Producers:
Anti-Infective Fall Rebates

Aug. 1 - Sept. 30, 2022

ANTI-INFECTIVES

Purchase Elanco anti-infectives during the program period and earn up to a 8% rebate based on your combined total product purchase volume.

ELIGIBLE PRODUCTS

Elanco Increxxa™ (tulathromycin injection)

Injectable Baytril® 100 (enrofloxacin)

Elanco Micotil® (tilmicosin injection)

Loncor™ 300 (florfenicol)

	TIER 1	TIER 2
Purchase	$2,000	$5,000
Rebate	5%	8%

For more product information or to obtain an additional rebate form,
ask your veterinarian, your Elanco sales representative or distributor sales representative.

TERMS:
Eligible products for the anti-infective offer include 100 mL, 250 mL and 500 mL sizes of Increxxa and Baytril 100; 250 mL of Micotil and 250mL and 500mL sizes of Loncor.

Mail-in claims: Minimum purchase of $2,000 of Increxxa, Micotil, Baytril 100 and/or Loncor. Mail-in rebate claim form and invoice(s) must be POSTMARKED NO LATER THAN October 31, 2022. Payments will be calculated by mail-in claim form submission, and paper check payments will be paid after completion of the program. Minimum rebate check amount for mail-in rebates is $50.00.

Supplier-reported claims: If you purchase a minimum of $2,000 of Increxxa, Micotil, Baytril 100 and/or Loncor through an EDI-reporting channel partner AND do not send in a mail-in rebate claim, you will automatically receive a rebate check in the mail. Payments will be calculated based on EDI-reported sales by Elanco. Minimum rebate check amount for EDI-reported rebates is $50.00.

Payments are calculated based on reported sales by Elanco. Elanco reserves the right to vary the terms and conditions of this program or to cancel this program at any time upon notice through the website Elanco.com.

Right for cattle. Right by you. Elanco™

Fall 2022 Producer REBATE CLAIM FORM

- If a producer is buying from an EDI-reporting distributor, the rebate will automatically be calculated. A claim form is not needed.
- Claim form only needs to be completed if the producer is buying direct from a veterinarian or dealer.
- Program purchases are cumulative during the program period Aug. 1 – Sept. 30, 2022.
- Purchase Elanco anti-infectives during the program period and earn a rebate based on your combined total purchase volume.
  - Earn 5% when you purchase a minimum of $2,000 of Increxxa, Micotil, Baytril 100 and/or Loncor.
  - Earn 8% when you purchase a minimum of $5,000 of Increxxa, Micotil, Baytril 100 and/or Loncor.

Non-Contracted Accounts		
Purchase	**Aug. 1 – Sept. 30, 2022 Rebate**	**For Increxxa, Micotil, Baytril 100 and Loncor**
$2,000	5%	
$5,000	8%	

Brand and SKU size	Bottles Purchased		Price/bottle	Total $/size	Total mL/size
Increxxa - 100 mL bottles		x	$		mL
Increxxa - 250 mL bottles		x	$		mL
Increxxa - 500 mL bottles		x	$		mL
Micotil - 250 mL bottles		x	$		mL
Baytril 100 - 100 mL bottles		x	$		mL
Baytril 100 - 250 mL bottles		x	$		mL
Baytril 100 - 500 mL bottles		x	$		mL
Loncor - 250 mL bottles		x	$		mL
Loncor - 500 mL bottles		x	$		mL
Subtotals				$	mL

x _____ %
Rebate

Total Increxxa, Micotil, Baytril 100 and/or Loncor Rebate Request	$

Minimum rebate check is $50.00. No limit to number of rebate claims.

Invoice copy(ies) or invoice statement(s) must accompany this form to obtain rebate. Invoices or statements must clearly show:

1. Product name(s), product size(s) and date(s) purchased.
2. Name of company where product(s) was/were purchased and price paid.

Submit rebate claim form and invoice(s) POSTMARKED NO LATER THAN October 31, 2022, to:

Elanco Fall 2022 PRODUCER Rebate
Dept. BL201841
P.O. Box 1080
Grand Rapids, MN 55745-1080

Producer Name

Physical Address

Mailing Address

City State ZIP

Phone Number

Email Address

☐ I would like to receive future communications from Elanco about farm animal products.

Payments are calculated based on reported sales by Elanco. Elanco reserves the right to vary the terms and conditions of this program or to cancel this program at any time upon notice through the website ElancoLivestock.com.

Micotil (tilmicosin injection) Indication: Micotil is indicated for the treatment of bovine respiratory disease (BRD) associated with *Mannheimia haemolytica, Pasteurella multocida* and *Histophilus somni,* and for the control of respiratory disease in cattle at high risk of developing BRD associated with *Mannheimia haemolytica*.

MICOTIL IMPORTANT SAFETY INFORMATION

Before using this product, it is important to read the entire product insert, including the boxed human warning. Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian. Not for human use. Injection of this drug in humans has been associated with fatalities. Keep out of reach of children. Do not use in automatically powered syringes. Always use proper drug handling procedures and exercise extreme caution to avoid accidental self-injection. In case of human injection, consult a physician immediately and apply ice or cold pack to injection site while avoiding direct contact with the skin. Avoid contact with eyes. For use in cattle or sheep only. Inject subcutaneously. Do not use in female dairy cattle 20 months of age or older. Micotil has a pre-slaughter withdrawal time of 42 days.

Elanco™

AH0230

Micotil™ 300

250 mL™

(tilmicosin injection)

300 mg tilmicosin, USP as tilmicosin phosphate per mL

For Use in Cattle and Sheep Only
Solo Para Uso en Bovinos y Ovinos
Do Not Use in Automatically Powered Syringes.
No Administrar con Jeringas Accionadas Automáticamente.
Approved by FDA under NADA # 140-929

Caution: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

Description: Micotil is a solution of the antibiotic tilmicosin. Each mL contains 300 mg of tilmicosin, USP as tilmicosin phosphate in 25% propylene glycol, phosphoric acid as needed to adjust pH and water for injection, Q.S. Tilmicosin, USP is produced semi-synthetically and is in the macrolide class of antibiotics.

Indications: Micotil is indicated for the treatment of bovine respiratory disease (BRD) associated with *Mannheimia haemolytica, Pasteurella multocida* and *Histophilus somni* and for the treatment of ovine respiratory disease (ORD) associated with *Mannheimia haemolytica.* Micotil is indicated for the control of respiratory disease in cattle at high risk of developing BRD associated with *Mannheimia haemolytica.*

Dosage and Administration: Inject Subcutaneously in Cattle and Sheep Only.
In cattle, administer a single subcutaneous dose of 10 to 20 mg/kg of body weight (1 to 2 mL/30 kg or 1.5 to 3 mL per 100 lbs). **In sheep** greater than 15 kg, administer a single subcutaneous dose of 10 mg/kg of body weight (1 mL/30 kg or 1.5 mL per 100 lbs). Do not inject more than 10 mL per injection site.
If no improvement is noted within 48-hours, the diagnosis should be reevaluated.
For cattle and sheep, injection under the skin in the neck is suggested.
If not accessible, inject under the skin behind the shoulders and over the ribs.

Note: Swelling at the subcutaneous site of injection may be observed.

Contraindications: Do not use in automatically powered syringes. Do not administer intravenously to cattle or sheep. Do not use in lambs less than 15 kg body weight. Intravenous injection in cattle or sheep will be fatal. Do not administer to animals other than cattle or sheep. Injection of this antibiotic has been shown to be fatal in swine and non-human primates, and it may be fatal in horses and goats.

Warnings:

Human Warnings: Not for human use. Injection of this drug in humans has been associated with fatalities. Keep out of reach of children. Do not use in automatically powered syringes. Exercise extreme caution to avoid accidental self-injection. In case of human injection, consult a physician immediately and apply ice or cold pack to injection site while avoiding direct contact with the skin. Emergency medical telephone numbers are 1-800-722-0987 or 1-800-428-4441. Avoid contact with eyes.

Note To The Physician: The cardiovascular system is the target of toxicity and should be monitored closely. Cardiovascular toxicity may be due to calcium channel blockade. In dogs, administration of intravenous calcium offset Micotil-induced tachycardia and negative inotropy (decreased contractility). Dobutamine partially offset the negative inotropic effects induced by Micotil in dogs. ß-adrenergic antagonists, such as propranolol, exacerbated the negative inotropy of Micotil in dogs. Epinephrine potentiated lethality of Micotil in pigs. This antibiotic persists in tissues for several days.

Advertencias Para El Ser Humano: Este producto no es para uso humano. La inyección de este medicamento al ser humano se ha asociado con muertes. Mantenga fuera del alcance de los niños. No use en jeringas operadas automáticamente. Proceda con extrema cautela para evitar la autoinyección accidental. En caso de inyección a un ser humano, consulte a un médico inmediatamente y aplique hielo o una bolsa de hielo sobre el sitio de la inyección, evitando el contacto directo con la piel. Los números de teléfono para emergencias médicas son 1-800-722-0987 ó 1-800-428-4441. Evite el contacto con los ojos.

Nota Para El Médico: El sistema cardiovascular es el blanco de la toxicidad y debe vigilarse estrechamente. La toxicidad cardiovascular puede deberse al bloqueo de los canales de calcio. En los perros, la administración intravenosa de calcio compensó la taquicardia y los efectos inotrópicos negativos (reducción de la contractilidad) inducidos por Micotil. La dobutamina compensó parcialmente los efectos inotrópicos negativos inducidos por Micotil en perros. Los antagonistas ß-adrenérgicos, como propranolol, exacerbaron el inotropismo negativo de Micotil en los perros. La epinefrina potenció la letalidad de Micotil en cerdos. Este antibiótico persiste en los tejidos por varios días.

Residue Warnings: Animals intended for human consumption must not be slaughtered within 42 days of the last treatment. Not for use in lactating dairy cattle 20 months of age or older. Use of tilmicosin in this class of cattle may cause milk residues. Not for use in lactating ewes producing milk for human consumption.

For Subcutaneous Use in Cattle and Sheep Only.
Do Not Use in Automatically Powered Syringes.
Solo Para Uso Subcutáneo en Bovinos y Ovinos.
No Administrar con Jeringas Accionadas Automáticamente.
Precautions: Read accompanying literature fully before use. Intramuscular injection will cause a local reaction which may result in trim loss of edible tissue at slaughter. The effects of tilmicosin on bovine and ovine reproductive performance, pregnancy and lactation have not been determined.

Adverse Reactions: The following adverse reactions have been reported post-approval:
In cattle: injection site swelling and inflammation, lameness, collapse, anaphylaxis/ anaphylactoid reactions, decreased food and water consumption, and death.
In sheep: dyspnea and death.
For additional information about reporting adverse drug experiences for animal drugs, contact FDA at 1-888-FDA-VETS or http://www.fda.gov/reportanimalae

Clinical Pharmacology: A single subcutaneous injection of Micotil at 10 mg/kg of body weight dose in cattle resulted in peak tilmicosin levels within one hour and detectable levels (0.07 µg/mL) in serum beyond 3 days. However, lung concentrations of tilmicosin remained above the tilmicosin MIC 95% of 3.12 µg/mL for *Mannheimia haemolytica* for at least 3 days following the single injection. Serum tilmicosin levels are a poor indicator of total body tilmicosin. The lung/serum tilmicosin ratio in favor of lung tissue appeared to equilibrate by 3 days post-injection at approximately 60. In a study with radioactive tilmicosin, 24% and 68% of the dose was recovered from urine and feces respectively over 21 days. After a single subcutaneous injection of Micotil at 10 mg/kg of body weight, tilmicosin concentrations in excess of 4 µg/mL were maintained in the alveolar macrophages and neutrophils of most cattle for at least 10 days. The clinical relevance of these findings has not been determined.

Microbiology: Tilmicosin has an *in vitro* antibacterial spectrum that is predominantly Gram-positive with activity against certain Gram-negative microorganisms. *In vitro* activity against several *Mycoplasma* species has also been observed.

Effectiveness: In a multi-location field study, 1508 calves with naturally occurring BRD were treated with Micotil. Responses to treatment were compared to saline-treated controls. A cure was defined as a calf with normal attitude and activity, normal respiration, and a rectal temperature of <104°F on Day 13. The cure rate was significantly higher (P=0.004) in Micotil-treated calves (63.1%) compared to saline-treated calves (29.2%). During the treatment phase of the study, there were 10 BRD-related deaths in the Micotil-treated calves compared to 47 in the saline-treated calves.

Animal Safety: A safety study was conducted in feeder calves receiving subcutaneous doses of 20, 30, 40, or 60 mg/kg of body weight, injected 3 times at 72-hour intervals. Death was not seen in any of the treatment groups. Injection site swelling and mild hemorrhage at the injection site were seen in animals in all dosage groups. Lesions were described as being generally more severe and occurred at higher frequency rates in the animals treated with higher doses of tilmicosin. Lameness associated with the injection site was noted in two of twenty-four animals (one animal in the 30 mg/kg body weight treatment group and one animal in the 60 mg/kg treatment group). No other drug related lesions were observed macroscopically or microscopically. Decreases in food and water consumption were noted in all treatment groups compared to the control group.

A separate safety study conducted in feeder calves, subcutaneous doses of 10, 30, or 50 mg/kg of body weight, injected 3 times at 72-hour intervals did not cause any deaths. Edema at the site of injection was noted. The only lesion observed at necropsy was minimal myocardial necrosis in some animals dosed at 50 mg/kg.

In an additional safety study, subcutaneous doses of 150 mg/kg body weight injected at 72-hour intervals resulted in death of two of the four treated animals. Edema was marked at the site of injection. Minimal myocardial necrosis was the only lesion observed at necropsy. Deaths of cattle have been observed with a single intravenous dose of 5 mg/kg of body weight.

In sheep, single subcutaneous injections of 10 mg/kg body weight dose did not cause any deaths and no adverse effects of tilmicosin were observed on blood pressure, heart rate, or respiratory rate.

Toxicology: The heart is the target of toxicity in laboratory and domestic animals given Micotil by oral or parenteral routes. The primary cardiac effects are increased heart rate (tachycardia) and decreased contractility (negative inotropy). Cardiovascular toxicity may be due to calcium channel blockade.

Upon subcutaneous injection, the acute median lethal dose of tilmicosin in mice is 97 mg/kg, and in rats is 185 mg/kg of body weight. Given orally, the median lethal dose is 800 mg/kg and 2250 mg/kg body weight in fasted and nonfasted rats, respectively. No compound-related lesions were found at necropsy.

In dogs, intravenous calcium offset Micotil-induced tachycardia and negative inotropy, restoring arterial pulse pressure. Dobutamine partially offset the negative inotropic effects induced by Micotil in dogs. ß-adrenergic antagonists, such as propranolol, exacerbated the negative inotropy of Micotil in dogs.

In monkeys, a single intramuscular dose of 10 mg/kg body weight caused no signs of toxicity. A single dose of 20 mg/kg body weight caused vomiting and 30 mg/kg body weight caused the death of the only monkey tested.

In swine, intramuscular injection of 10 mg/kg body weight caused increased respiration, emesis, and a convulsion, 20 mg/kg body weight resulted in mortality in 3 of 4 pigs, and 30 mg/kg body weight caused the death of all 4 pigs tested. Injection of 4.5 and 5.6 mg/kg body weight intravenously followed by epinephrine, 1mL (1:1000) intravenously 2 to 6 times, resulted in death of all pigs injected. Pigs given 4.5 mg/kg and 5.6 mg/kg body weight intravenously with no epinephrine all survived. These results suggest intravenous epinephrine may be contraindicated.

Results of genetic toxicology studies were all negative. Results of teratology and reproduction studies in rats were negative. The no effect level in dogs after daily oral doses for up to one year is 4 mg/kg of body weight.

Storage Conditions: Store at or below 86°F (30°C). Protect from direct sunlight.
Conservar a 86°F (30°C). Proteger de la luz solar directa.
To report adverse effects, access medical information, or obtain additional product information, call 1-800-428-4441.

How Supplied: Micotil is supplied in 250 mL multi-dose amber glass bottles.
Manufactured for: **Elanco US, Inc.**
Greenfield, IN 46140, USA
Revised: March 2020

AH0230 YL241059A W1b

Right for cattle. Right by you.

Elanco™