

What is FARAD?

- A national food safety program supported by grants from the USDA National Institute for Food and Agriculture (NIFA)
- A consortium of experts in pharmacology, pharmacokinetics, and food animal specialists

- Our primary goal is to ensure that human foods derived from animals (i.e. meat, milk, eggs) are free of illegal and/or unsafe chemical residues by providing kinetic information to guide the veterinarian in assigning a withdrawal interval for extra label drug use (ELDU)

Who are we?



What do we do?



Modern animal agriculture relies heavily on the use of therapeutic drugs, pesticides and other agents that improve overall animal health and promote safe, efficient and humane production practices. Through the assimilation of a comprehensive drug database and the use of state-of-the-art pharmacokinetic modeling, FARAD scientists determine appropriate withdrawal periods for a wide array of chemical entities and provide this information to veterinarians. In addition, FARAD provides rapid response assistance regarding extra-label use of drugs in animal agriculture, and during food contamination emergencies which might arise from accidental exposure to environmental toxins, particularly pesticides, or intentional efforts to contaminate the food supply. Finally, FARAD provides assistance in trade matters related to foreign drug approvals and trains future veterinarians in the principles of residue avoidance.

FARAD Services

Withdrawal Interval Requests

VetGRAM Search for FDA Approved Products

Recommended Drug Withdrawal Intervals

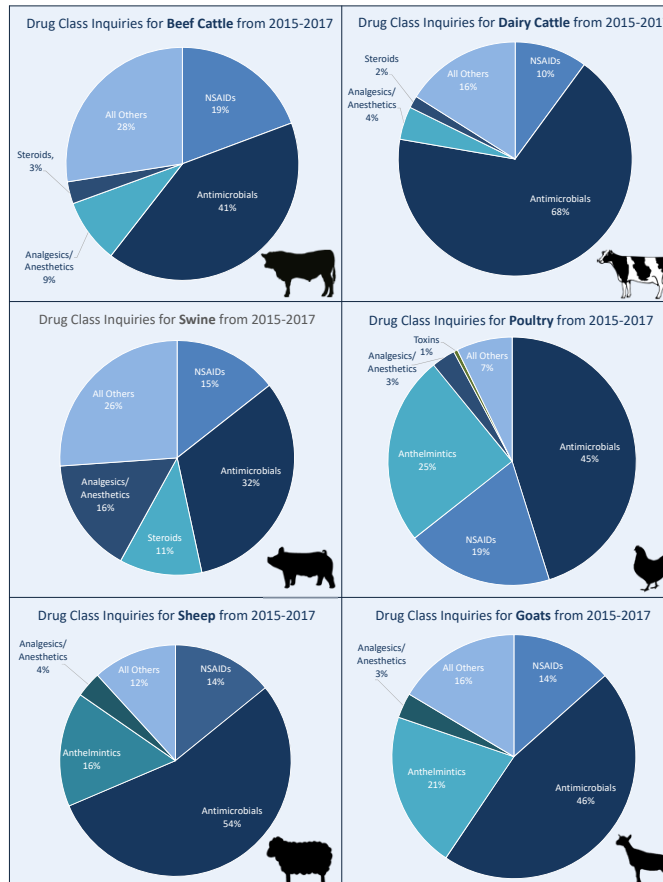
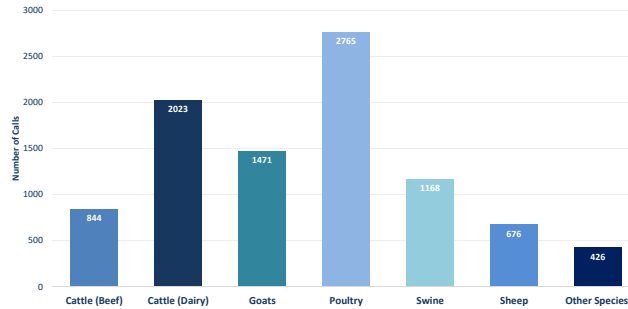
Information about Prohibited and Restricted Food Animal Drugs

FARAD Digests and Research Articles

Species-Specific Webpages

FARAD Call Data

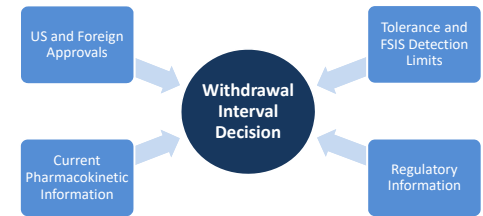
Distribution of Calls by Species from 2015-2017



NOTE: Data is subject to change based on daily inquiries to FARAD and serves as a general overview for FARAD calls. Clinical decisions should not be based off this data. Data generated depicts statistics from 3/1/2015 to 11/13/2017.

Basis for WDI Recommendations

The overarching goal of FARAD is to provide current and accurate scientific information to veterinary practitioners thereby ensuring animal-derived human foods are devoid of unsafe chemical residues, including drugs, pesticides, natural toxins and environmental contaminants. Pursuant to the Animal Medicinal Drug Use Clarification Act of 1994 (AMDUCA), FARAD provides science-based estimates of safe withdrawal intervals for food-producing animal species that have been treated with or exposed to drugs or other chemicals. To do this, FARAD utilizes the most current pharmacokinetic information, approvals both domestic and foreign, tolerance and FSIS detection limits, as well as regulatory and legal requirements. FARAD receives thousands of calls that directly affect approximately 10 million animals per year.



Location Information

FARAD is a USDA-funded university-based consortium that is overseen and operated by faculty and staff within the Colleges of Veterinary Medicine at North Carolina State University, University of California-Davis, the University of Florida, Kansas State University and Virginia Polytechnic Institute and State University (Virginia Tech). FARAD is staffed by highly-trained veterinary pharmacologists, veterinary pharmacists, toxicologists, and food animal specialists.



Contact FARAD

Pursuant to AMDUCA, FARAD invites prescribing veterinarians with a valid veterinarian-client-patient relationship (VCPR) to send inquiries regarding extra label drug use via online submissions or telephone. Please note that FARAD no longer accepts email submissions.



Internet:
Web Submission at
www.farad.org

Telephone:
Call 1-888-873-2723

