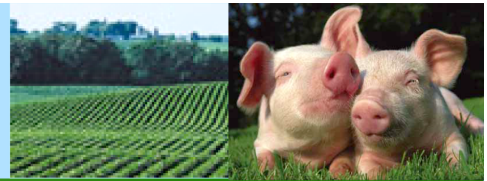


JFAN

JEFFERSON COUNTY FARMERS & NEIGHBORS, INC.



FARMS, NOT FACTORIES!

How YOU Can Help to Make a Difference

1. **Learn** as much about the antibiotic resistance crisis as you can. The studies and reports on the reverse side document some key research in this area. JFAN also has an educational overview and graphics on antibiotic resistance that you can access at www.jfaniowa.org/learn-how-antibiotic-resistance-dev
2. **Then share** what you learn with family and friends. Big Ag spends a lot of money to create a bucolic vision of factory farming that is far from the truth. People in urban areas especially are not aware of the reality of factory farming, but you can help to change their understanding.
3. **Choose wisely** when you shop for meat, dairy, and egg products in supermarkets or when ordering at restaurants. Assume these food products originate from factory farms unless labels clearly state they were pasture-raised or grass-fed. Purchase meat, dairy and eggs from sustainable, responsible sources, and when possible, learn who the farmer is and ask about their practices. JFAN has a handout on sources in southeast Iowa at bit.ly/2PdwzLY.
4. **Call, write, and visit** with your elected officials, and urge them to support a CAFO moratorium and more stringent CAFO regulations. Keep the pressure on your legislators to pass laws that protect people and the environment – not Big Ag. Tell your supervisors that you want them to pass a resolution calling for a factory farm moratorium. This builds state momentum from the grassroots up.
5. **Submit a public comment on the LLC Loophole** proposed rule change by October 29. The Iowa Pork Producers Association proposed a minor change that won't close the loophole. We have an opportunity to fix a problem that plagues Iowa – including Jefferson County. Send a public comment and come to the public hearing on October 29 in Des Moines. See the attached IARA sheet for more information.
6. **Save the date – January 23, 2020** for the Stop Factory Farming Lobby Day and Rally at the Iowa State Capitol. Join with Iowans from around the state to rally for a factory farm moratorium and lobby legislators. Let's show up in force to show we mean business!
7. **VOTE.** Nothing will change until we elect candidates who understand the public health threats posed by factory farming and who will put people and the environment ahead of Big Ag's profits. Fairfield has a mayoral election in November with three new candidates vying to win. Find out where they stand on CAFOs and how they plan to protect the city from encroaching factory farms. Then get out and vote again in 2020 for state officials who will support a CAFO moratorium. It's up to us to make this happen!
8. **Ask Presidential Candidates** where they stand on CAFO issues. We need to make factory farming a national issue in order to change federal policies. Candidates are swarming to Iowa. Use this golden opportunity to press them on their positions on industrial agriculture. Talk to their organizers, too, and offer to take them on a CAFO tour. Word moves up the chain!
9. **Donate** to JFAN. Keep us going strong so we can help protect you and your loved ones from injurious CAFOs. Donate online at www.jfaniowa.org or via check, payable to JFAN, and mailed to PO Box 811, Fairfield, IA 52556. JFAN is a 501(c)(3), and your donations are tax deductible. Thank you for your support!

Antibiotic Resistance Overview: Selected Studies and Reports

- Dr. Lance Price's groundbreaking study making the definitive link between MRSA and factory farms

***Staphylococcus aureus* CC398: Host Adaptation and Emergence of Methicillin Resistance in Livestock**
<http://bit.ly/2qlBJLC>

- Dr. Lance Price's recent study linking some urinary tract infections with a strain of *E. coli* on retail poultry

***Escherichia coli* ST131-H22 as a Foodborne Uropathogen** <http://bit.ly/33SzPAT>
(Article: <http://bit.ly/31nQtGB>)

- The CDC's 2013 Report ***Antibiotic Resistance Threats in the United States 2013*** conservatively estimates at least 23,000 people die from antibiotic-resistant bacterial infections each year. <http://bit.ly/31pRe1Z>

- "The CDC, American Public Health Association, American Medical Association, American Academy of Pediatrics, Infectious Disease Society of America and World Health Organization all agree that nontherapeutic uses of antibiotics in livestock pose a threat to human health." *From:*

Antibiotic Resistance 101, Food and Water Watch Report
www.foodandwaterwatch.org/insight/antibiotic-resistance-101

- An Environmental Working Group report of USDA data found antibiotic-resistant bacteria on nearly 80% of supermarket meat.

Supermarket Meat Still Superbugged, Federal Data Show
<https://www.ewg.org/research/superbugs/>

- A University of Iowa study found the same strain of MRSA colonized in 70% of swine and 64% of swine workers.

Methicillin-Resistant *Staphylococcus aureus* (MRSA) Strain ST398 Is Present in Midwestern U.S. Swine and Swine Workers.
<http://bit.ly/2BkQtwy>

- A February 2014 University of Iowa study found that people living within a mile of a factory farm with 2500 or more hogs were 2.76 times more likely to colonize MRSA.

Residential Proximity to Large Number of Swine in Feeding Operations Is Associated with Increased Risk of Methicillin-Resistant *Staphylococcus aureus* Colonization at Time of Hospital Admission in Rural Iowa Veterans. <http://bit.ly/2J3J5tH> (Article: <https://marynmckenna.com/mrsa-col-cafo/>)

- A Johns Hopkins Bloomberg School of Public Health study found 11% of MRSA and soft tissue infections in individuals were linked to living next to fields where swine manure was applied.

National Burden of Invasive Methicillin-Resistant *Staphylococcus aureus* Infections, United States. 2011. <http://bit.ly/2Bm47zp> (Article: <http://bit.ly/2oKr4dc>)

- Texas Tech study shows antibiotic resistant bacteria genes traveling in dust via wind.

Antibiotics, Bacteria, and Antibiotic Resistance Genes: Aerial Transport from Cattle Feed yards via Particulate Matter <http://bit.ly/2nXYuEJ> (Article: <http://bit.ly/32ueFse>)

- This Johns Hopkins study found nasal carriage of several livestock-associated resistant bacteria can persist among industrial hog operation workers over a 14-day period, which included up to 96 hours away from work.

Persistence of livestock-associated antibiotic-resistant *Staphylococcus aureus* among industrial hog operation workers in North Carolina over 14 days <http://bit.ly/2j10h3d>