



**From:**

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**Re:** BMD® 110 G, Nicarb®  
**Case Id:** ON-121421-24029  
**Date of Response:** Dec 14, 2021 11:11:39 AM

**Case Information:**

**Date Submitted** Dec 14, 2021 10:53:58 AM  
**Species** Chickens/Broilers  
**Number of Animals** 80000  
**Location of Animals**  
**Reason for Use**  
**Drugs Administered**

Drug Trade Name	Generics	Route	Dose	Diseases
BMD® 110 G	• bacitracin	Oral - Feed	55 ppm (in feed) Continuously for 18 days	• <b>Alimentary:</b> necrotic enteritis - clostridium perfringens
Nicarb®	• nicarbazin	Oral - Feed	100 ppm (in feed) Continuously for 18 days	• <b>Alimentary:</b> coccidiosis

**Response and Recommendation:** 4 days

Bacitracin is approved for use in broiler chicken rations for the prevention of necrotic enteritis at 55 ppm to be fed continuously until birds reach market weight with a zero day withdrawal time. 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. 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.