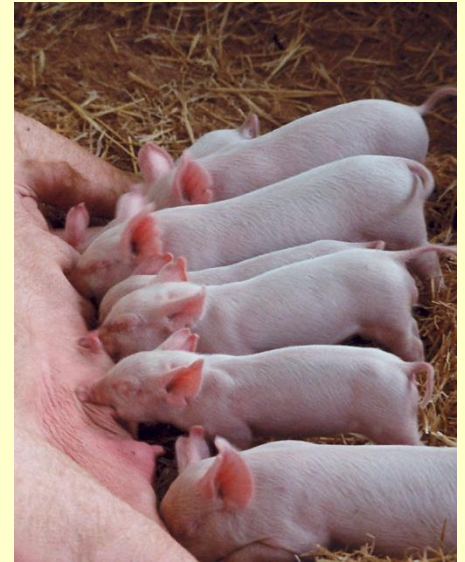


TTIP and U.S. Food Animal Antibiotic Use



Steve Roach
Food Safety Program Director
Food Animal Concerns Trust
sroach@foodanimalconcerns.org

Food Animal Concerns Trust

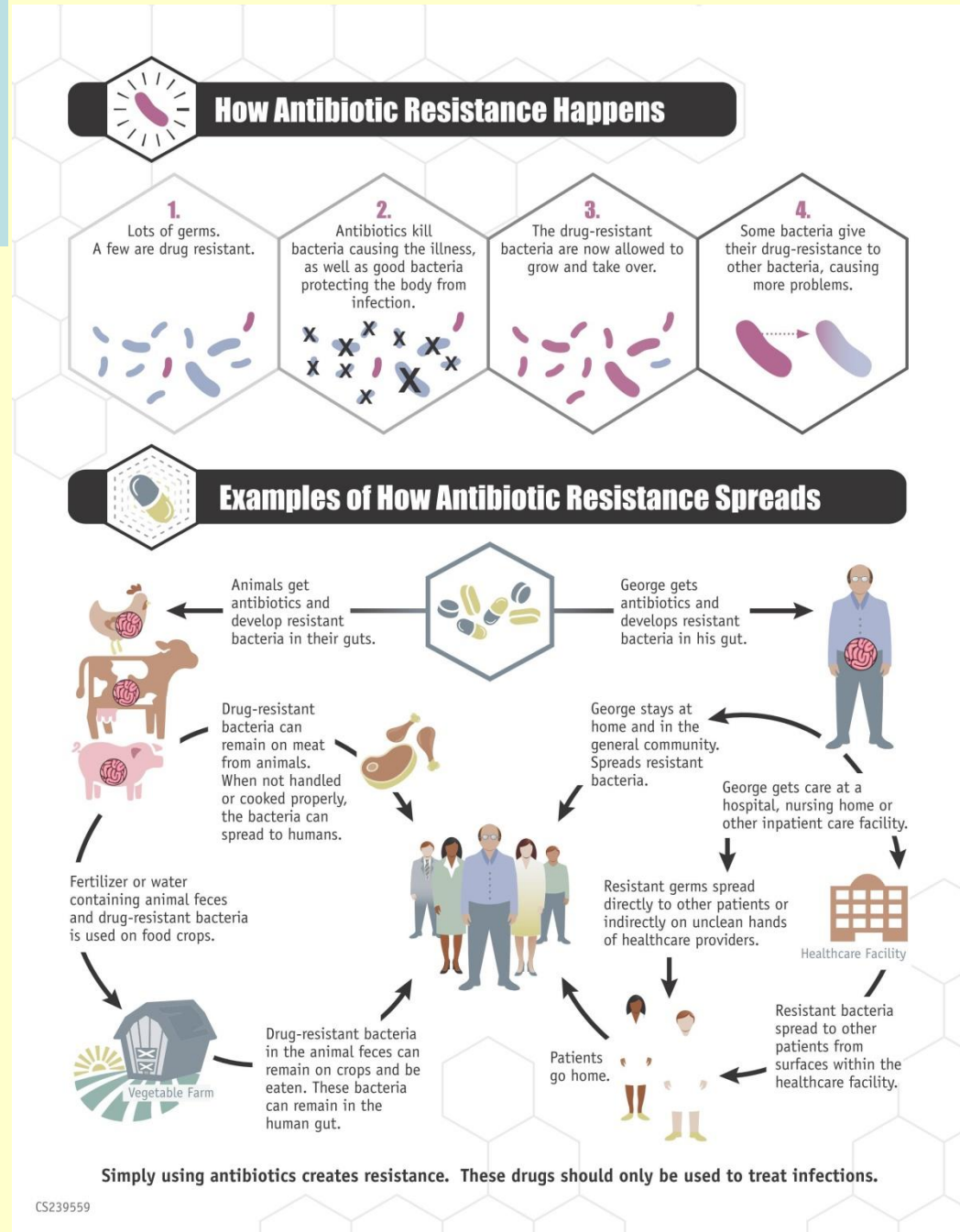
The *VISION* of FACT is that one day all farms will be humane and healthy places to raise food animals.



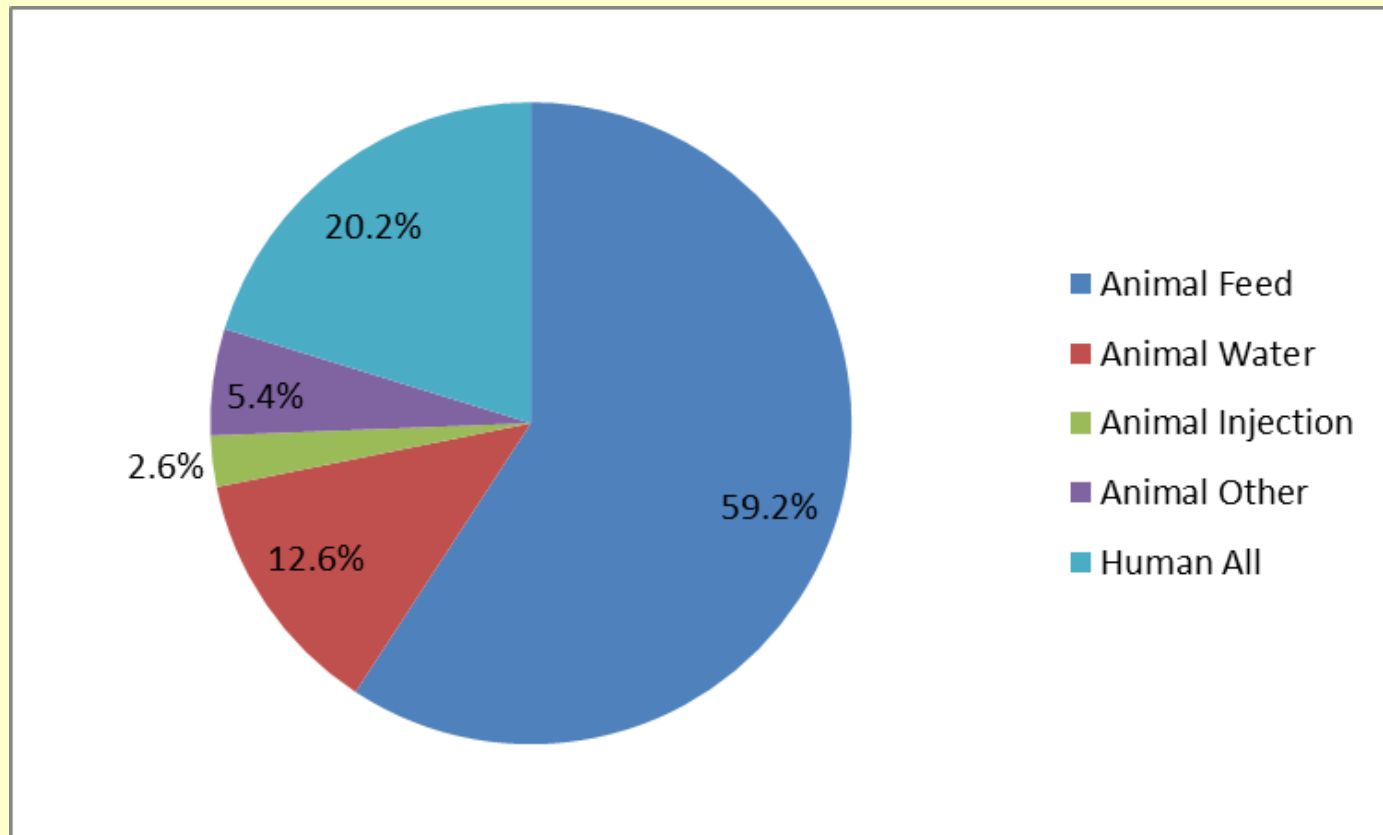
Keep Antibiotics Working

Our primary goal is to end the overuse and misuse of antibiotics in animal agriculture, though we also support efforts to limit overuse in human medicine.

CDC Threat Report



U.S. Antibiotics Sales 35 Million Pounds



FDA & Regulatory Paralysis



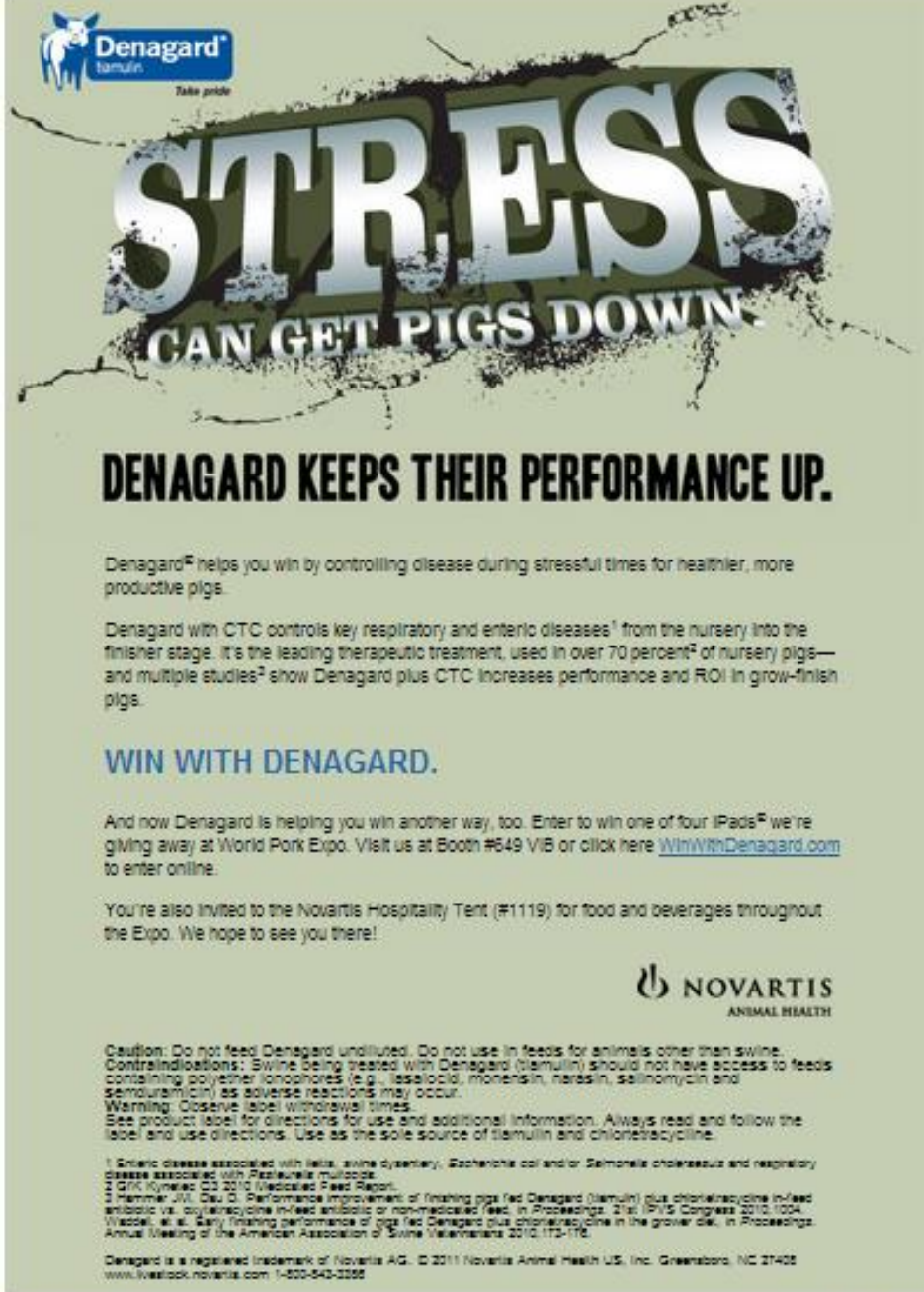
Where are we ?



- Voluntary phase out of growth
- Feed and water to require vet order
- Unrestricted use for prevention and control
- National sales data only
- FQ/Ceph restrictions

Growth Prevention

- No clear distinction between growth and prevention
- Does not address farm practices that create need for antibiotics
- Vets not likely to limit use
- No data to determine what is happening



Denagard[®]
tamulin
Take pride

STRESS

CAN GET PIGS DOWN.

DENAGARD KEEPS THEIR PERFORMANCE UP.

Denagard[®] helps you win by controlling disease during stressful times for healthier, more productive pigs.

Denagard with CTC controls key respiratory and enteric diseases¹ from the nursery into the finisher stage. It's the leading therapeutic treatment, used in over 70 percent² of nursery pigs—and multiple studies² show Denagard plus CTC increases performance and ROI in grow-finish pigs.

WIN WITH DENAGARD.

And now Denagard is helping you win another way, too. Enter to win one of four iPads[®] we're giving away at World Pork Expo. Visit us at Booth #649 V/B or click here WinWithDenagard.com to enter online.

You're also invited to the Novartis Hospitality Tent (#1119) for food and beverages throughout the Expo. We hope to see you there!

NOVARTIS
ANIMAL HEALTH

Caution: Do not feed Denagard undiluted. Do not use in feeds for animals other than swine.
Contraindications: Swine being treated with Denagard (tamulin) should not have access to feeds containing polyether ionophores (e.g., lasalocid, monensin, narasin, salinomycin and semduramicin) as adverse reactions may occur.
Warning: Close label withdrawal times.
See product label for directions for use and additional information. Always read and follow the label and use directions. Use as the sole source of tamulin and chlortetracycline.

1. Enteric disease associated with ileitis, swine dysentery, Escherichia coli and/or Salmonella choleraesuis and respiratory disease associated with Pasteurella multocida.
2. GRF Kynetic Q3 2010 (Medicated Feed Report).
3. Hammer, J.W., Gu, Q. Performance improvement of finishing pigs fed Denagard (tamulin) plus chlortetracycline in-feed antibiotic vs. oxytetracycline in-feed antibiotic or non-medicated feed. In Proceedings, 21st IPVS Congress 2010, 1004.
Vadell, et al. Early finishing performance of pigs fed Denagard plus chlortetracycline in the grower diet. In Proceedings, Annual Meeting of the American Association of Swine Veterinarians 2010, 112-116.

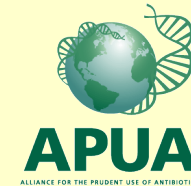
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Pushing for change



Civil Society Efforts

- Strengthen federal response
- Federal & State Legislation
- Purchasing policies



The image is a screenshot of a Reuters news article. At the top, the Reuters logo is visible on the left, and 'EDITION: U.S.' is on the right. Below the logo is a navigation bar with links for HOME, BUSINESS, MARKETS, WORLD, POLITICS, TECH, OPINION, and BREAKINGVIEWS. A red banner below the navigation bar contains the text 'BREAKING NEWS: Missing Air Algerie flight en route from Burkina Faso to Algiers ha'. The main headline of the article is 'California senate advances bill to curb antibiotics in farm animals'. Below the headline, it says 'BY LAILA KEARNEY' and 'SAN FRANCISCO Thu May 1, 2014 7:54pm EDT'. There is a link for '1 COMMENTS | Tweet' and social media sharing options for Facebook, Email, and Print. The article text begins with '(Reuters) - The California State Senate advanced a bill on Thursday to restrict the use of antibiotics in farm animals for growth enhancement by requiring that the drugs be sold by prescription for medical reasons only, officials said.' The next paragraph states 'The first-in-the-nation legislation would codify into law voluntary U.S. Food and Drug Administration guidelines, issued late last year, aimed at stemming a surge in resistance to certain antibiotics in humans, according to state Senator Jerry Hill, the bill's author.' The final visible sentence is '"The more antibiotics are used, the more resistance will develop," Hill, a Democrat, said in a'.

REUTERS

EDITION: U.S.

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BY LAILA KEARNEY
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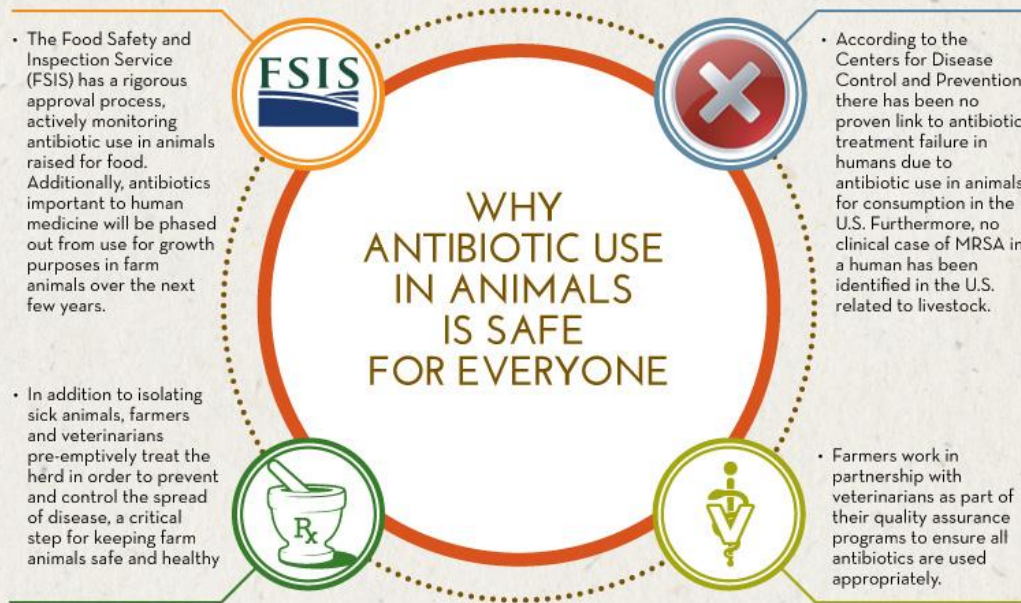
Health »

(Reuters) - The California State Senate advanced a bill on Thursday to restrict the use of antibiotics in farm animals for growth enhancement by requiring that the drugs be sold by prescription for medical reasons only, officials said.

The first-in-the-nation legislation would codify into law voluntary U.S. Food and Drug Administration guidelines, issued late last year, aimed at stemming a surge in resistance to certain antibiotics in humans, according to state Senator Jerry Hill, the bill's author.

"The more antibiotics are used, the more resistance will develop," Hill, a Democrat, said in a

Resistance to change



SOURCE: FDA Guidance 209 and 213

Wholly or partially funded by one or more Checkoff programs



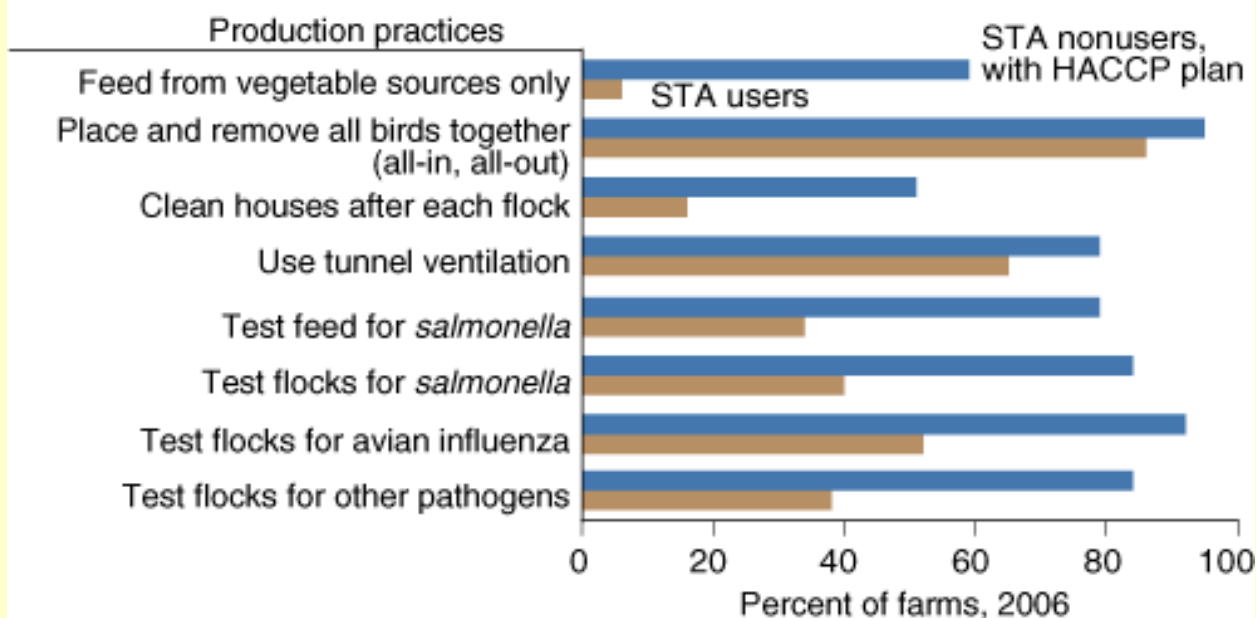
TTIP

- “least trade restrictive”
- US over decade behind EU on nontherapeutic
- 71% of feedlot cattle given tylosin, 20% injectable
- Maybe better on FQ but little ability to change



Room for Change

Production practices can substitute for subtherapeutic antibiotics on broiler operations



Note: STA is subtherapeutic antibiotics. HACCP is Hazard Analysis and Critical Control Point, a systematic approach to identify and prevent food safety hazards.

Source: USDA, Economic Research Service using data from USDA's 2006 Agricultural Resource Management Survey.

Why change?

