

VETERINARY FEED DIRECTIVE



VETERINARY FEED DIRECTIVE???

- Also known as a VFD
- a written statement that authorizes the owner or caretaker of animals to obtain and use animal feed containing VFD drugs to treat their animals in accordance with the FDA-approved directions for use.
- VFD drugs are limited to use under the professional supervision of a licensed veterinarian.
- No extra-label uses of a VFD drugs are permitted.



WHY THE BIG DEAL NOW?

- Lot of public concern over how antibiotics are used in Agriculture
 - Promote correct use of antibiotics
 - Reduce antibiotic resistance
 - Protect public health
- FDA eliminated production uses (growth promotion and feed efficiency)
- All other use (therapeutic) will have to be under the supervision of a veterinarian



PRODUCTION VS. THERAPY

- Many of the antibiotics we use have labels that were approved a long time ago and have a treatment level stating
 - Indications for use – Increased rate of weight gain and improved feed efficiency
- We will not be able to use affect antibiotics for these reasons anymore
- Treatment claims read like – Treatment of bacterial enteritis caused by *Escherichia coli* susceptible to XYZ



VETERINARY REQUIREMENTS

- Must be licensed in that state
- Valid VCPR
- Prepare the written VFD
- Provide a copy to the producer



VCPR???

- Veterinary – Client – Patient – Relationship
- Usually defined by the state
- Engage with the client (i.e., the animal producer) to assume responsibility for making clinical judgments about patient (i.e., animal) health
- have sufficient knowledge of the patient by virtue of patient examination and/or visits to the facility where the patient is managed
- and provide for any necessary follow-up evaluation or care



PRODUCER REQUIREMENTS

- Only feed the medicated feed to the animals on the VFD issued by a licensed veterinarian
- Do not use the VFD past the expiration date
- Keep your records for 2 years



AFFECTED DRUGS

- Medically Important
- Products deemed “important for human medicine” and used by both animals and humans
 - **Penicillins**
 - Cephalosporins
 - Quinolones
 - Fluoroquinolones
 - **Tetracyclines**
 - Macrolides
 - **Sulfas**
 - Glycopeptides



AFFECTED FEED DRUGS

Drugs Transitioning From OTC to VFD Status

Established drug name	Examples of proprietary drug name(s) [§]
chlortetracycline (CTC)	Aureomycin, CLTC, CTC, Chloratet, Chlorachel, ChlorMax, Chlortetracycline, Deracin, Inchlor, Pennchlor, Pfichlor
chlortetracycline/sulfamethazine*	Aureo S, Aureomix S, Pennchlor S
chlortetracycline/sulfamethazine/penicillin*	Aureomix 500, Chlorachel/Pficlор SP, Pennchlor SP, ChlorMax SP
hygromycin B	Hygromix
lincomycin	Lincomix
oxytetracycline (OTC)	Aureomycin, TM, OXTC, Oxytetracycline, Pennox, Terramycin
oxytetracycline/neomycin*	Neo-Oxy, Neo-Terramycin
penicillin+	Penicillin, Penicillin G Procaine
sulfadimethoxine/ormetoprim*	Rofenaid, Romet
tylosin	Tylan, Tylosin, Tylovet
tylosin/sulfamethazine*	Tylan Sulfa G, Tylan Plus Sulfa G, Tylosin Plus Sulfamethazine
virginiamycin	Stafac, Virginiamycin, V-Max



NOT AFFECTED

- Dewormers
- Carbadox
- Babermycins
- Ionophores
- Bacitracin



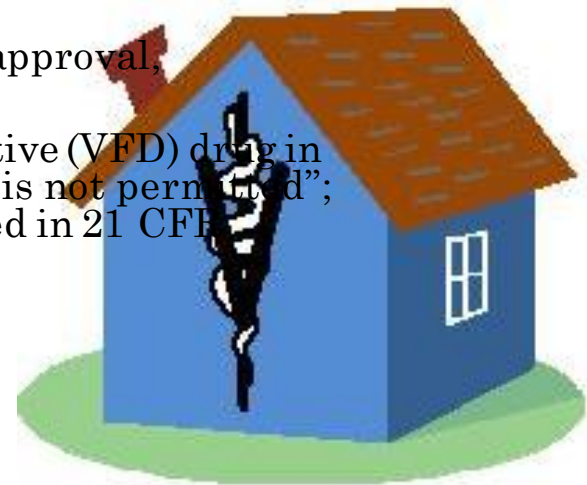
EXTRA LABEL USE?

- Not allowed in Feed
- When antibiotics are used in feed they must **EXACTLY** follow the label.
 - Dose
 - Combinations
 - Disease being treated
 - Species



WHAT MUST BE ON A VFD?

- veterinarian's name, address, and telephone number
- client's name, business or home address, and telephone number
- premises at which the animals specified in the VFD are located
- date of VFD issuance
- expiration date of the VFD
- name of the VFD drug(s)
- species and production class of animals to be fed the VFD feed
- approximate number of animals to be fed the VFD feed by the expiration date of the VFD
- indication for which the VFD is issued
- level of VFD drug in the feed and duration of use
- withdrawal time, special instructions, and cautionary statements necessary for use of the drug in conformance with the approval
- number of reorders (refills) authorized, if permitted by the drug approval, conditional approval, or index listing
- the statement: "Use of feed containing this veterinary feed directive (VFD) drug in a manner other than as directed on the labeling (extralabel use), is not permitted";
 - an affirmation of intent for combination VFD drugs as described in 21 CFR 558.6(b)(6)
- veterinarian's electronic or written signature.





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Veterinary Feed Directive

Date Issued:

Expiration Date:

Client Info

Name:

Address:

Phone number:

Farm Info

Location:

Barn:

Flock number:

Bin number:

Species/Class:

Number of animals:

Drug Info

Name:

Dose:

Duration:

Indication:

Withdrawal time:

Refills:

Use of feed containing this veterinary feed directive (VFD) drug in a manner other than as directed on the labeling (extralabel use), is not permitted

Jill Nezworski DVM

Today's date:



CHLORTETRACYCLINE - TURKEYS

- 200g/ton – MS
- 400g/ton – Hexamitiasis
- 25mg/lb – bacteria associated with bluecomb susceptible to CTC
- Poults under 4 weeks – 400g/ton – Salmonella typhimurium



ROFENAID

- Coccidia
- Pasteurella multocida (cholera)



WHAT DOES THIS MEAN TO A PRODUCER

- Develop a relationship with a veterinarian soon
 - Work with together to develop treatment protocols
- Critically asses how you use antibiotics
 - Are there management changes that can help reduce antibiotic use
 - Are you using the correct drugs for the disease challenge
 - Diagnostics





THE FUTURE?

- Water meds will fall under this rule starting 2017
- Will also require a prescription
- Has to be used as the label directs
 - There is some leeway for EXTRA LABEL use but this is a serious matter and there needs to be good documentation as to way EXTRA LABEL was needed.



ON FARM INVENTORY – WATER MEDS

- As long as a producer and veterinarian maintain an ongoing VCPR
- The producer must also be able to accurately track inventory



TREATMENT PROTOCOLS

- Having detailed treatment protocols
- An ongoing VCPR
- Inventory tracking
- Will allow a producer to utilize a long duration(dependent on state requirements)/multi flock prescription for water soluble medications



AFFECTED WATER DRUGS

Established drug name	Examples of proprietary drug name(s)
chlortetracycline	Aureomycin, Aureomycyn, Chlora-Cycline, Chloronex, Chlortetracycline, Chlortetracycline Bisulfate, Chlortet-Soluble-O, CTC, Fermycin, Pennchlor
erythromycin	Gallimycin
gentamicin	Garacin, Gen-Gard, GentaMed, Gentocin, Gentoral
lincomycin	Linco, Lincomed, Lincomix, Lincomycin, Lincomycin Hydrochloride, Lincosol, Linxmed-SP
lincomycin/spectinomycin*	Lincomycin S, Lincomycin-Spectinomycin, L-S, SpecLinx
neomycin	Biosol Liquid, Neo, Neomed, Neomix, Neomycin, Neomycin Liquid, Neomycin Sulfate, Neo-Sol, Neosol, Neosol-Oral, Neovet
oxytetracycline	Agrimycin, Citratet, Medamycin, Oxymarine, Oxymycin, Oxy-Sol, Oxytet, Oxytetracycline, Oxytetracycline HCL, Oxy WS, Pennox, Terramycin, Terra-Vet, Tetravet-CA, Tetroxy, Tetroxy Aquatic, Tetroxy HCA
penicillin	Han-Pen, Penaqua Sol-G, Penicillin G Potassium, R-Pen, Solu-Pen
spectinomycin	Spectam
sulfadimethoxine	Agribon, Albon, Di-Methox, SDM, Sulfabiotic, Sulfadimethoxine, Sulfadived, Sulfamed-G, Sulforal, Sulfasol
sulfamethazine	SMZ-Med, Sulfa, Sulmet
sulfaquinoxaline	S.Q. Solution, Sulfa-Nox, Sulfaquinoxaline Sodium, Sulfaquinoxaline Solubilized, Sul-Q-Nox, Sulquin
tetracycline	Duramycin, Polyotic, Solu/Tet, Solu-Tet, Supercycline, Terra-Vet, Tet, Tetra-Bac, Tetracycline, Tetracycline Hydrochloride, Tetramed, Tetra-Sal, Tetrasol, Tet-Sol, TC Vet



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CONTACT INFORMATION

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