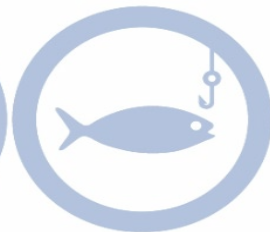




**swim**



**drink**



**fish**

**MARYLAND KEEP ANTIBIOTICS  
EFFECTIVE ACT 2017**

# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: RELEVANT SECTIONS

## □ §3-1003 – *The heart of the Act*

“(a)(1) On or after **January 1, 2018**...a medically important antimicrobial drug may be administered to **cattle, swine, or poultry** if, in the professional judgment of a **licensed veterinarian**, the medically important antimicrobial drug is necessary:

- (i) To treat a disease or infection;
- (ii) To control the spread of a disease or infection; or
- (iii) For a surgery or medical procedure.

(a)(2)... [or for]prophylaxis to address an elevated risk of contraction of a particular disease or infection.”



# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: RELEVANT SECTIONS

❑ §3-1003 – *The heart of the Act continued...*

“(b) Unless administration of a medically important antimicrobial drug is consistent with subsection (a)(1) of this section, a medically important antimicrobial drug may not be administered in a regular pattern to cattle, swine, or poultry.

(c) A medically important antimicrobial drug may not be administered to cattle, swine, or poultry solely for the purpose of:

- (1) **Promoting weight gain;** or
- (2) **Improving feed efficiency.**



# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: RELEVANT SECTIONS

## □ §3-1001 – *Definitions*

“(b) **“Disease control”** means the use of a medically important antimicrobial drug to control the spread of a documented disease or infection present in:

(1) A group of animals in contact with each other; or

(2) A barn or equivalent animal housing unit.

(c) **“Documented”** means acknowledged and recorded.”





# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: RELEVANT SECTIONS

## □ §3-1001 - *Definitions continued*

"(d) **“Medically important antimicrobial drug”** means any drug from a class of drug or derivative of a class of drug that is:

(1)

(i) **Made from a mold or bacterium** that kills or slows the growth of other microbes, specifically bacteria; and

(ii) **Used in human beings** or intended for use in human beings to treat or prevent disease or infection; or

(2) Listed in Appendix A of the federal Food and Drug Administration’s Guidance for Industry #152...”



# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: RELEVANT SECTIONS

## ☐ §3-1002 – *Limitations*

“Except as otherwise provided in federal law or regulation, **this subtitle does not apply to antimicrobial use in:**

- (1) Cattle on a farm operation that **sells fewer than 200 cattle per year;**
- (2) Swine on a farm operation that **sells fewer than 200 swine per year; or**
- (3) Poultry on a farm operation that **sells fewer than 60,000 birds per year.”**



# ANTICIPATED ACTION BY MDA UNDER THE ACT

## ☐ §3-1004 – *Md. Department of Agriculture Obligations*

“(a) Each year the Department shall **collect publicly available data** on the use in the State of medically important antimicrobial drugs in cattle, swine, and poultry...

(b) On or before December 1, 2019, and each December 1 thereafter, the Department **shall report to the General Assembly...** on the data collected under subsection (a) of this section.”



# ANTICIPATED ACTION BY MDA UNDER THE ACT

- ❑ MDA will promulgate regulations to:
  - ❑ **Define the administrative penalty** (up to \$2,000 for a violation, §3-1005)
  - ❑ **Define the meaning of “regular pattern”**
    - ❑ Prevention of antibiotic use in a regular pattern is key difference between federal and state law
- ❑ Convening of stakeholders
- ❑ Effective date of law – Jan. 1, 2018





# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: IMPORTANCE OF THE LAW

*Examples of “regular pattern” of use of medically important antibiotics that are prohibited:*

- **Repeatedly administering** medically important antibiotics based on a **life stage event** (e.g. at birth, at weaning) to healthy animals is prohibited.
- Medically important antibiotics cannot be used as an **on-going strategy for disease prevention**.
  - For example, repeatedly administering antibiotics based on the calendar, age, season, or weight of the animal is not permitted. Using medically important antibiotics for prophylactic purposes on a daily, weekly, or monthly basis is prohibited.



# MARYLAND KEEP ANTIBIOTICS EFFECTIVE ACT: IMPORTANCE OF THE LAW CONTINUED...

*Examples of “regular pattern” of use of medically important antibiotics that are prohibited:*

- **Repeatedly using** medically important antibiotics **each time animals are moved** from one location to another to prevent disease when those animals do not have bacterial infections is prohibited.
- **Repeatedly using** medically important antibiotics **when a dairy cow enters a dry cycle**, unless she has a bacterial infection, is prohibited.
- **Injecting chicken eggs** pre-hatch with medically important antibiotics is not permitted.



**QUESTIONS?**

