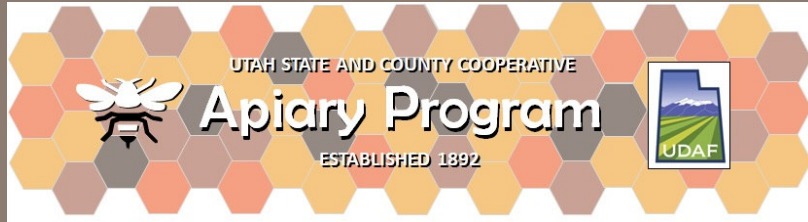
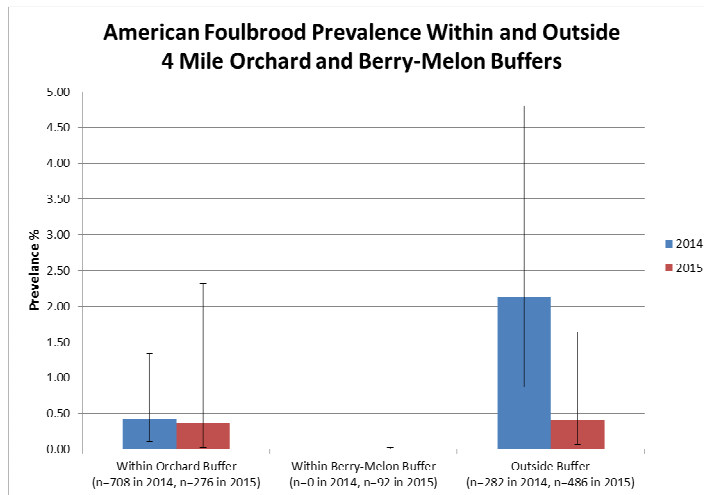


27-Feb-16



## FDA VETERINARY FEED DIRECTIVE (VFD)

### AMERICAN FOULBROOD IN UTAH

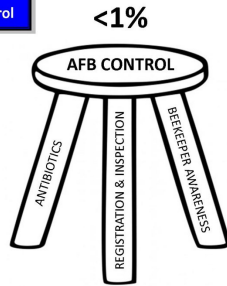


FDA VETERINARY FEED DIRECTIVE

## AMERICAN FOULBROOD IN UTAH

- Utah is not a mandatory burn state
- Colonies infected with AFB may be continuously treated with an effective antibiotic

The "3-legged chair"  
of American  
foulbrood control



## ANTIBIOTIC RESISTANCE



- Terramycin (oxytetracycline)
  - 7% of strains resistant nationwide
  - Utah has much higher level of resistance
  - ~30% in 2015
  - ~40% in 2014



- Tylan (tylosin tartrate)
  - No known resistant strains
  - Possible beginnings of resistance

## HISTORY OF VFD

- Intent is to decrease resistance to bacteria that are pathogenic to humans and animals
- 1996 Congress Passed the Animal Drug Availability Act
- 2013 FDA began plan to phase in program for veterinary oversight of OTC animal drugs
- 2015 announced VFD final rule
  - Affects Tylan and Terramycin
  - Uncertain whether Fumagillin B will be included
- In effect January 1<sup>st</sup> 2017

## REQUIREMENTS OF VFD

- Producer must have a “veterinarian-client-patient” relationship
- Veterinarian must complete a VFD (prescription)
- Prophylactic use might be allowed

**Palmito® (Brimonidol) Veterinary Feed Directive for use in Cattle**

Client Name: \_\_\_\_\_ Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

Veterinarian Name: \_\_\_\_\_ Address: \_\_\_\_\_ Phone #: \_\_\_\_\_

VFD Expiration Date: \_\_\_\_\_

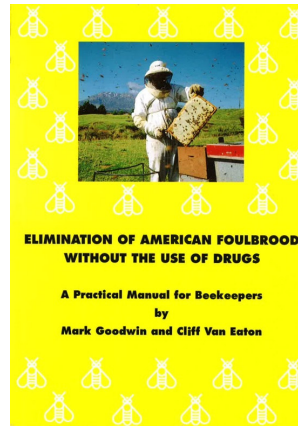
Amount of Feed: \_\_\_\_\_

Date: \_\_\_\_\_

Feed Component	Amount	Quantity

## ASSISTANCE WITH VFD

- UDAF State Veterinarian has asked FDA to modify requirements that apply to beekeepers
- Producer/Veterinarian Meetings
- Controlling AFB without antibiotics
- Alternative therapy (BYU phage treatment)



## CONTACT INFORMATION

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