Complying with California Senate Bill 27
Livestock: Use of Antimicrobial Drugs

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SB 27 Livestock: Use of Antimicrobial Drugs

I. Limits Use (January 1, 2018)

II. Stewardship Guidelines

III. Monitoring/Surveillance
Limits Use

- Effective January 1, 2018

- Applies to use in livestock, but not species usually kept as pets (what does that mean?)

- Specific to medically important antimicrobials as defined by FDA GFI 152 Appendix A, including updates

- Can only be administered if ordered by a veterinarian via prescription or veterinary feed directive, under a valid veterinarian-client-patient relationship
Limits Use

- Can only be used when in the judgement of a licensed veterinarian is necessary to treat, control and in some cases, prevent disease or infection

Prevention / Prophylaxis

- If related to surgery or medical procedure
- If “in the professional judgement of a licensed veterinarian, it is needed for prophylaxis to address an elevated risk of contraction of a particular disease or infection”
- If used to prevent disease beyond when related to surgery or medical procedure, *can not be used in a “regular pattern”*

- Can never use solely for weight gain or feed efficiency
Limits Use

- Medically important antibiotics labeled by FDA for over the counter (OTC) sales can still be obtained from retailers *with prescription or VFD*
  - Veterinary Food Animal Drug Retailer (B&P)
  - Retail License for Restricted Drugs (FAC)
  - May need regulations to add clarity

Violations

- Licensed veterinarian: Practice Act disciplinary sanctions
- Others: Up to $250/day; second violation up to $500/day
Stewardship

- No delay in implementation

- Requires that CDFA work with others to develop “antimicrobial stewardship guidelines and best management practices for veterinarians and livestock owners and employees”

- Must include scientifically validated best practices such as vaccination, sanitation and other management practices that may limit the need for antibiotics
Stewardship

- Must include guidance on selection of most appropriate antimicrobial drug, dose, duration and route of administration

- Must include guidance on limiting the number of animals treated and minimizing the duration of treatment
Monitoring

- No delay in implementation

- Leveraging federal efforts, gather information that may lead to a better understanding of the links between use patterns and resistance

- Gather antimicrobial sales and use data, conduct surveillance for resistance, and gather management practice data (including health outcomes)
  - California’s major livestock segments
  - Regions with significant livestock production
  - Representative segments of the food production chain
Monitoring

- Willing participants and respecting veterinary-client-patient confidentiality

- Authority to request and receive copies of VFD’s

- Information must be held confidential unless aggregated
  - Can be shared with VMB for enforcement of Practice Act or Federal entities if confidentiality will also be protected under federal law

- Report to the legislature January 1, 2019
What now?

- Extensive use of ad hoc advisory committees comprised of stakeholders as well as technical specialists and scientific advisors for specific topics

Stakeholders include:

- Department of Public Health
- Board of Pharmacy
- Veterinary Medical Board
- Producers and producer organizations
- Feed mills and feed industry organizations
- Retail stores distributing or potentially distributing antibiotics
- Pharmaceutical companies and business organizations
- Veterinarians and veterinarian professional organizations
- Schools of Veterinary Medicine
- Consumer advocates
- CA Animal Health and Food Safety Laboratory
- United States Department of Agriculture (USDA)
- Food and Drug Administration
- Others TBD
Phase I Funding

- **8 Positions and $1.393 million General Fund**
  - Program Administration
    - 2.5 positions: implementation management, including efforts to attract supplemental funds (federal grants, etc.), regulation development and supervision
  - Regulated Use (2018):
    - 1 position for outreach (Feed mills)
  - Monitoring (2016)
    - 2.5 positions for coordination with national efforts & development and initial implementation of the CA monitoring strategy and gather and analyze appropriate VFD and Registered Retailer sales data
    - $50,000 to initiate strategy and capability for pathogen resistance monitoring at CAHFS Laboratory System
  - Stewardship (2016)
    - 2 positions to develop strategy and initiate development
    - $50,000 in contract funding for species or production type specific expertise
Lessons

- Engage
- Drive the dialogue
- Veterinarian and physician professional groups and academia important for credibility
- Communicate with commodity groups based on a history of trust
Producers

trust

Consumer Advocates

Veterinarians
Thanks!

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