FEED ADDITIVE SOLUTIONS
FROM ZOETIS

THERE’S MORE TO GAIN.
YOUR SUCCESS DEPENDS ON YOUR GAINS.

Your operation is all about gain. More average daily gain. Greater gains in feed efficiency. And tangible gains in cattle health. All of which help boost your bottom line. So why let limited feed additive choices or technologies hold you back?

With Zoetis, you gain:

More choices — with the broadest range of feed additives on the market
More efficiency — to maximize performance from starting to finishing cattle
More support — with production specialists and nutritionists who can tailor solutions to your operation
More profits — by enhancing cattle health and maximizing feed efficiency and weight gains

ACTOGAIN® 45 (ractopamine hydrochloride)

Feeding ACTOGAIN® 45 in the last 28 to 42 days allows energy to be redirected to make more lean muscle and less fat, resulting in:

- Increased rate of weight gain
- Improved feed efficiency
- Increased carcass leanness*

In a study with more than 1,200 steers, cattle fed ACTOGAIN in the last 34 days demonstrated a dramatic increase in feed efficiency and carcass weight gain versus other feed additive combinations.¹

*When fed as a complete feed
AUREOMYCIN® TYPE A MEDICATED ARTICLE (chlortetracycline)

AUREOMYCIN® controls and treats bacterial pneumonia, controls anaplasmosis, treats bacterial enteritis and reduces the incidence of liver abscesses.

A study examined the effect of feeding AUREOMYCIN in a five-day course of therapy for the treatment of bacterial pneumonia after arrival at the feedlot versus feeding a ration alone. Cattle fed AUREOMYCIN demonstrated:

- Reduced morbidity, which decreased the need for use of antibiotics in the treatment of bovine respiratory disease.
- Reduction of antibiotics, such as macrolides and fluoroquinolones that were deemed critically more important under FDA Guidance 152, is important in an overall responsible use plan. Chlortetracycline is considered in the lower category of medically important antibiotics.

Two other studies examined the impact of chlortetracycline feeding upon resistance emergence in samples from the digestive tract under conditions and feeding periods common to current cattle husbandry practices. The presence of antibiotic-resistant genes did not differ between cattle treated with chlortetracycline and untreated cattle.

Caution: Federal law restricts medicated feed containing this veterinary feed directive (VFD) drug to use by or on the order of a licensed veterinarian.

AUREO S 700® TYPE A MEDICATED ARTICLE (chlortetracycline/sulfamethazine)

This 28-day therapy helps newly weaned, stressed or incoming cattle maintain weight gain in the face of respiratory disease.

In a feedlot study, cattle fed AUREO S 700® during the first 28 days demonstrated statistically less morbidity \( (p = 0.0014) \), chronic illness \( (p = 0.0009) \) and a trend to less mortality \( (p = 0.2501) \) when compared with cattle receiving a conventional ration alone.

Caution: Federal law restricts medicated feed containing this VFD drug to use by or on the order of a licensed veterinarian.

BOVATEC® (lasalocid sodium)

BOVATEC® boosts feed efficiency, increases rate of weight gain and controls coccidiosis, but unlike Rumensin®, it:

- Requires no step-up program
- Is approved for feeding in combination with AUREOMYCIN
- Won’t compromise feed intake

A large pen study demonstrated that cattle fed BOVATEC showed equal feed efficiency to those fed Rumensin, but had significantly greater total gains \( (p > 0.05) \), average daily gains (ADG) \( (p > 0.05) \) and feed intake \( (p < 0.05) \), especially for starting cattle.

Caution: Federal law restricts medicated feed containing this VFD drug to use by or on the order of a licensed veterinarian.

When BOVATEC is fed in combination with AUREOMYCIN, a veterinary feed directive is required.

*Research shows BOVATEC compromised feed intake compared to no ionophore, but BOVATEC still encourages a significantly higher feed intake than Rumensin.
CATTLYST® (*laidlomycin propionate potassium*)
Studies have demonstrated CATTLYST® helps improve feed efficiency and delivers superior weight gains to Rumensin®, without the need for a step-up program.

A pooled analysis showed that compared with cattle fed Rumensin and Tylan®, those fed CATTLYST with AUREOMYCIN to help control BRD delivered:
- +15.3 lb. live weight
- +8.7 lb. hot carcass weight

Results from a meta-analysis showed that compared with steers fed Rumensin, with or without Tylan, those fed CATTLYST, with or without AUREOMYCIN, demonstrated:
- +11.82 lb. hot carcass weight
- +0.11 lb. ADG
- +0.64 lb./day feed intake

When CATTLYST is fed in combination with AUREOMYCIN, a veterinary feed directive is required.

DECCOX® (*decoquinate*)
As a nonantibiotic feed additive, DECCOX® helps prevent coccidiosis in cattle that often have compromised immune systems.

In a field trial, compared with heifers fed their ration alone, those fed DECCOX demonstrated:
- No signs of scouring vs. 70% of control calves with signs of scouring
- Because DECCOX helped reduce scouring, calves demonstrated:
  - + 15.7 pounds of total gain
  - +0.28 lb./day

MGA® (*melengestrol acetate*)
It’s the only feed additive that suppresses heat in feedlot heifers while improving feed efficiency and increasing weight gain.

In a study, heifers were fed MGA® or their ration alone from Day 28 to slaughter. Those fed MGA demonstrated:
- +29 lb./head
- +19 lb. carcass weight
## MORE FEED ADDITIVES TO FIT YOUR UNIQUE NEEDS

No other animal health supplier offers you a broader range of cattle feed additives to help you achieve better health and performance in your operation.

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*Combinations with AUREOMYCIN, CHLORMAX, Tylan, oxytetracycline or Tylovet require a valid veterinary feed directive.
COUNT ON THE INDUSTRY’S LARGEST SUPPORT TEAM

You can rely on Zoetis as a resource to help improve your operation’s health and productivity. With a team of livestock production specialists and nutritionists, Zoetis can help tailor a feeding program to your operation and help you successfully implement veterinary feed directives (VFDs) when needed.

There is a lot to gain with Feed Additive Solutions from Zoetis. Talk to your nutritionist or Zoetis representative or visit CattleFeedAdditives.com.

IMPORTANT SAFETY INFORMATION:

Do not use ACTOGAIN® in animals intended for breeding. Refer to label for complete directions for use, precautions, and warnings.

Withdraw AUREO S 700® seven (7) days prior to slaughter. Do not use in calves to be processed for veal.

Do not use AUREOMYCIN® in calves to be processed for veal.

Do not use DECCOX® in calves to be processed for veal. Do not allow horses or other equines access to feeds containing CATTLYST®. Do not use in animals intended for breeding.

Do not use BOVATEC® in calves to be processed for veal. Do not allow horses or other equines access to feeds containing lasalocid, as ingestion may be fatal. Feeding undiluted or mixing errors resulting in excessive concentrations of lasalocid could be fatal to cattle and sheep.