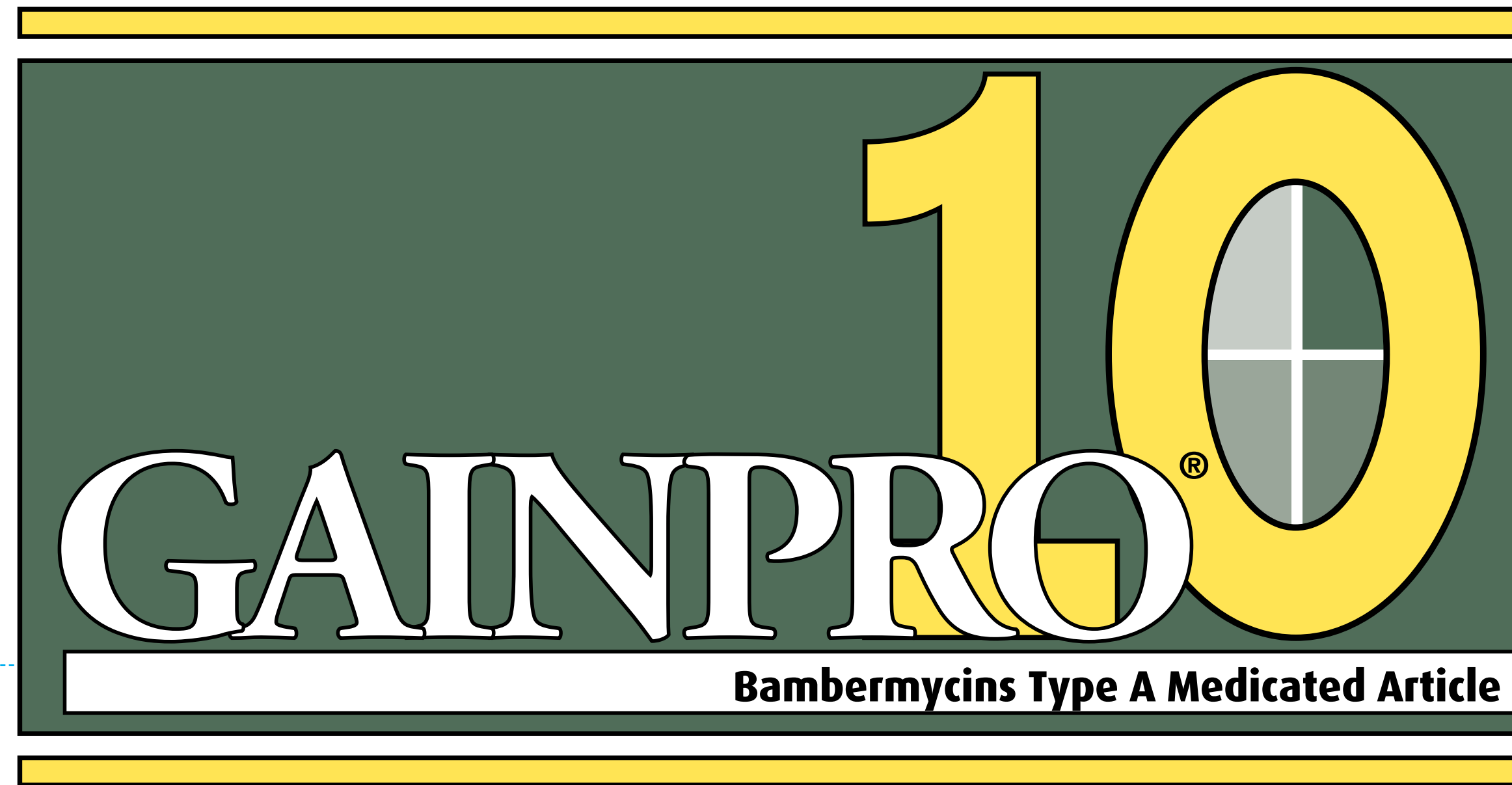


# GAINPRO<sup>®</sup> 10

Bambermycins Type A Medicated Article



For increased rate of weight gain and improved feed efficiency in cattle fed in confinement for slaughter. For increased rate of weight gain in pasture cattle (slaughter, stocker and feeder cattle, and dairy and beef replacement heifers).

**ACTIVE INGREDIENTS**  
Bambermycins 10 grams per pound (22 grams per kilogram)

**INGREDIENTS**  
Roughage products and/or calcium carbonate, dried bambermycins fermentation product, ethoxyquin (a preservative), mineral oil.

**MIXING DIRECTIONS AND INDICATIONS FOR USE ON REVERSE SIDE. FOR USE IN MANUFACTURED FEEDS ONLY. NOT FOR HUMAN USE. Restricted Drug (California)- use only as directed**

**STORAGE**  
Store at or below 25°C (77°F), excursions permitted to 40°C (104°F).

Net Weight—50 pounds (22.68 kg)



Distributed by:  
**HUVEPHARMA, INC.**  
Peachtree City, GA 30269

271278 H-285012 5-16  
FREIGHT SHIPPING BAG  
APPLICABLE FREIGHT CLASSIFICATION  
QUANTITIES  
BANKOFFS&S, INC.  
WEST HAVEN, CT 06457

H-285-012

4.75"

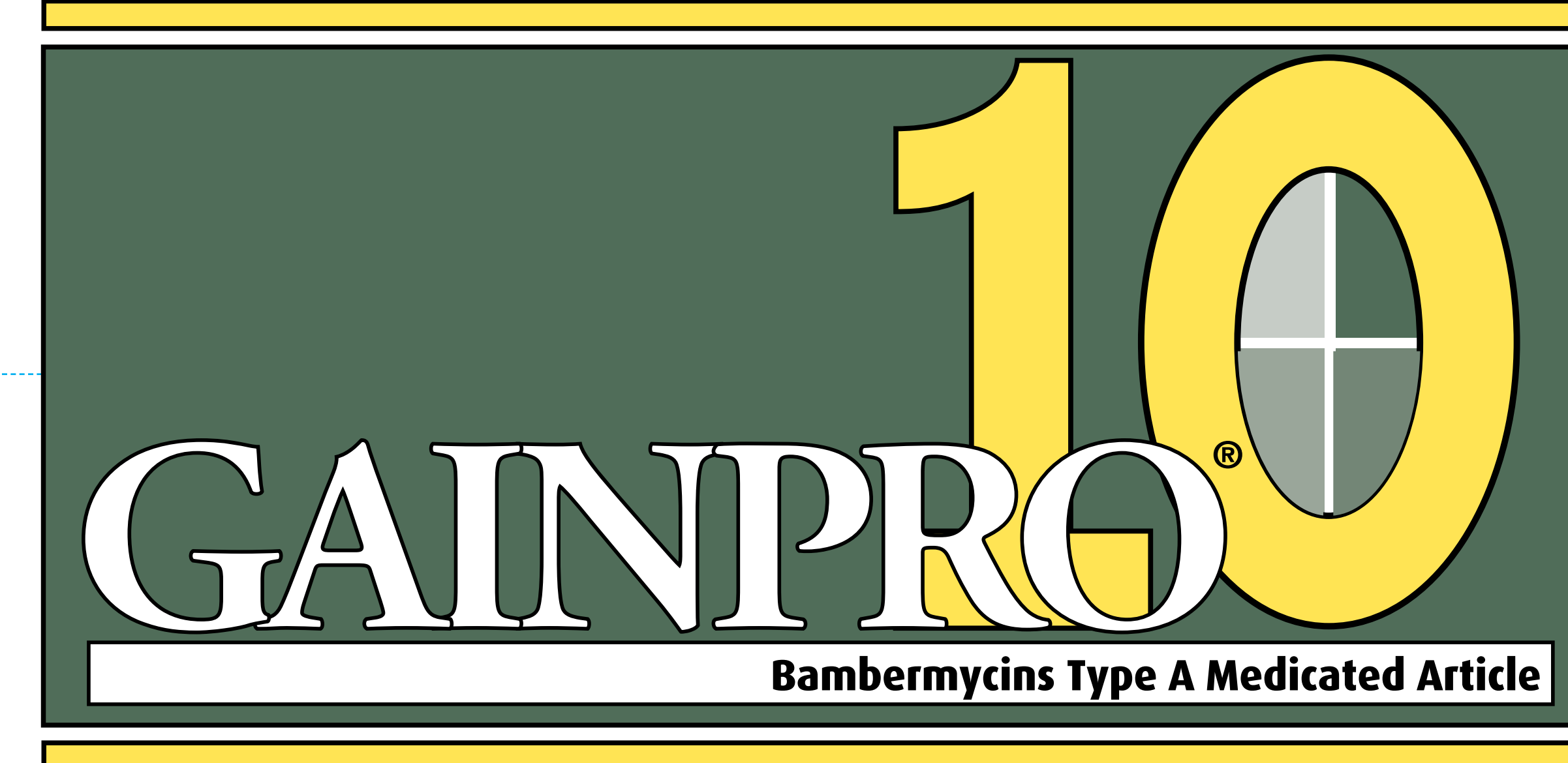
# GAINPRO<sup>®</sup> 10

Bambermycins Type A Medicated Article

**INDICATIONS FOR USE**

Beef Cattle Classes	Bambermycins g/ton in feed	Bambermycins mg/hd/d	Indications	Withdrawal Period
Cattle Fed in Confinement for Slaughter*	1 - 4	10 to 20 mg/hd/day**	Increased rate of weight gain, improved feed efficiency	None
Pasture Cattle*	2 - 80	10 to 40 mg/hd/day***	Increased rate of weight gain	None

\*Only a single level of bambermycins (i.e. 2 grams bambermycins/ton) can be indicated on a feed tag. A different feed tag must be submitted for each level of bambermycins needed for your complete feeding program.



**CATTLE FED IN CONFINEMENT FOR SLAUGHTER:**  
\*\*THE APPROVED DOSE IN CATTLE FED IN CONFINEMENT FOR SLAUGHTER IS 10 TO 20 MG OF BAMBERMYCINS/HDDAY. The amount of bambermycins will range between 1 and 2 grams per ton of feed depending upon the daily feed consumption of the cattle fed in confinement for slaughter. The amount of Type A Medicated Article added to the complete ration (Type C Medicated Feed) must be based on the number of animals, the number of animals in the pen and the level (10-20 mg/hd/day) of bambermycins being fed. From this information the grams of bambermycins per ton of feed can be calculated in order to fulfill feed assay requirements. See the following table for conversions from mg/hd/day to g/ton.

**EXAMPLE OF CONVERTING THE BAMBERMYCINS CATTLE DOSAGE FROM MG/HEAD/DAY TO GRAMS/TON\***

Cattle Weight	Average Feed Consumption/Head/day	Grams Bambermycins/Ton of Feed		Mg Bambermycins Fed Daily to each Animal	
		Low	High	Low	High
450	181.4	19.0	2.90	4.00	20.0
500	228.8	14.0	3.50	2.80	19.6
600	272.2	17.0	1.25	2.30	10.6
700	317.5	20.0	1.00	2.00	10.0
800	362.9	22.0	1.00	1.80	11.0
900	408.2	24.0	1.00	1.70	11.5
1000	453.6	24.0	1.00	1.60	12.0
1100	499.0	25.0	1.00	1.60	12.5
1200	544.3	26.0	1.00	1.50	13.0
1300	589.7	27.0	1.00	1.40	13.5

\*Dosage range is 10 to 20 mg/head/day.  
\*\*Assumes as fed ad libitum consumption and average daily gain of 2.0 to 3.0 lbs./day.  
Example Calculation—Amount of GAINPRO<sup>®</sup> 10 added to feed for a pen of cattle.  
Given: Average Weight—800 lbs., Number in pen—100 hd., Dosage—20 mg/head/day, Daily Feed Consumption—22 lbs./day.  
• 100 hd x 20 mg = 2,000 mg or 2 grams bambermycins.  
• GAINPRO<sup>®</sup> 10 contains 10 grams bambermycins/lb., therefore add 0.2 pound of GAINPRO<sup>®</sup> 10 to the daily feed for this pen of 100 animals.  
• 22 lbs./day x 100 hd = 2,200 lbs. total feed consumption.  
• 2 grams bambermycins = 2,200 lbs. = 0.0009 g/lb.  
• 0.0009 x 2,000 lbs. = 1.82 g bambermycins/ton of feed.

**MIXING DIRECTIONS:**  
It is recommended that GAINPRO<sup>®</sup> 10 be diluted with a feed ingredient before addition to the final feed. A dilution of 1 part of GAINPRO<sup>®</sup> 10 and 9 parts feed ingredient is the suggested working intermediate pre-blend. The table below shows examples of GAINPRO<sup>®</sup> 10 and working intermediate pre-blend addition levels for various commonly used feeds.

**Cattle Fed in Confinement for Slaughter Feed**

Bambermycins in Feed g/ton	Making 1 to 3 Intermediate Pre-blend	Feed Ingredient to be added per ton	1 to 9 Intermediate Pre-blend to be added per ton
10	0.2	1.8	10
20	0.4	1.6	2
30	0.6	1.4	3
40	0.8	1.2	4

Thoroughly mix both working intermediate pre-blend and finished feed to ensure complete and uniform distribution of the GAINPRO<sup>®</sup> 10.

**FEEDING DIRECTIONS:**  
Feed continuously in a complete feed at the rate of 10-20 mg bambermycins/head/day from the Type C Medicated Feed containing 1-g bambermycins/ton.

**TYPE B LIQUID MEDICATED FEED INTENDED FOR ADDITION TO DRY FEEDS FOR CONFINEMENT CATTLE**  
\*Type B Liquid Medicated Feed should be in a pH range of 3.8 to 7.5 and should have a moisture content between 30 and 45%.  
\*Type B Liquid Medicated Feed must be mixed into the dry feed within 8 weeks of manufacture.  
\*Type B Liquid Medicated Feed can be manufactured containing 40.0 to 800.0 g of bambermycins/ton. Mixing directions into dry feed are as follows:  
Before feeding, the Type B Liquid Medicated Feed must be thoroughly mixed with other feed materials to make a complete feed (Type C Medicated Feed). Examples of addition rates to complete feeds are shown in the following table.

Bambermycins (g/ton) in Type B Liquid Medicated Feed	Addition Rate of Type B Liquid Medicated Feed (lb/ton) to Complete Feed	Bambermycins (g/ton) in Final Complete Feed (Type C Medicated Feed)
40.0	50.0	1.0
100.0	20.0	1.0
100.0	80.0	4.0
400.0	5.0	1.0
400.0	20.0	4.0
800.0	2.5	1.0
800.0	10.0	4.0

The complete dry feed (Type C Medicated Feed) may only be fed to cattle in confinement for slaughter and must be fed within one week after mixing.

**PASTURE CATTLE:**  
\*\*\*THE APPROVED DOSE IN PASTURE CATTLE IS 10 TO 40 MG OF BAMBERMYCINS/HDDAY. Daily intakes of bambermycins in excess of 20 mg/head/day have not been shown to be more effective than 20 mg/head/day.

**MIXING DIRECTIONS:**  
It is recommended that GAINPRO<sup>®</sup> 10 be diluted with a feed ingredient before addition to the supplemental feed. A dilution of 1 part of GAINPRO<sup>®</sup> 10 and 9 parts feed ingredient is the suggested working intermediate pre-blend. The table below shows examples of GAINPRO<sup>®</sup> 10 and working intermediate pre-blend addition levels and feeding rates.

**Pasture Cattle Feed**

Bambermycins in Feed g/ton	Making 1 to 3 Intermediate Pre-blend	Feed Ingredient to be added per ton	1 to 9 Intermediate Pre-blend to be added per ton	Feeding Rate (lb/head/day)
2	0.2	1.8	10	10
4	0.4	1.6	2	5-10
8	0.8	1.2	4	2.5-10
20	2.0	0.8	10	1-4
40	4.0	0.6	20	1-2
80	8.0	0.3	40	1

Thoroughly mix both working intermediate pre-blend and finished feed to ensure complete and uniform distribution of the GAINPRO<sup>®</sup> 10.  
To manufacture Type B medicated feeds containing 100.0 to 800.0 g/ton bambermycins mix 10 to 80 lbs. of GAINPRO<sup>®</sup> 10 with 1990 to 1920 lbs. of non-medicated feed.  
To manufacture Type C medicated feeds containing 2.0 to 80.0 g/ton bambermycins from Type B medicated feeds mix:  
40 to 1900 lbs. of Type B feed containing 100 g/ton bambermycins with 1960 to 400 lbs. of non-medicated feed, or  
5 to 200 lbs. of Type B feed containing 800 g/ton bambermycins with 1995 to 1800 lbs. of non-medicated feed.  
Thoroughly mix both Type B medicated feed and finished feed to ensure complete and uniform distribution of the GAINPRO<sup>®</sup> 10.

**FEEDING DIRECTIONS FOR HAND-FED TYPE C MEDICATED FEED:**  
Feed continuously in a hand-fed feed at a rate of 10 to 40 mg bambermycins per head per day. The drug must be contained in 1 to 10 lbs. of supplemental Type C Medicated feed containing 2 to 80 g bambermycins per ton. Daily intakes of bambermycins in excess of 20 mg/head/day have not been shown to be more effective than 20 mg/head/day.  
**TYPE C FREE-CHOICE MEDICATED FEED:**  
An FDA approved formula must be used to manufacture free-choice medicated feeds containing bambermycins. Feed mills that use a proprietary formula are required to be licensed.



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Rev. 03-2016

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