



From:

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Re: BMD® 110 G
Case Id: ON-081221-23464
Date of Response: Aug 16, 2021 8:04:26 AM

Case Information:

Date Submitted Aug 12, 2021 10:57:51 AM
Species Chickens/Broiler Breeder
Number of Animals 30000
Location of Animals [REDACTED]
Reason for Use
Additional Information Please provide both meat and egg withdrawals.

Drugs Administered

Drug Trade Name	Generics	Route	Dose	Diseases
BMD® 110 G	• bacitracin	Oral - Feed	55 ppm (in feed) Continuously for 7 days	• Alimentary: necrotic enteritis - clostridium perfringens

Response and Recommendation: 0 days for meat and eggs

Bacitracin is labelled 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. Bacitracin has just been approved for the treatment of necrotic enteritis in broiler and layer chickens at 110 ppm to be fed continuously for 7 days (<https://health-products.canada.ca/dpd-bdpp/dispatch-repartition.do>). According to the updated label, no meat or egg withdrawal period is required when fed according to the label directions. The label does not mention any adverse effects in broiler breeder chickens. Therefore, we recommend following a withdrawal interval of zero days for meat and eggs for this use of bacitracin in broiler breeder chickens.

Therefore, the Canadian gFARAD recommends a withdrawal interval of zero days for meat and eggs, 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=23464&lang=en>