



**From:**

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**To:** [REDACTED]                      **Re:** Nicarb®, Avatec® Medicated Premix, Surmax™ 200 Premix  
**Telephone:** [REDACTED]            **Case Id:** ON-100621-23744  
**Fax:** [REDACTED]                    **Date of Response:** Oct 7, 2021 8:34:53 AM  
**Email:**  
[REDACTED]

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**Case Information:**

**Date Submitted**                      Oct 6, 2021 2:25:41 PM  
**Species**                                    Chickens/Broilers  
**Number of Animals**                    30000  
**Location of Animals**                  [REDACTED]  
**Reason for Use**                        Prophylaxis

**Drugs Administered**

Drug Trade Name	Generics	Route	Dose	Diseases
Nicarb®	• nicarbazin	Oral - Feed	50 ppm (in feed) Continuously for 5 days	• <b>Alimentary:</b> coccidiosis
Avatec® Medicated Premix	• lasalocid sodium	Oral - Feed	50 ppm (in feed) Continuously for 5 days	• <b>Alimentary:</b> coccidiosis
Surmax™ 200 Premix	• avilamycin	Oral - Feed	20 ppm (in feed) Continuously for 5 days	• <b>Alimentary:</b> necrotic enteritis - clostridium perfringens

**Response and Recommendation:** 4 days

Nicarbazin is approved for use in chickens (up to 12 weeks of age) for the prevention of coccidiosis up to 200 ppm with no limit to the duration of treatment. When used according to the

label directions, the withdrawal time of nicarbazin is 4 days for meat. Lasalocid is approved for broiler chickens for the prevention of coccidiosis at 105 ppm in feed, 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. We are not aware of any interaction between these drugs that would require further extension of the withdrawal periods. Therefore, we recommend following a withdrawal interval of at least 4 days for this combination.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 4 days, 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=23744&langen>