# MGA® 200

***Type A Medicated Article***

## Product Description

MGA® (melengestrol acetate) Type A Medicated Article is an in-feed product for the suppression of estrus (heat) in beef and dairy heifers. In beef heifers confined for slaughter, MGA can be mixed with feed to increase rate of weight gain and improve feed efficiency. MGA 200 is a synthetic progestin containing 200 mg of melengestrol acetate per pound of product.

## Indications for Use

- Growing beef heifers fed in confinement for slaughter: For increased rate of weight gain, improved feed efficiency, and suppression of estrus (heat).
- Replacement beef and dairy heifers: For suppression of estrus (heat).

## FDA Status

- Category I drug and does not require a feed mill license for manufacture of medicated feeds.
- No Veterinary Feed Directive (VFD) required.
- Approved for use in combination with:
  - **Beef**: Actogain® + Monensin; Actogain + Monensin + Tylosin; Aureomycin®; Aureomycin + Bovatec®; Bovatec; Bovatec + Tylosin; Experior™; Experior + Rumensin®; Experior + Rumensin + Tylan®; Monensin; Monensin + Tylosin; Tylosin.*†
  - **Dairy**: Aureomycin; Aureomycin + Bovatec.†

## Key Points

- Effective at suppressing estrus in heifers.
- Improves feed conversion and average daily gain in beef heifers fed in confinement for slaughter.
- No negative impact on feed intake.[1]
- Suppresses heat cycles, which reduces riding/mounting and improves animal well being.
- Significantly reduces dark cutters and increases the percentage of cattle grading choice and prime.[1]
- No withdrawal period is required when used according to labeling.

## Packaging

- 50-pound multiwall paper bag with protective barrier ply.

*See reverse side for complete non-combination use directions, product claims and additional information on this product.*

* Monensin = Rumensin® or Monovet® 90; Tylosin = Tylan® or Tylovet®
† Combinations with Aureomycin, Tylan or Tylovet require a valid veterinary feed directive.

[1] Perret, et al., 2008. Can. Vet. Ther. 9(3):223-240.

## *Beef and Dairy Information:* MGA® 200 — Type A Medicated Article

| | |
|---|---|
| **Each Pound Contains: Active Drug Ingredient** | Melengestrol Acetate 200 mg |
| **Indications for Use** | For increased rate of weight gain, improved feed efficiency, and suppression of estrus (heat) in growing beef heifers fed in confinement for slaughter.<br>For suppression of estrus (heat) in replacement beef and dairy heifers. |
| **Directions for Use** | **Growing beef heifers fed in confinement for slaughter:**<br>MGA 200 (melengestrol acetate Type A medicated article) should be thoroughly mixed in the supplement 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 gain and feed utilization. Constant daily intakes of 0.35 to 0.5 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.<br>**Replacement beef and dairy heifers:**<br>MGA 200 should be thoroughly mixed in the supplement to provide 0.5 mg of melengestrol acetate per head per day. |
| **Additional Recommendations** | **Recommendations: Not effective in steers and spayed heifers.**<br>For increased rate of weight gain, improved feed efficiency, and suppression of estrus (heat) in growing beef heifers fed in confinement for slaughter.<br>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.<br>For suppression of estrus (heat) in replacement beef and dairy heifers.<br>Do not exceed 24 days of feeding of melengestrol acetate. 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** | Thoroughly mix 1.25 to 10 pounds of MGA 200 per ton of non-medicated feed to prepare a Type C medicated feed containing 0.25 to 2 grams of melengestrol acetate per ton. The following Table may be used as a guide in determining the amount of MGA 200 to be added to prepare a ton of Type C medicated feed. |

| Amount of Type C Medicated Feed Fed (lb/head/day) | Melengestrol Acetate (mg/head/day) | Pounds MGA 200 per Ton of Type C Medicated Feed |
|---|---|---|
| 0.5 | 0.25 | 5 |
| 0.5 | 0.3 | 6 |
| 0.5 | 0.35 | 7 |
| 0.5 | 0.4 | 8 |
| 0.5 | 0.45 | 9 |
| 0.5 | 0.5 | 10 |
| 1 | 0.25 | 2.5 |
| 1 | 0.3 | 3 |
| 1 | 0.35 | 3.5 |
| 1 | 0.4 | 4 |
| 1 | 0.45 | 4.5 |
| 1 | 0.5 | 5 |
| 1.5 | 0.25 | 1.67 |
| 1.5 | 0.3 | 2 |
| 1.5 | 0.35 | 2.33 |
| 1.5 | 0.4 | 2.67 |
| 1.5 | 0.45 | 3 |
| 1.5 | 0.5 | 3.33 |
| 2 | 0.25 | 1.25 |
| 2 | 0.3 | 1.5 |
| 2 | 0.35 | 1.75 |
| 2 | 0.4 | 2 |
| 2 | 0.45 | 2.25 |
| 2 | 0.5 | 2.5 |

Type B medicated feeds containing 4 to 10 grams melengestrol acetate per ton may be manufactured by thoroughly mixing 20 to 50 lbs of MGA 200 with 1,980 to 1,950 lbs of non-medicated feed. Labeling for such Type B feeds shall contain directions for manufacturing Type C medicated feeds containing 0.25 to 2 grams melengestrol acetate per ton (0.125 to 1 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 pounds per head per day. Good manufacturing practice regulations must be adhered to in manufacturing feeds containing MGA 200.

**WITHDRAWAL PERIOD:** No withdrawal period is required when used according to labeling.
**User Safety Warnings:** Not for use in humans. Keep out of reach of children.

Store in a Dry Place to Prevent Caking.
Store below 25°C (77°F), excursions permitted to 40°C (104°F).
Use only as directed. Excessive contact with skin should be avoided.
Destroy empty container. Do not reuse.
For further manufacturing only. Approved by FDA under NADA # 039-402

***To learn more about MGA® 200 talk with a Phibro expert at***

*800-677-4623 or visit www.pahc.com*