



FARM SAFETY CHECK

COVID-19 FRIENDLY

Antimicrobial Resistance Checklist

Antimicrobial Resistance (AMR) occurs when microorganisms – bacteria, fungi, viruses, and parasites become resistant to antimicrobial substances, like antibiotics, antifungals and others. It is one of the most urgent threats to public health. According to the [Centers for Disease Control and Prevention](#), each year in the United States, at least 2.8 million antibiotic-resistant infections occur, and more than 35,000 people die as a result. Combating AMR requires multifaceted efforts in many areas.

Antimicrobials, like antibiotics, play a critical role in treatment of animals and plants both on land and in water, helping to assure food safety and quality, animal health and welfare and farmer livelihoods. Producers are key in helping to reduce the development and spread of antimicrobial resistance. Because of this, *adopting good agricultural and health practices for animals and people who work on farms is important for combating antimicrobial resistance for the community and our food supply.*

You and/or your employee(s) can use this form to complete safety checks on your farm. Use the form below to list additional safety checks you think are important when inspecting your farm. Keep the completed forms for follow-up, future reference and inspections. Additional copies of this form can be downloaded at:

<http://umash.umn.edu/umash-farm-safety-check/>

Reviewed by: Addisalem Bedada

Disclaimer: Don't forget to wear a mask and follow all social distancing practices in the applicable situations below.

Potential Hazard	Yes	Needs Correction	Date Corrected or Notes
Are you consulting a veterinarian before using antibiotics when animals get sick? Antibiotic use should involve veterinary oversight per U.S. guidance.	<input type="checkbox"/>	<input type="checkbox"/>	
Are you continuing the full course and prescribed dose of antibiotics at the same frequency even when your animal shows improvement?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you use antimicrobials only for the intended animal?	<input type="checkbox"/>	<input type="checkbox"/>	
Are you aware of the Veterinary Feed Directive (VFD)? It is an important part of the FDA's overall strategy to ensure the ethical use of medically important antimicrobials in food-producing animals. Learn more here .	<input type="checkbox"/>	<input type="checkbox"/>	
Are you following proper drug storage guidelines? The storage room should be clean, dry and maintained within acceptable temperature and humidity limits.	<input type="checkbox"/>	<input type="checkbox"/>	
Are animal drugs properly labeled and separated? Example: drugs intended for use in dairy calves, dairy heifers, dairy bulls, and dry dairy cows must be labeled and segregated from drugs for cows that are currently being milked.	<input type="checkbox"/>	<input type="checkbox"/>	
Are adequate animal vaccination, good worker and animal hygiene and animal welfare practices taking place? Those practices lead to healthier animals and reduce the need for antimicrobials.	<input type="checkbox"/>	<input type="checkbox"/>	
Do employees receive proper training, wash hands and boots thoroughly before and after contact with animals, and change their clothes and shoes when working with livestock?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you keep a record of all antibiotic use, including dates and times? Learn more, including federal guidelines, here .	<input type="checkbox"/>	<input type="checkbox"/>	
Is your farm complying with the state or local requirements for proper disposal of expired drugs, needles, gloves, syringes, sachets?	<input type="checkbox"/>	<input type="checkbox"/>	
Do you always follow your healthcare provider's advice when using antibiotics for yourself? For more information, please click here .	<input type="checkbox"/>	<input type="checkbox"/>	

Name of person completing safety check: _____ Date completed: ___/___/___

SEE THE NEXT PAGE FOR ADDITIONAL RESOURCES



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Additional Hazards	Yes	Needs Correction	Date Corrected or Notes
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	

ADDITIONAL RESOURCES

[Antimicrobial resistance in food and agriculture](#)

Food and Agriculture Organization of the United Nations

[Antibiotic Resistance: What the Agriculture Sector Can Do](#)

World Health Organization

[Antimicrobial Resistance Action Plan](#)

United States Department of Agriculture

[Farmers, frontline defenders against antimicrobial resistance](#)

Food and Agriculture Organization of the United States

[Antibiotic/Antimicrobial Resistance \(AR/AMR\): Livestock and Poultry Producers: Protect People and Animals](#)

Centers for Disease Control and Prevention

[Disposal of Unwanted Medications](#)

American Veterinary Medical Association

[Antibiotic Use in Livestock Production: Ensuring Animal Health](#)

North American Meat Institute

[Milk & Dairy Beef Drug Residue Prevention Reference Manual 2018](#)

National Dairy Farm Program

The facts and information provided are suggestions for your safety, but are in no way a comprehensive and exhaustive list of all actions needed to insure your safety, and are not an endorsement of any products mentioned.

For additional Farm Safety Check topics and resources, visit: <http://umash.umn.edu/umash-farm-safety-check/>

To receive Farm Safety Check topics via email, join the UMASH email list at <http://umash.umn.edu/join-our-email-list>

The Upper Midwest Agricultural Safety and Health Center (UMASH) is a Center of Excellence in Agricultural Disease and Injury Research, Education, and Prevention funded by NIOSH cooperative agreement U54OH010170.

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Updated February 2021