



BUCHHEIT
A G R I C U L T U R E

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OUTLINE

- What is a Veterinary Feed Directive (VFD)?
- What does a VFD do?
- What information is required on a VFD?
- How do VFD's impact feed orders?
- Preparing for VFD's



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Veterinary Feed Directive (VFD)

- What it is...

“A written (non-verbal) statement issued by a licensed veterinarian in the course of the veterinarian’s professional practice that orders the use of a VFD drug or combination VFD drug in or on an animal feed.”

(Food and Drug Administration, 2005)



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Veterinary Feed Directive (VFD)

- ✓ What it is....
- What it does....

“Authorizes the client (owner and or caretaker) to **obtain** and **use** animal feed bearing or containing a VFD drug or combination VFD drug to treat the clients animals only in accordance with the conditions for use approved by the Food and Drug Administration.”

(Food and Drug Administration, 2005)

Veterinary Feed Directive (VFD)

- ✓ What it is....
- ✓ What it does....
- Intent of a VFD
 - Limit the use of “**medically important**” antimicrobial drugs used in food producing animals to those of:
 - 1) Considered necessary for assuring animal health (Therapeutic use)
 - 2) Involve veterinary oversight and consultation



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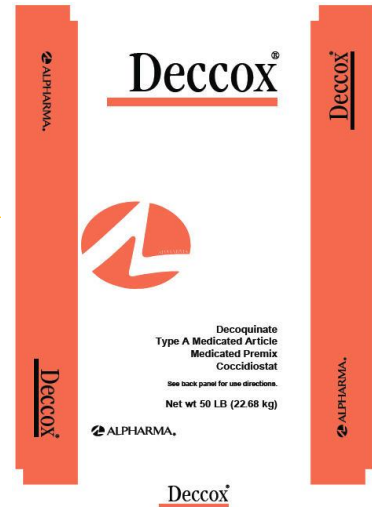
Example: VFD Drug's



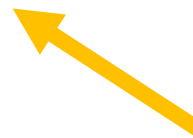
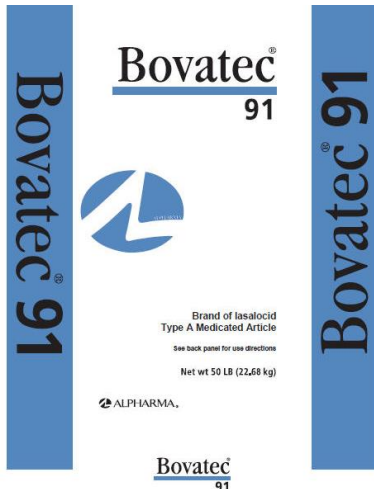
VFD Drug
on
January, 1 2017



Example: Non VFD Drug's



NOT A VFD Drug
on
January 1, 2017



Required Information for a Valid VFD



VETERINARY FEED DIRECTIVE for CATTLE WAKONDA PASTURE MINERAL (MEDICATED)

Veterinarian: DVM

Address: ABC CALL A VET ROAD
Perryville, MO 63775

Phone: (573) 911-3333

Fax or email (optional): _____

Client: Client A

Address: 123 HERD BULL LANE
Perryville, MO 63775

Phone: (573) 111-2222

Fax or email (optional): _____

Drug(s) Name: Chlortetracycline Drug(s) Level: 5,600 g/ton Duration of Use: 181 days

Species: Beef

Production Class: Lactating and non-lactating cows

Indications for use: As an aid in the control of active infection of anaplasmosis caused by *Anaplasma marginale* susceptible to chlortetracycline.

Caution: (pertains to this medicated feed)

**Use of Feed Containing This Veterinary Feed Directive (VFD) Drug In A Manner Other Than
As Directed On The Labeling (Extra Label Use) Is Not Permitted**

Required Information for a Valid VFD

Approximate Number of Animals: 50

Premises: New Farm A

Special Instructions: Feed 0.25 lbs per cow per day of WAKONDA PASTURE MINERAL

Affirmation of intent (for combination VFD Drugs):

This VFD only authorizes the use of the VFD drug(s) cited in this order and is not intended to authorize the use of such drug(s) in combination with any other animal drugs.

Affirmation of intent (for combination VFD Drugs):

“This VFD authorizes the use of the VFD drug(s) cited in this order.....

- (1) **and is not intended** to authorize the use of such drug(s) in combination with any other animal drugs.”
- (2) **in the following** FDA-approved, conditionally approved, or indexed combination(s) in medicated feed that contains the VFD drug(s) as a component:
- (3) **in any** FDA-approved, conditionally approved, or indexed combination(s) in medicated feed that contains the VFD drug(s) as a component.”

EXAMPLE: VFD Drug + Non-VFD Drug



VETERINARY FEED DIRECTIVE for CATTLE CUSTOM COMMODITY BLEND

Veterinarian: DVM
Address: ABC CALL A VET ROAD
Perryville, MO 63775
Phone: (573) 911-3333
Fax or email (optional): _____

Client: Client A
Address: 123 HERD BULL LANE
Perryville, MO 63775
Phone: (573) 111-2222
Fax or email (optional): _____

Drug(s) Name: Chlortetracycline **Drug(s) Level:** 1600 g/ton **Duration of Use:** 5 days

Species: Beef

Production Class: Weaned calves

Indications for use: Treatment of bacterial enteritis caused by *Escherichia coli* and bacterial pneumonia caused by *Pasteurella multocida* organisms susceptible to chlortetracycline.

Caution: (pertains to this medicated feed)

Required Information for a Valid VFD

Approximate Number of Animals: 50

Premises: Old Home Place

Special Instructions: Feed 5 lbs/hd/d of Custom Commodity Blend

Affirmation of intent (for combination VFD Drugs):

This VFD authorizes the use of the VFD drug(s) cited in this order in the following FDA-approved, conditionally approved, or indexed combination(s) in medicated feed that contains the VFD drug(s) as a component:

| Drug(s) | Drug Level(s) and any Special Instructions |
|---------------------|--|
| Lasalocid (Bovatec) | 100 g/ton; feed 5 lbs/hd/d of medicated feed to provide 250 mg/hd/d lasalocid. |

Required Information for a Valid VFD

Approximate Number of Animals: 50

Premises:

Special Instructions: Feed 0.25 lbs per cow per day of WAKONDA PASTURE MINERAL

Affirmation of intent (for combination VFD Drugs):

This VFD only authorizes the use of the VFD drug(s) cited in this order and is not intended to authorize the use of such drug(s) in combination with any other animal drugs.

Withdrawal Time: This VFD Feed must be withdrawn 0 days prior to slaughter

Number of reorders (refills) authorized: 0

VFD Date of Issuance: January 1, 2017 (Month/Day/Year) **VFD Expiration Date:** June 30, 2017 (Month/Day/Year)

*****Expiration Date cannot exceed 6 months after issuance Date*****

Veterinarian's Signature: _____

***** ALL PARTIES MUST RETAIN A COPY OF THIS VFD FOR 2 YEARS AFTER DATE OF ISSUANCE*****

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REVIEW: Feed Orders Requiring a VFD

**Feed Order
for Medicated Feed
containing a VFD drug**



NO VFD



**NO Purchase or Distribution
of medicated feed containing a
VFD drug**

**Feed Order
for Medicated Feed
containing a VFD drug**



Invalid VFD



**NO Purchase or Distribution
of medicated feed containing a
VFD drug**

**Feed Order
for Medicated Feed
containing a VFD drug**



Valid VFD



**Purchase & Distribution
of medicated feed containing a
VFD drug**



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VFD Drug Levels and Feed Orders

- Feed mill/nutritionist will provide assistance in determining an appropriate inclusion level of VFD drug(s) in medicated feed.



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Intake Charts

WAKONDA PASTURE MINERAL (MEDICATED)

| Bodyweight (lbs) | Target Chlortetracycline (mg/hd/d) | Individual (lbs/day) | 25 cow herd (lbs/day) | 50 head (lbs/day) | 75 head (lbs/day) | 100 head (lbs/day) |
|---------------------|--|-------------------------|--------------------------|----------------------|----------------------|-----------------------|
| 1,400 | 700 | 0.25 | 6.25 | 12.50 | 18.75 | 25.00 |

Indication of use: As an aid in the control of active infection of anaplasmosis caused by *Anaplasma marginale* susceptible to chlortetracycline.

CAUTION: Federal law limits this drug to use under the professional supervision of a licensed veterinarian. Animal Feed Bearing or containing this veterinary feed directive drug shall be fed to animals only by or upon a lawful veterinary feed directive issued by a licensed veterinarian in the course of the veterinarian's professional practice.

Intake Charts

4 Gram Aureomycin Crumbles

| Bodyweight (lbs) | Target Chlortetracycline (mg/hd/day) | Individual (lbs/day) | 10 head (lbs/day) | 20 head (lbs/day) | 30 head (lbs/day) | 40 head (lbs/day) | 50 head (lbs/day) |
|---------------------|--|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 300 | 3000 | 0.75 | 7.50 | 15.00 | 22.50 | 30.00 | 37.50 |
| 400 | 4000 | 1.00 | 10.00 | 20.00 | 30.00 | 40.00 | 50.00 |
| 500 | 5000 | 1.25 | 12.50 | 25.00 | 37.50 | 50.0 | 62.50 |
| 600 | 6000 | 1.50 | 15.00 | 30.00 | 45.00 | 60.00 | 75.00 |
| 700 | 7000 | 1.75 | 17.50 | 35.00 | 52.50 | 70.00 | 87.50 |

Indication for use: Treatment of bacterial enteritis caused by *Escherichia coli* and bacterial pneumonia caused by *Pasteurella multocida* organisms susceptible to chlortetracycline

CAUTION: Federal law limits this drug to use under the professional supervision of a licensed veterinarian. Animal Feed Bearing or containing this veterinary feed directive drug shall be fed to animals only by or upon a lawful veterinary feed directive issued by a licensed veterinarian in the course of the veterinarian's professional practice.

Feed Tags & Labels

Performance Tested

Premium

WAKONDA PASTURE MINERAL

For beef cattle of all classes

MEDICATED

Control of anaplasmosis caused by *Anaplasma marginale*
susceptible to chlortetracycline

ACTIVE DRUG INGREDIENT

Chlortetracycline 2.8 g/lbs

GUARANTEED ANALYSIS

| | | |
|--------------------------|------|---------------|
| Crude Protein, | Min. | 11.00% |
| Crude Fat, | Min. | 3.20% |
| Crude Fiber, | Max. | 7.60% |
| Calcium (Ca), | Min. | 8.60% |
| Calcium (Ca), | Max. | 7.75% |
| Phosphorus (P), | Min. | 3.20% |
| Salt (NaCl), | Min. | 18.60% |
| Salt (NaCl), | Max. | 21.60% |
| Magnesium (Mg), | Min. | 1.10% |
| Potassium (K), | Min. | 0.30% |
| Copper (Cu), | Max. | 360 ppm |
| Selenium (Se), | Min. | 8 ppm |
| Zinc (Zn), | Min. | 1605 ppm |
| Vitamin A, | Min. | 160,000 IU/lb |
| Vitamin D ₃ , | Min. | 16,000 IU/lb |
| Vitamin E, | Min. | 75 IU/lb |

INGREDIENTS

Plant Protein Products, Salt, Dicalcium Phosphate, Magnesium Oxide, Potassium Chloride,
Potassium Sulfate, Magnesium Sulfate, Vitamin A Supplement, Vitamin D3 Supplement,
Vitamin E Supplement, Cobalt Carbonate, Copper Sulfate, Calcium Iodate, Ferrous
Carbonate, Manganese Oxide, Sodium Selenite, Zinc Oxide, Soybean Oil

FEEDING DIRECTIONS

For beef cattle (under 700 lbs) feed 0.13 lbs of Wakonda Pasture Mineral to
beef cattle consuming fescue forage to provide not less than or greater than
360 mg of Chlortetracycline per head per day.

For beef cattle (over 700 lbs) feed 0.26 lbs of Wakonda Pasture Mineral to
beef cattle consuming fescue forage to provide not less than and not
greater than 0.6 mg Chlortetracycline per lb body wt. per day.

Allow access to clean and fresh water at all times. To increase consumption
move mineral closer to water source. To decrease intake move further away
from water source.

A withdrawal period has not been established for this product in pre-
ruminating calves. Do not use in calves to be processed for veal.

Discontinue use 48 hours before slaughter



Manufactured by
Buchheit Premium Feeds

33 PCR 540 Perryville, MO 63776

1-800-822-7937 (673) 647-4688

NET WEIGHT 60# (22.7 Kg)

***** STARTING JANUARY 1, 2017 *****

**THIS PRODUCT WILL REQUIRE A
Veterinary Feed Directive (VFD)**

**FOR PURCHASE
PREPARE YOUR HERD NOW !**

Establish your veterinary patient/client relationship
with your veterinarian NOW to prepare for VFD's



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Feed Tags & Labels

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Preparing for VFD's

- Establish your Veterinary Patient Client Relationship (VCPR)
- Designate a location to store/file VFD's
 - 2 year minimum
- How to limit the need to obtain a VFD
 - Changes in production practices



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BUCHHEIT'S is Prepared for VFD's

- Have been in communication with local veterinarian's
- Capable of receiving and managing VFD copies in electronic and hard copy form
- Send invoice with VFD copy
- Submit VFD through website portal (in progress)
 - <http://www.buchheitagri.com/>



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