

# Health

**Presidential Advisory Council on Combating Antibiotic-Resistant Bacteria** 



## **Agriculture Taking Action:** *40 Global Companies Declare Priorities*

- Developing global standards of responsible antibiotic use in livestock.
- Support elimination of the use of shared-class antibiotics for growth promotion purposes globally, regardless of whether they are allowed by local regulations.
- Continue to identify new and better ways to care for animals to enhance animal welfare and reduce the need for antibiotics, including fostering an environment that stimulates innovation.
- Support increasing veterinary training and capacity, particularly in developing countries, to ensure proper use of antibiotics and other tools.
- 5. Improving antimicrobial resistance monitoring and reporting, so we can accurately identify issues and track progress against resistance.



#### **One Health Summit Priorities**

Media Statement from the participants of the One Health Summit September 21-22 in Washington, D.C., related to the United Nations' General Assembly call to action on global antimicrobial resistance.

As members of the global animal protein community, we support the United Nations efforts to combat antimicrobial resistance as part of our efforts to produce a safe, sustainable food supply. We'll each do our part to help maintain antibiotics' long-term effectiveness to ensure the health of people, animals and the planet. We have identified the following priorities for the industry to focus on:

- 1. Developing global standards of responsible antibiotic use in livestock.
- Support elimination of the use of shared-class antibiotics for growth promotion purposes globally, regardless of whether they are allowed by local regulations.
- Continue to identify new and better ways to care for animals to enhance animal welfare and reduce the need for antibiotics, including fostering an environment that stimulates innovation.
- Support increasing veterinary training and capacity, particularly in developing coun tries, to ensure proper use of antibiotics and other tools.
- Improving antimicrobial resistance monitoring and reporting, so we can accurately identify issues and track progress against resistance.

We recognize the importance of healthy animals and their impact on human health and the health of the environment, as well as their role in meeting the expected 60 percent increase in protein demand. Healthy animals mitigate antimicrobial resistance potential and reduce disease spread. Healthy animals have a better quality of life and fulfill the growing need for meat, milk and eggs to nourish the increasing global population. Healthy animals use resources more efficiently, lessening our environmental footprint.

We will work across the global protein food chain and the health systems to address this critical societal need, using a balanced, One Health approach to protect the health of animals, people and the planet.

Signed,

Amick Farms Charoe
Aurora Desere
Beef Marketing Group (BMG) Elanco

Camanchaca Cargill, Inc. Cattle Empire, LLC Christensen Farms

Cobb-Vantress, Inc. COLAPA Contegral, S.A. Cooperl

Country Bird Holdings, Ltd.

Charoen Pokphand Foods PCL (CPF) Deseret Ranches of Florida

Elanco Animal Health Elpozo Friona Industries GEPT

Grupo Jorge Keskinoğlu Keystone Foods Land O'Lakes Piensos Costa, S.A. Pillen Family Farms

Grupo Alimentario Guissona

Premex Pronaca Sanderson Farms Seaboard Foods

Simmons Foods

Smithfield Foods Solla The Maschhoffs Tyson Foods Vaccinar Wayne Farms, LLC



### Removing Medicine Doesn't Eliminate Disease



\*Downed, Chair in Most Safets, Pulsalong and Microbiding Department, Vetermary Briefle, Conserving of Moneton, CP 2000, St. Bywende, Codeber, Conservation SC 50: Chair in Poulity Baserie, Classical Sci. Code Progenesies, Vetermary Briefle, Microbidinated, CP 2000, Byllimethe, Cyde 1200, 250c, and Progenesies, Vetermary Briefle, Microbidinated, CP 2000, Byllimethe, Cyde 2000, 250c, and Signate and Pulsalon, Chair and Codeber 2000, CP 2000, C Vicininary Facility, University of Montreal, CP 5000, St. Byscenthe, Quiller, Canada 32S 108 ing farm visits. Charredges perfectors counts were used as positry health indicators and Campylobacter

ABSTRACT The use of assumicrobial agents on feed additions to positry production to a public health con-cern due to the owned increase in anticierobial resisprevalence was noted as well. The drug-free program version ratio and a decrease in mean live weight at tance. Abhough some ulternative products are continue-ially available. Inche is known on their potential im-nari on flock hashls and preshutching. A prospective only involving 1.55 million birds was conducted on enteritis cases, as well as an increase in litter moisture the commercial broider forms in Queber, Canada, to about the impact of replacing aerthants growth pro-tors and antisprophilal drawn law drawn has becontents cases, as well as an increase in other constitu-content at the end of the rearing period were also obcontent at the end of the rearing period were age; of-served for this program. Mean interaccopic insential interaccopic said programs, and programs of the interaction seems and produces of Georgiablectic colonian-tion seem and statistically different between the new part of the programs. realisate the impact of replacing austinator gractic pre-tours and anticoccidial drugs by a freig free program-pichning improved broading conditions, anticoccidial accination, ossential off-based feed additions, and wevaccination, ssential off-hazed feed saliziuse, and wa-ter archifectator. Various productivity and health pa-tenatories were enumaned between human allocated to the conventional and the drug-fees program. Contect-nical performances were mentioned us productivity or-nical performances were mentioned us productivity or-oris. Clinical necrotic enterties and orthelinical en-

graps but the drug-free program was associated with higher Charudum perfrequent technion rates. According to the current study design, the results suggest that and to the current study coster, the transfer suggest and actional substitution of antibiotic growth promoters and actioteria. Unitesi mercani entertus ant uncrimina en uritis constituen, litter and finol moistures content core messend, and microscopic gra bankh was verbe core messend, and microscopic gra bankh was verbe were mounted, and nicroscopic got health was evaluated, and nicroscopic got health was evaluated. Classreleum perfragens and Campylelacter 199. perfragens extrage lessis. 2015 Poultry Science 94:1791-1801 http://dx.doi.org/10.3382/ps/psyl42

#### INTRODUCTION

(AGPs) were discovered during the 1940's and have largely contributed to the rapid expansion of the posisetinal tract, allowing, in part, positry producers to beain maximum benefits of the high-yield besilers'

seek carrying antibiatic resistance gross that can be transmitted from unimals to humans (Felster et al. 2012 Luanquespleim et al., 2006, Sahin et al., 2012. Tremblay et al., 2011; White et al., 2012). Based on

Clinical Necrotic enteritis outbreaks (% flocks)

Subclinical enteritis cases (% flocks)

**Drug-free** 

27.45 49.02

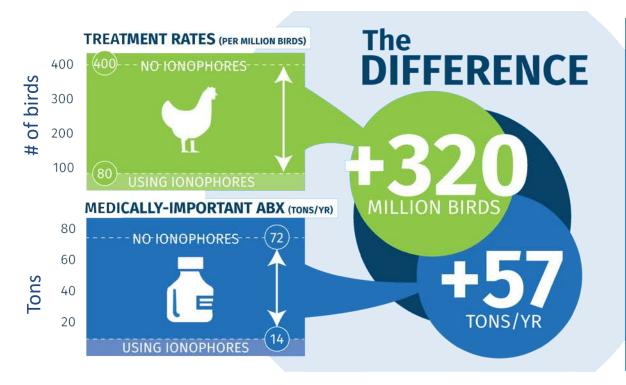
Gaucher M-l, et al. "Impact of a drug-free program on broiler chicken growth performances, gut health, Clostridium perfringens and Campylobacter jejuni occurrences at the farm level." Poult Sci. 2015 August;94(8):1791-1801.

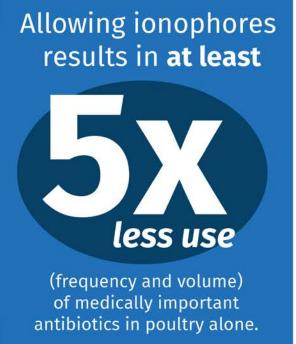




### **RWA Labels Driving Increased Medically Important Antibiotic Use**

*RWA* = *Raised* without antibiotics









## Goal: Eliminate antibiotic resistant infections via responsible antibiotic use

ons	Right Metrics	Right Regulation	Right Labels
Recommendations	Focus on outcomes: Responsible use, decreased resistance. Not volume.	Accelerated pathways for innovation to improve access for antibiotic alternatives.	Consumer confidence their shopping decisions support public health

#### **Points to Remember:**

Responsible use ≠ eliminate use

Sick animals are far greater public health risk

Animal-Only antibiotics can be a pathway

Must use Health lens to evaluate impact of decisions