

HeifermaX[®] 500

for feedlot heifers



HeifermaX 500 is a liquid premix that increases rate of weight gain, improves feed efficiency and suppresses estrus (heat) in feedlot heifers

Estrus suppression

Performance

- Increased rate of weight gain
- Improved efficiency

Ease of use

- HeifermaX is a Type A medicated article and is to be mixed with feed prior to animal use; see label directions for mixing and usage information
- HeifermaX may also be fed in combination with other commonly used feed additives
- HeifermaX may be fed to heifers that have been implanted, and your Elanco sales representative can help you develop HeifermaX and implant programs to meet your business objectives

Safety information

- There is no pre-harvest withdrawal required in the United States
- Excessive contact with the skin should be avoided

The label contains complete use information, including cautions and warnings. Always read, understand and follow the label and use directions

All combinations should be verified for approval prior to use.

HeifermaX: Feedlot heifers

- For increased rate of weight gain, improved feed efficiency and suppression of estrus (heat): Feed 0.5 to 2.0 lb/hd/d in a Type C medicated feed to provide 0.25 to 0.5 mg of melengestrol acetate per head per day.

HeifermaX: Heifers intended for breeding

- For suppression of estrus (heat): Thoroughly mix HeifermaX Type A in the supplement to provide 0.5 mg of melengestrol acetate per head per day.
- Type B medicated feed containing 4 to 10 grams melengestrol acetate per ton may be manufactured by thoroughly mixing 8 to 20 lbs of HeifermaX 500 with 1,992 to 1,980 lbs of non-medicated feed. Labeling for such Type B feed shall contain directions for manufacturing Type C medicated feeds containing 0.25 to 2.0 grams melengestrol acetate per ton (0.125 to 1.0 mg/lb). The Type C medicated feed, containing melengestrol acetate, must be top dressed on grain or roughage or mixed with a complete ration at the rate of 0.5 to 2.0 lbs/hd/d.



HeifermaX[®] 500
Melengestrol Acetate



Liquid Premix (Type A Medicated Article)

Heifers Fed in Confinement for Slaughter: For Increased Rate of Weight Gain, Improved Feed Efficiency, and Suppression of Estrus (Heat).

Heifers Intended for Breeding: For Suppression of Estrus (Heat).

Each Pound Contains:

Active Drug Ingredient:

Melengestrol Acetate 500 mg
(as melengestrol acetate and its propylene glycol ketal)

Inactive Ingredient:

Propylene Glycol, U.S.P. 99.89%

Directions for Use:

Heifers Fed in Confinement for Slaughter:

HEIFERMAX™ 500 Liquid Premix (Type A Medicated Article) should be thoroughly mixed in liquid Type C medicated feed which must be fed at 0.5 to 2.0 pounds per head daily to provide 0.25 to 0.5 mg of melengestrol acetate per head per day. Average daily intakes approximating the middle of this range provide the most optimal and economical improvements in rate of weight gain and feed utilization. Constant daily intakes of 0.35 to 0.50 mg per head per day give a high degree of estrus suppression. Levels of 0.25 to 0.35 mg provide a lower but still effective degree of estrus suppression.

Heifers Intended for Breeding:

HEIFERMAX 500 Liquid Premix (Type A Medicated Article) should be thoroughly mixed in the supplement to provide 0.5 mg of melengestrol acetate per head per day.

**Not for human use. Restricted Drug — Use only as Directed (California)
CAUTION: Not effective in steers or spayed heifers.**

Heifers Fed in Confinement for Slaughter:

Withdrawal periods of three to five days or more should be avoided to prevent the possibility that the heifers may come into estrus (heat) at loading time.

Heifers Intended for Breeding:

Do not exceed 24 days of feeding of melengestrol acetate to heifers intended for breeding. A reduced conception rate can be expected if heifers are bred at estruses observed within 1 to 12 days after withdrawal of melengestrol acetate, whereas heifers bred at subsequent observed estruses are expected to have normal conception rates.

Mixing Directions:

Liquid Type B and C medicated feeds containing melengestrol acetate must have a pH of 4.0 to 8.0 and their labels must bear appropriate mixing directions. Mixing directions for liquid Type B or C feeds stored in recirculation tank systems are: "Recirculate immediately prior to use for no less than 10 minutes, moving not less than 1 percent of the tank contents from the bottom of the tank to the top. Recirculate daily, as directed in this paragraph even when the Type B (or C) feed is not used." Mixing directions for liquid Type B and C feeds stored in mechanical, air or other agitation-type tank systems are: "Agitate immediately prior to use for not less than 10 minutes, creating a turbulence at the bottom of the tank that is visible at the top. Agitate daily, as directed in this paragraph, even when the Type B (or C) feed is not used."

Intermediate premixes should not be made from HEIFERMAX 500 Liquid Premix (Type A Medicated Article) except as a part of a continuous mixing operation to make a complete liquid Type B or C medicated feed.

Thoroughly mix 0.5 to 4 pounds of HEIFERMAX 500 Liquid Premix (Type A Medicated Article) per ton of a non-medicated feed to prepare a Type C medicated feed containing 0.25 to 2.0 grams of melengestrol acetate per ton. The following table may be used as a guide in determining the amount of HEIFERMAX 500 Liquid Premix (Type A Medicated Article) to be added to prepare a ton of Type C medicated feed.

Net Weight 40 Pounds (18 kg) (4.627 gal [17.5 L])

Amount of Type C Feed Fed (lb/head/day)	Melengestrol Acetate (mg/head/day)	HEIFERMAX 500 Liquid Premix Per Ton of Type C Feed	
		When Added by Weight (lb)	When Added by Volume (mL)
0.5	0.25	2.00	876
0.5	0.30	2.40	1051
0.5	0.35	2.80	1226
0.5	0.40	3.20	1402
0.5	0.45	3.60	1577
0.5	0.50	4.00	1752
1.0	0.25	1.00	438
1.0	0.30	1.20	526
1.0	0.35	1.40	613
1.0	0.40	1.60	701
1.0	0.45	1.80	788
1.0	0.50	2.00	876
1.5	0.25	0.66	289
1.5	0.30	0.80	350
1.5	0.35	0.93	407
1.5	0.40	1.07	469
1.5	0.45	1.20	526
1.5	0.50	1.33	582
2.0	0.25	0.50	219
2.0	0.30	0.60	263
2.0	0.35	0.70	307
2.0	0.40	0.80	350
2.0	0.45	0.90	394
2.0	0.50	1.00	438

Type B medicated feed containing 4 to 10 grams melengestrol acetate per ton may be manufactured by thoroughly mixing 8 to 20 lbs of HEIFERMAX 500 Liquid Premix with 1992 to 1980 lbs of non-medicated feed. Labeling for such Type B feed shall contain directions for manufacturing Type C medicated feeds containing 0.25 to 2.0 grams melengestrol acetate per ton (0.125 to 1.0 mg/lb). The Type C medicated feed, containing melengestrol acetate, must be top dressed on grain or roughage or mixed with a complete ration at the rate of 0.5 to 2.0 pounds per head per day.

Good manufacturing practice regulations must be adhered to in manufacturing feeds containing HEIFERMAX 500.

Caution: For manufacturing, processing, or repacking. To be mixed with feed prior to animal use. Use only as directed. Excessive contact with skin should be avoided. Destroy empty container. Do not reuse.

Store at room temperature

ANADA 200-343, Approved by FDA

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