



reference of a plasma elimination half-life of 2 hours. By modelling the US data from the highest tissue levels (liver), we believe that a 72 hour (3 days) withdrawal interval for meat will be sufficient to prevent detectable residues of sulfadiazine in chickens at this dose.

Therefore, the Canadian gFARAD recommends a withdrawal interval of 3 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=21353&langen>