narasin/nicarbazin activity (40 ppm to 50 ppm of each) with no limit to the duration of treatment 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 24 hours. 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 24 hours for this combination.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 24 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=22848&langen>