

# 23+ Reasons to GROW with cattle implants



Grow, earn and save **MORE** with a **23+ pound** weight advantage.

Healthy growing cattle are the key to success in any operation. Implants maximize cattle gain by allowing cattle to reach their genetic potential. Implants can be given on or off-the-cow and at each stage of the production process. If given at each stage of production, an additional 195 lbs. can be added over the course of the animals life.<sup>1</sup>



- RALGRO® (zeranol implants) increases ADG in all production phases.
- Calves 2 months of age or older, weaned calves grazing, cattle in a dry lot and a feedlot implanted with RALGRO® (zeranol implants) have an increase in ADG.



- Specifically designed for cattle grazing pastures.
- REVALOR®-G (trenbolone acetate and estradiol implants) increases weight gain in cattle grazing pastures.

## Sustainability

With every wheel of growth implant, cow/calf producers conserve valuable land and water resources. The use of implants improves the efficiency of beef production, which means fewer natural resources like water, corn and land are needed to raise beef.<sup>2</sup>



**22,000** Gallons of Water Saved<sup>2</sup>



**3,684** Pounds of Feed Saved<sup>2</sup>

<sup>1</sup>Capper J.L. 2013. The environmental and economic impact of steroid implant and beta-adrenergic agonist use within U.S. beef production. In: Proceedings of the ADSA-ASAS Joint Annual Meeting, Indianapolis, IN, USA.

<sup>2</sup>Data derived from: Capper, J. L. 2013. The environmental and economic impact of steroid implant and beta-adrenergic agonist use within US beef production. ADSA/ASAS Joint Annual Meeting held in Indianapolis, IN, USA on July 11th-15th, 2013. Robert Kallenbach, University of Missouri, published, October 26, 2010.

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1 x 24 dose UIN: 067089  
UPC: 5017363035728

10 x 24 dose UIN: 067110  
UPC: 5017363035711

Implant Gun UIN: 065481  
UPC: 300615076019

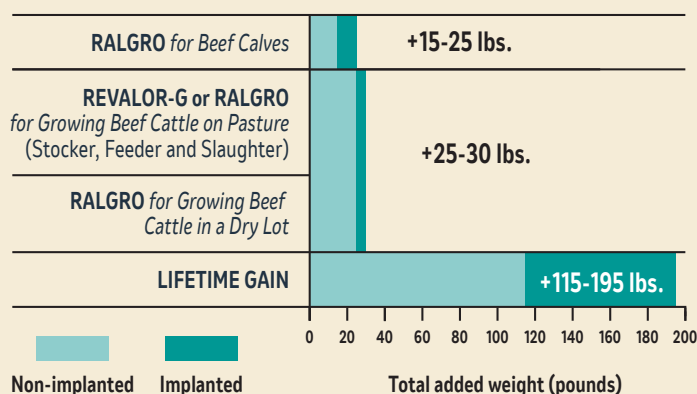
## Grow More

A 23-trial summary comparing the weaning weight gain of 2,358 suckling calves showed an average **23-lb. weaning weight advantage** (163 days) with those implanted with RALGRO® (zeranol implants) over non-implanted controls.<sup>3</sup>

RALGRO® (zeranol implants) has been tested in 53 trials with 4,070 suckling calves.<sup>4</sup> Compared to the closest competitor, **RALGRO® (zeranol implants) calves averaged a 3-lb. gain over Synovex® calves** – a \$5.25 per head advantage at \$1.75/cwt.

## Earn More

When the right implants are used - matching dose to weight, maturity and growth rate - a return on investment can be achieved during each phase of production. **See below:**



10 x 10 dose UIN: 126547  
UPC: 00021784811002

Implant Gun UIN: 155012

## Grow More

While on pasture, cattle implanted with REVALOR®-G (trenbolone acetate and estradiol implants) gain an average of **23 extra pounds** with no negative effects on subsequent feedlot performance.<sup>5</sup>



## The Right Safety

REVALOR®-G (trenbolone acetate and estradiol implants) shows no negative side effects in both steers and heifers and comes without a caution statement.<sup>6</sup>



## The Right Timeline

The typical stocker grazing period is 150 days. One REVALOR®-G (trenbolone acetate and estradiol implants) implant improves grazing performance for 150 days.<sup>7</sup>



## Any Pasture, Any Season

Cattle implanted with REVALOR®-G (trenbolone acetate and estradiol implants) significantly outgained those not implanted even on low-nutrition, dormant winter pasture.<sup>8</sup>

<sup>3</sup>Data on file, Merck Animal Health.

<sup>4</sup>Data on file, Merck Animal Health.

<sup>5</sup>Data on file, Merck Animal Health.

<sup>6</sup>Based on label claims.

<sup>7</sup>Data on file, Merck Animal Health.

<sup>8</sup>Ackerman CJ, Paisley SI, II, Purvis HT, Horn GW, Karges BR. Effect of a Revalor-G Implant and Source of Supplemental Protein on Weight Gain of Steers Wintered on Dormant Tallgrass Prairie or Old World Bluestem. 1997 Research Report. Oklahoma State University Department of Animal and Food Sciences. Available at: [http://afs.okstate.edu/research\\_reports/1997rr/015.htm](http://afs.okstate.edu/research_reports/1997rr/015.htm). Accessed July 16, 2019.

### IMPORTANT SAFETY INFORMATION:

**RALGRO® (zeranol implants):** Not for use in humans. Keep out of reach of children. No withdrawal period is required when used according to labeling. Do not use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in replacement beef heifers after weaning or in dairy cows or replacement dairy heifers. Use in these cattle may cause drug residues in milk and/or calves born to these cows. Implant pellets subcutaneously in ear only. Any other location is a violation of Federal law. Do not attempt salvage of implanted site for human or animal food. Not approved for repeated implantation (reimplantation) with this or any other cattle ear implant within a single production phase as safety and effectiveness have not been evaluated. For complete safety information, refer to the product label.

**REVALOR®-G (trenbolone acetate and estradiol implants):** Not to be used in animals intended for breeding, dairy animals, or veal calves. Implant in ear only. Any other location is in violation of Federal Law. Not approved for repeated implantation (re-implantation) with this or any other cattle ear implant in growing beef steers and heifers on pasture (stocker, feeder, and slaughter). Safety and effectiveness following re-implantation have not been evaluated. Do not salvage implanted site for human or animal food. A withdrawal period has not been established for this product in pre-ruminating calves. Not for use in humans. For complete safety information, refer to the product label.