

# ALTRENOGEST (REGU-MATE®)

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- ▶ 15-day treatment regimen allows performance horses to compete at their best
- ▶ Provides safe, effective suppression of estrus in mares — 95% effective after 3 days of treatment.
- ▶ Use to schedule estrus and breeding to maximize breeding efficiency.
- ▶ Administer orally with dose syringe or by placing directly on feed.
- ▶ Regu-Mate® is contraindicated for use in mares having a previous or current history of uterine inflammation.
- ▶ Pregnant women or women who suspect they are pregnant should not handle Regu-Mate®.

# MEDROXYPROGESTERONE ACETATE (DEPO-PROVERA<sup>®</sup>)

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- ▶ Synthetic progestin.
- ▶ FDA approved for use in women.
- ▶ Administered to control ovulation.
- ▶ Used for postmenopausal hormonal replacement therapy.
- ▶ Administered every 12 weeks as an intramuscular injection.
- ▶ Used for chemical castration in human sex offenders

# NOMENCLATURE

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Depo-Provera® = Medroxyprogesterone Acetate

Regu-Mate® = Altrenogest

# CONTROLLING LH LEVELS?

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- ▶ Based on scientific research, Depo-Provera® does not suppress LH levels in horses
- ▶ Regu-Mate® suppresses LH levels
  - In mares = reduces estrogen
  - In male horses = reduces testosterone

# GABA EFFECT

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- ▶ Depo-Provera® impacts GABA receptors like tranquilizers
  - GABA receptors are extremely similar across mammalian species
  - Research demonstrates GABA effect on other mammals
- Veterinarian and member feedback supports GABA impact on horses through observed calming effect