

PENNOX 50- oxytetracycline powder
Pharmgate Animal Health

Pennox 50®

Oxytetracycline

Type A Medicated Article

Active Drug Ingredients: Oxytetracycline (from oxytetracycline dihydrate base) equivalent to 50 grams Oxytetracycline Hydrochloride/lb.

Ingredients: Oxytetracycline, Calcium Carbonate, Roughage Products and Mineral Oil.

For Use in the Manufacture of Medicated Feeds. Do Not Feed Undiluted.

CAUTION: For use in Dry Feeds ONLY. NOT FOR USE IN LIQUID FEED SUPPLEMENTS

Directions For Use

Indications For Use	Use Level of Oxytetracycline	lbs. of Pennox 50 per ton
Chickens		
For Chickens: Control of infectious synovitis caused by <i>Mycoplasma synoviae</i> , control of fowl cholera caused by <i>Pasteurella multocida</i> sensitive to oxytetracycline. (Feed continuously for 7 - 14 days)	100-200 g/ton	2.0 - 4.0
For Chickens: Control of chronic respiratory disease (CRD) and air sac infection caused by <i>Mycoplasma gallisepticum</i> and <i>Escherichia coli</i> susceptible to oxytetracycline. (Feed continuously for 7 - 14 days).	400 g/ton	8.0
For Broiler Chickens: Reduction of mortality due to air sacculitis (air sac infection) caused by <i>Escherichia coli</i> susceptible to oxytetracycline (Feed continuously for 5 days).	500 g/ton	10.0
<p>Withdrawal Periods and Residue Warnings: Do not feed to chickens producing eggs for human consumption. Do not use in low calcium feed containing less than 0.55% dietary calcium. Use in such feeds may result in violative residues. 24 hour withdrawal period at 500 g/ton use level. No withdrawal period is required when used according to labeling at 100 - 200 g/ton and 400 g/ton use levels.</p>		
Turkeys		
For Turkeys: Control of hexamitiasis caused by <i>Hexamita meleagridis</i> susceptible to oxytetracycline. (Feed continuously for 7 - 14 days).	100 g/ton	2.0
For Turkeys: Control of infectious synovitis		

caused by <i>Mycoplasma synoviae</i> susceptible to oxytetracycline (Feed continuously for 7 - 14 days)	200g/ton	4.0
For Turkeys: Control of complicating bacterial organisms associated with bluecomb (transmissible enteritis, coronaviral enteritis) susceptible to oxytetracycline. (Feed continuously for 7 - 14 days)	25 mg/lb body weight/day	
Withdrawal Periods and Residue Warnings: Do not feed to turkeys producing eggs for human consumption. Zero-day withdrawal period.		
Swine		
For Swine: Treatment of bacterial enteritis caused by <i>Escherichia coli</i> and <i>Salmonella choleraesuis</i> susceptible to oxytetracycline and treatment of bacterial pneumonia caused by <i>Pasteurella multocida</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days.)	Feed approximately 400 g/t, varying with body weight and feed consumption to provide 10 mg/lb body weight/ day.	
For Breeding Swine: Control and treatment of leptospirosis (reducing the incidence of abortion and shedding of leptospirae) caused by <i>Leptospira pomona</i> susceptible to oxytetracycline. (Feed continuously for 14 days)	Feed approximately 400 g/t, varying with body weight and feed consumption to provide 10 mg/lb body weight/ day.	
Withdrawal Periods: Zero-day withdrawal period.		
Calves, Beef Cattle, and Nonlactating Dairy Cattle		
For Growing Cattle (over 400 lbs.): For the reduction of the incidence of liver abscesses. (Use continuously)		
	75 mg/head/day	
For Cattle: For the prevention and treatment of the early stages of the shipping fever complex. (Feed 3-5 days before and after arrival in feedlots.)	0.5-2.0g/head/day	
For Calves, Beef Cattle, and Nonlactating Dairy Cattle: Treatment of bacterial enteritis caused by <i>Escherichia coli</i> and bacterial pneumonia (shipping fever complex) caused by <i>Pasteurella multocida</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)	10 mg/lb. body weight/day	
Withdrawal Periods and Residue Warnings: This drug product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk, and/or in calves born to these cows. 5-day withdrawal period at 10 mg/lb. body weight/day use level. No withdrawal period is required when used according to labeling at 75 mg/head/day and 0.5 - 2.0 g/head/day use level.		
Sheep		
For Sheep: Treatment of bacterial enteritis caused by <i>Escherichia coli</i> and bacterial		

pneumonia caused by *Pasteurella multocida* 10 mg/lb. body weight/day
susceptible to oxytetracycline. (Feed
continuously for 7-14 days)

Withdrawal Periods: 5-day withdrawal period.

Honey Bees

Honey Bees: Control of American Foulbrood caused by *Paenibacillus larvae*, and European Foulbrood caused by *Melissococcus plutonius* susceptible to oxytetracycline.

200 mg/oz (Dusting)
200 mg/5 lb (Syrup)
800 mg/paty (Extender Patty)

See Mixing, Preparation, and Feeding Directions below.

Mixing Directions for Honey Bees

To manufacture a Type B medicated feed containing 20g/lb of oxytetracycline hydrochloride activity, mix 10 lb of Pennox 50 with 15 lb of powdered sugar (for a total of 25 lb.) To manufacture a Type C medicated feed containing 200 mg of oxytetracycline hydrochloride activity per oz (dusting Type C medicated feed), mix 14 lb of Pennox 50 with 204 lb of powdered sugar (for a total of 218 lb). The resulting Type C medicated feed is fed as-is for dusting, or is used to prepare syrup and extender patty feeds.

Feeding Directions for Dusting:

Dusting: Apply 1 oz (200 mg oxytetracycline) of dusting Type C medicated feed per colony every 4 to 5 days for a total of 3 applications. Apply the dust on the outer parts or ends of the frames.

Caution: Dusting of uncapped brood cells has been reported to cause death of larval honey bees. Do not dust uncapped brood cells.

Preparation and Feeding Directions for Syrup:

Preparation: First dissolve 1 oz (200 mg oxytetracycline) of the dusting Type C medicated feed in a small quantity of water, then mix into 5 lb of 1:1 sugar syrup (equal parts sugar and water w/w).

Feeding: Feed 5 lb of syrup (200 mg oxytetracycline) per colony every 4 to 5 days for a total of 3 applications. Bulk feed the syrup using feeder pails, or division board feeders, or by filling the combs. Prepare fresh syrup for each application.

Preparation and Feeding Directions for Extender Patty:

Preparation: Make one patty by mixing 4 oz (800 mg oxytetracycline) of the dusting Type C medicated feed with 5.8 oz (165 g) of vegetable shortening and 11.6 oz (330 g) of sugar.

Feeding: Place one patty per colony on the top bars of the brood nest frames in a single application.

Warnings:

Withdrawal Periods and Residue Warnings: Remove at least 6 weeks prior to main honey flow. Type C medicated feeds should be fed in the spring or fall and consumed by the bees before main honey flow begins to avoid contamination of production honey. Honey stored during medication periods in combs for surplus honey should be removed following final medication of the bee colony and must not be used for human food.

Warning: Do not use in a manner contrary to state apiary laws and regulations. Each state has specific regulations relative to disease control and medications. Contact the appropriate official or state departments of agriculture for specific inter- and intrastate laws and regulations.

Approved by FDA under NADA # 138-938

Pennox 50® is the registered trademark of Pharmgate Inc.

Marketed by:

Pharmgate Animal Health, LLC

14040 Industrial Road

Omaha, NE 68144



Take Time

Observe Directions

PRINCIPAL DISPLAY PANEL - 22.68 Kg Bag Label

Pennox 50®

Oxytetracycline

Type A Medicated Article

CAUTION: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by or on the order of a licensed veterinarian.

See mixing directions, claims, cautions and warnings on back.

Restricted Drug (California) - Use Only as Directed.

Not For Human Use.

Net wt. 50 LB (22.68 Kg)

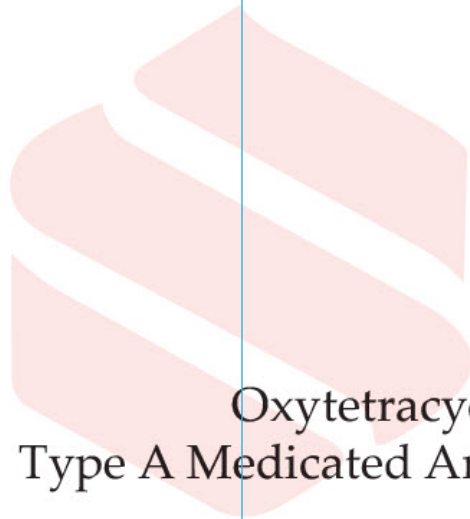
Pharmgate

ANIMAL HEALTH



Pennox 50[®]

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Oxytetracycline Type A Medicated Article

Active Drug Ingredients:		Oxytetracycline (from oxytetracycline dihydrate base) equivalent to 50 grams Oxytetracycline Hydrochloride/lb.			
Ingredients:		Oxytetracycline, Calcium Carbonate, Roughage Products and Mineral Oil.			
For Use in the Manufacture of Medicated Feeds. Do Not Feed Undiluted.					
CAUTION: For use in Dry Feeds ONLY. NOT FOR USE IN LIQUID FEED SUPPLEMENTS					
Directions For Use					
Indications For Use		Use Levels of Oxytetracycline	lbs. of Pennox 50[®] per ton		
Indications For Use		Use Levels of Oxytetracycline	lbs. of Pennox 50[®] per ton		
<p>Chickens</p> <p>For Chickens: Control of infectious synovitis caused by <i>Mycoplasma synoviae</i>; control of fowl cholera caused by <i>Pasteurella multocida</i> sensitive to oxytetracycline. (Feed continuously for 7-14 days)</p> <p>For Chickens: Control of chronic respiratory disease (CRD) and air sac infection caused by <i>Mycoplasma gallisepticum</i> and <i>Escherichia coli</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p> <p>For Broiler Chickens: Reduction of mortality due to air sacculitis (air sac infection) caused by <i>Escherichia coli</i> susceptible to oxytetracycline. (Feed continuously for 5 days)</p>		<p>100-200g/ton</p> <p>400g/ton</p> <p>500g/ton</p>	<p>2.0-4.0</p> <p>8.0</p> <p>10.0</p>		
<p>Turkeys</p> <p>For Turkeys: Control of hexamitiasis caused by <i>Hexamita meleagridis</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p> <p>For Turkeys: Control of infectious synovitis caused by <i>Mycoplasma synoviae</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p> <p>For Turkeys: Control of complicating bacterial organisms associated with bluecomb (transmissible enteritis, coronaviral enteritis) susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p>		<p>100g/ton</p> <p>200g/ton</p> <p>25 mg/lb. body weight/day</p>	<p>2.0</p> <p>4.0</p> <p>4.0</p>		
<p>Swine</p> <p>For Swine: Treatment of bacterial enteritis caused by <i>Escherichia coli</i> and <i>Salmonella choleraesuis</i> susceptible to oxytetracycline and treatment of bacterial pneumonia caused by <i>Pasteurella multocida</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p> <p>For Breeding Swine: Control and treatment of leptospirosis (reducing the incidence of abortion and shedding of leptospirae) caused by <i>Leptospira pomona</i> susceptible to oxytetracycline. (Feed continuously for 14 days)</p>		<p>Feed approximately 400g/t, varying with body weight and feed consumption to provide 10mg/lb. body weight/day</p> <p>Feed approximately 400g/t, varying with body weight and feed consumption to provide 10mg/lb. body weight/day</p>			
<p>Sheep</p> <p>For Sheep: Treatment of bacterial enteritis caused by <i>Escherichia coli</i> and bacterial pneumonia caused by <i>Pasteurella multocida</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p>		<p>10 mg/lb. body weight/day</p>			
<p>Approved by FDA under NADA # 138-938</p> <p>Pennox 50[®] is the registered trademark of Pharmgate Inc.</p>					
<p>Withdrawal Periods and Residue Warnings: Do not feed to chickens producing eggs for human consumption. Do not use in low calcium feed containing less than 0.55% dietary calcium. Use in such feeds may result in violative residues. 24 hour withdrawal period at 500 g/ton use level. No withdrawal period is required when used according to labeling at 100-200 g/ton and 400 g/ton use levels.</p>		<p>Withdrawal Periods and Residue Warnings: This drug product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. 5-day withdrawal period at 10 mg/lb. body weight/day use level. No withdrawal period is required when used according to labeling at 75 mg/head/day and 0.5-2.0 g/head/day use levels.</p>			
<p>Withdrawal Periods: Zero-day withdrawal period.</p>		<p>Warnings:</p> <p>Withdrawal Periods and Residue Warnings: Remove at least 6 weeks prior to main honey flow. Type C medicated feeds should be fed in the spring or fall and consumed by the bees before main honey flow begins to avoid contamination of production honey. Honey stored during medication periods in combs for surplus honey should be removed following final medication of the bee colony and must not be used for human food.</p>			
<p>Withdrawal Periods: 5-day withdrawal period.</p>		<p>Warnings: Do not use in a manner contrary to state apian laws and regulations. Each state has specific regulations relative to disease control and medication. Contact the appropriate official or state departments of agriculture for specific inter- and intrastate laws and regulations.</p>			
		<p>Calves, Beef Cattle, and Nonlactating Dairy Cattle</p> <p>For Growing Cattle (over 400 lbs.): For the reduction of the incidence of liver abscesses. (Use continuously)</p> <p>For Cattle: For the prevention and treatment of the early stages of the shipping fever complex. (Feed 3-5 days before and after arrival in feedlots.)</p> <p>For Calves, Beef Cattle and Nonlactating Dairy Cattle: Treatment of bacterial enteritis caused by <i>Escherichia coli</i> and bacterial pneumonia (shipping fever complex) caused by <i>Pasteurella multocida</i> susceptible to oxytetracycline. (Feed continuously for 7-14 days)</p>		<p>75 mg/head/day</p> <p>0.5-2.0g/head/day</p> <p>10 mg/lb. body weight/day</p>	
		<p>Honey Bees</p> <p>Control of American Foulbrood caused by <i>Paenibacillus larvae</i>, and European Foulbrood caused by <i>Melissococcus plutonius</i> susceptible to oxytetracycline.</p> <p>200 mg/oz (Dusting) 200 mg/5 lb (Syrup) 800 mg/patty (Extender Patty)</p> <p>See Mixing, Preparation, and Feeding Directions below.</p> <p>Mixing Directions for Honey Bees</p> <p>To manufacture a Type B medicated feed containing 20 g/lb of oxytetracycline hydrochloride activity, mix 10 lb of Pennox 50 with 15 lb of powdered sugar (for a total of 25 lb.)</p> <p>To manufacture a Type C medicated feed containing 200 mg of oxytetracycline hydrochloride activity per oz (dusting Type C medicated feed), mix 14 lb of Pennox 50 with 204 lb of powdered sugar (for a total of 218 lb). The resulting Type C medicated feed is fed as-is for dusting, or is used to prepare syrup and extender patty feeds.</p> <p>Feeding Directions for Dusting:</p> <p>Dusting: Apply 1 oz (200 mg oxytetracycline) of dusting Type C medicated feed per colony every 4 to 5 days for a total of 3 applications. Apply the dust on the outer parts or ends of the frames.</p> <p>Caution: Dusting of uncapped brood cells has been reported to cause death of larval honey bees. Do not dust uncapped brood cells.</p> <p>Preparation and Feeding Directions for Syrup:</p> <p>Preparation: First dissolve 1 oz (200 mg oxytetracycline) of the dusting Type C medicated feed in a small quantity of water, then mix into 5 lb of 1:1 sugar syrup (equal parts sugar and water, w/w).</p> <p>Feeding: Feed 5 lb of syrup (200 mg oxytetracycline) per colony every 4 to 5 days for a total of 3 applications. Bulk feed the syrup using feeder pails, or division board feeders, or by filling the combs. Prepare fresh syrup for each application.</p> <p>Preparation and Feeding Directions for Extender Patty:</p> <p>Preparation: Make one patty by mixing 4 oz (800 mg oxytetracycline) of the dusting Type C medicated feed with 5.8 oz (165 g) of vegetable shortening and 11.6 oz (330 g) of sugar.</p> <p>Feeding: Place one patty per colony on the top bars of the brood nest frames in a single application.</p>			

REV 06-22
BAG A



Pharmgate
ANIMAL HEALTH

Marketed by:

Pharmgate Animal Health, LLC

TAKE TIME



OBSERVE DIRECTIONS

Pharmgate Animal Health, LLC
14040 Industrial Road
Omaha, Nebraska 68144

PENNOX 50

oxytetracycline powder

Product Information

Product Type	VFD TYPE A MEDICATED ARTICLE ANIMAL DRUG	Item Code (Source)	NDC:51429-053
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
Oxytetracycline (UNII: X20I9EN955) (Oxytetracycline Anhydrous - UNII:SLF0D9077S)	Oxytetracycline	110 g in 1 kg

Inactive Ingredients

Ingredient Name	Strength
Calcium Carbonate (UNII: H0G9379FGK)	
Mineral Oil (UNII: T5L8T28FGP)	

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:51429-053-02	22.68 kg in 1 BAG		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NADA	NADA138938	12/23/2008	

Labeler - Pharmgate Animal Health (833270817)

Registrant - Pharmgate Inc. (079628671)

Revised: 10/2023

Pharmgate Animal Health