

Growth Enhancing Technologies (G.E.T.s)

WHERE DO I START?

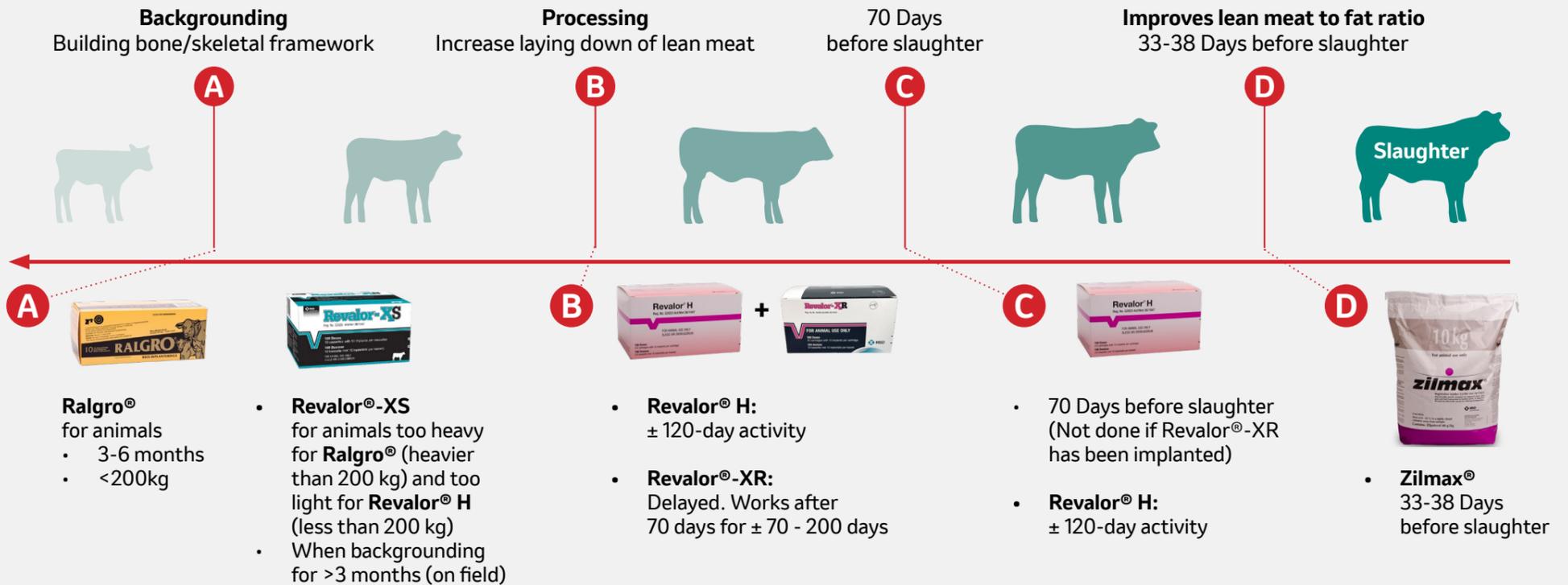
1
Go
"Back to the Future"



2
Determine the
end-point: What
am I marketing?



3
Work
backwards
from there



Growth Enhancing Technologies

Product Solutions

RALGRO® CATTLE



3 pellets each containing 12 mg Zeranol

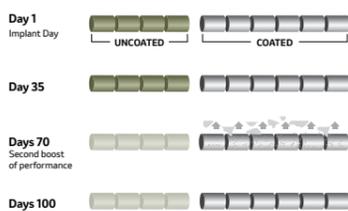


- For suckling calves from ages 3-4 months
- Replacement heifers AFTER selection for future breeding at weaning age (7 months)
- Can be used as first implant in lightweight feedlot calves
- Used in cull cows (non pregnant) entering the feedlot in winter after their calves have been weaned
- NOT to be used in mature bulls intended for breeding
- Approximately 90 days activity

REVALOR®-XS



REVALOR® XS is a combination anabolic growth promoter that uses a patented coating technology to provide extended and delayed release of the active ingredients



- For implantation of cattle in the backgrounding phase and on an extended feeding period
- Used strategically to minimize the handling of cattle
- Delivers activity for up to 200 days
- Do not use in animals intended for breeding purposes
- One implant containing 200 mg trenbolone acetate and 40 mg 17 β-oestradiol is administered to each animal.
- The implant is administered by using the REVALOR® Automatic Implanter

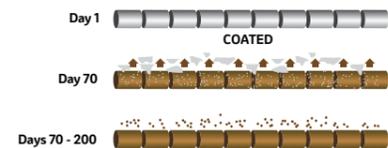
REVALOR®-XR



- REVALOR® XR is to be used in steers and heifers only.
- Do not use in heifers that are producing, or may in future, produce milk that may be used or processed for human consumption.
- Do not use in cattle under 6 months of age and cattle intended for breeding
- Each Revalor® XR implant consists of 10 delayed release coated pellets that take effect 10 days after implantation.

- Each pellet contains 20 mg trenbolone acetate and 2 mg oestradiol, adding up to 200 mg trenbolone acetate and 20 mg oestradiol per implant

- The unique polymer coating of the pellets dissolves at 70 days post implantation, which the active ingredients start taking effect



- REVALOR® XR gives you the benefits of a performance-based terminal implant without the hassle of re-handling.
- Reduces risk of injuries to cattle or workers
- Less stress on animals
- No reduction in feed intake
- Improved labour efficiency
- Growth responses for Revalor® XR (implanted on Day 0) are similar to that of a typical implant program when cattle are re-implanted with Revalor® H on Day 70

REVALOR® H



- REVALOR® H is a slow release anabolic growth promoter which induces the increased laying down of lean meat without increasing fat deposition in cattle (bulls, steers and heifers)

- It increases mass gain and improves feed conversion rate

- Developed to be used as a terminal implant for heifers in a feedlot for optimal fat grading

- May be used in bulls, steers and heifers in a feedlot

- Strategically used in re-implantation programs as the terminal implant

- Delivers activity for approximately 120 days

- Do not use in animals intended for breeding purposes

- One implant containing 200 mg trenbolone acetate and 20 mg 17 β-oestradiol is administered to each animal. The implant is administered by using the REVALOR® Automatic Implanter

ZILMAX®



- Non-steroidal growth stimulant for improved body mass gain and feed conversion in feedlot cattle. It improves the beef to fat ratio in the carcass by reducing fat deposition and increasing carcass mass

- Use only in feedlot cattle during the last 30 days in the final finishing stage prior to slaughter

- ZILMAX® is not to be used in the feeding of weaners or steers in the growing phase prior to introduction into a feedlot.

- The dosage of ZILMAX® is 3,125 mg ZILMAX®/kgBW/day. (BW = body weight)

- ZILMAX® should be mixed into feed at a level of 125 g per metric ton, to provide 6 g of zilpaterol per metric ton of total ration, so each animal consumes approximately 60 mg zilpaterol/head/day. Rations containing silage or other wet feeds should be corrected to a 90 % dry matter basis

Growth Enhancing Technologies

Profitability • Sustainability • Safety

RALGRO® CATTLE Reg. No. G1406 (Act 36/1947) Each pellet contains: Zeranol 12 mg (73.8 % m/m). Each implant contains: Zeranol 36 mg (3 pellets).

REVALOR®-XS Reg. No. G3925 (Act 36/1947) Each pellet contains: 20 mg trenbolone acetate and 4 mg 17 β-oestradiol. Each implant (dose) contains: 200 mg of trenbolone acetate and 40 mg 17 β-oestradiol (10 pellets).

REVALOR®-XR Reg. No. G4490 (Act 36/1947) Each implant (10 pellets) contains: 200 mg Trenbolone Acetate and 20 mg 17 β Oestradiol and each pellet is coated with a polymer for delayed and extended release of hormones.

REVALOR® S Reg. No. G2024 (Act 36/1947) Each pellet contains: 20 mg trenbolone acetate and 4 mg 17 β-oestradiol. Each implant (dose) contains: 140 mg of trenbolone acetate and 28 mg 17 β-oestradiol (7 pellets).

REVALOR® H Reg. No. G2023 (Act 36/1947) Each pellet contains: 20 mg trenbolone acetate and 2 mg 17 β-oestradiol. Each implant (dose) contains: 200 mg of trenbolone acetate and 20 mg 17 β-oestradiol (10 pellets).

ZILMAX® Reg. No. G2180 (Act 36/1947) Contains: Zilpaterol Hydrochloride 48 g/kg.

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