



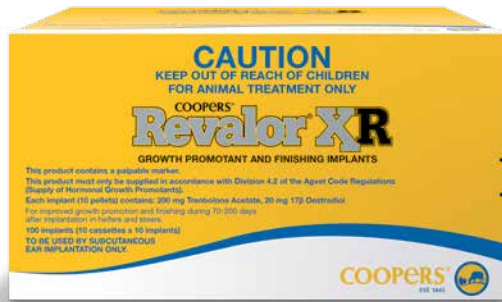
COOPERS® Revalor® XR

INNOVATIVE SOLUTION FOR HGP RE-IMPLANTING

**The first delayed and
extended release HGP implant
approved for use in Australia**



AVOID THE NEED TO RE-IMPLANT LATER USE REVALOR® XR AND REVALOR H



When used at the same time **REVALOR H** will commence releasing straight away whilst **REVALOR XR** has coated pellets that delays its release until day 70. This provides continuous growth promotion for up to 200 days. Only **REVALOR H** can be used concurrently with **REVALOR XR**.

Implanting with **REVALOR H** and **REVALOR XR** at the same time removes the need to re-implant at day 70 meaning:

1. Less stress on cattle.
2. No reduction in feed intake.
3. Improved labour efficiencies.
4. Don't need to handle cattle a second time – reduces risk of injuries to both cattle and workers.

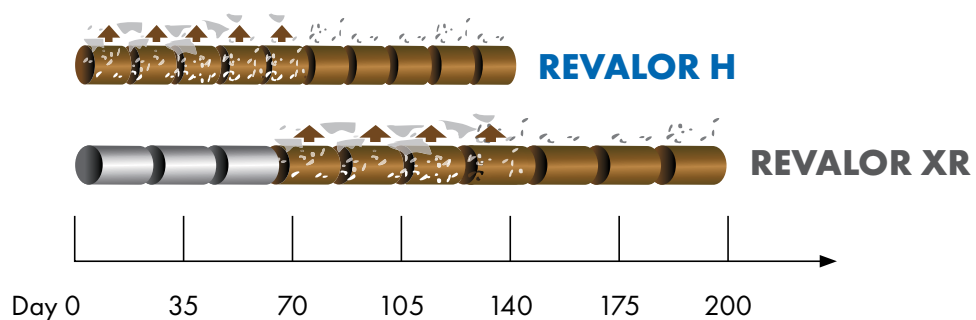


Figure 1: Schematic diagram illustrating the predicted release of hormones from Revalor H and Revalor XR over time after implantation of Revalor H concurrently with Revalor XR on Day 0

COOPERS® Revalor® XR

DESCRIPTION

COOPERS REVALOR XR GROWTH PROMOTANT AND FINISHING IMPLANTS

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.

FEATURES

- 200 mg Trenbolone Acetate, 20 mg 17 β Oestradiol.
- Hormone release is activated 70 days after implantation.
- Improved growth responses between days 70 - 200.
- Approved for use concurrently with Revalor H (200 mg Trenbolone Acetate, 20 mg 17 β Oestradiol).
- Growth responses continue when Revalor H has expired.

CLAIMS

For improved growth promotion and finishing during 70 - 200 days after implantation in heifers and steers.

THE SCIENCE BEHIND REVALOR XR: UNIQUE DELAYED EXTENDED RELEASE TECHNOLOGY

Each Revalor XR implant consists of 10 delayed and extended release coated pellets*.

Takes effect 70 days after implantation.

Each pellet contains 20 mg trenbolone acetate and 2 mg oestradiol.

Figure 2: Revalor XR – delayed release of hormones due to polymer coated pellets

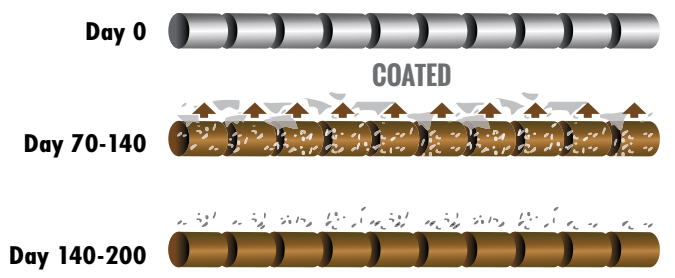
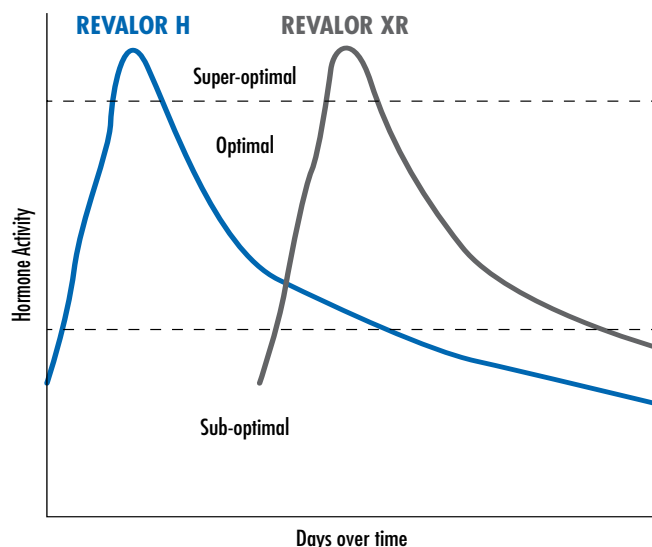


Figure 3: Schematic diagram illustrating the predicted activity of Revalor H and Revalor XR over time after implantation of both Revalor H and Revalor XR on Day 0

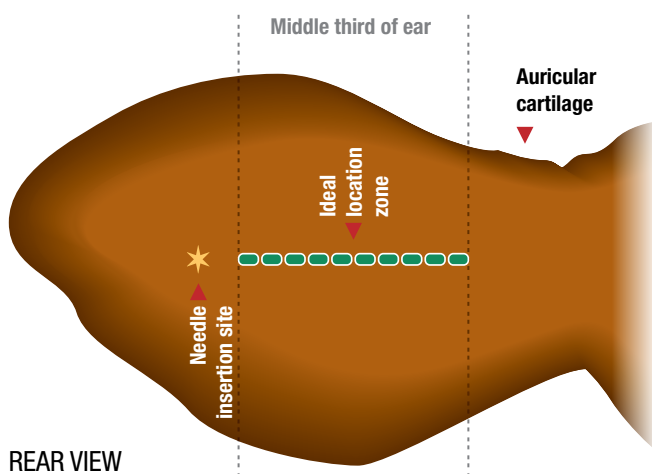
(Adapted and modified from: Mader, T. L. 1998. Implants. Vet. Clin. North Am. Food Anim. Pract. 14:279–290)



DIRECTIONS FOR USE

- Administer only one Revalor XR to an animal. Revalor XR can be used concurrently with Revalor H only.
- Subcutaneous ear implantation only and to be implanted in the opposite ear to Revalor H.
- To avoid abscess formation, ensure the skin on the outer surface of the ear and the needle on the implant gun are clean prior to implantation.
- Implant Revalor XR beneath the skin in the middle third of the back of the ear.
- Treated animals must be identified as having received a hormonal implant by use of an approved ear punch.

Figure 4: Correct site for HGP implantation



PRECAUTIONS

- To be used in steers and heifers only and 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.
- Do not use in cattle intended for breeding.
- Growth responses may vary widely for nutritional or other reasons. Improved performance may be noted only when conditions are favourable for good growth.
- Preputial prolapse, increased bulling activity, high tailheads, sunken loins, ventral oedema and udder development may occur as side effects of treatment. These side effects can be minimised by ensuring correct placement in the ear and adequate nutrition is available.

WITHHOLDING PERIOD

Meat – Zero (0) days.

EXPORT SLAUGHTER INTERVAL

Meat – Zero (0) days.

STORAGE

Store below 25°C (air conditioning). Protect from light.



Toll Free **1800 226 511**

www.coopersanimalhealth.com.au

* Each implant consists of 10 pellets with a specialized coating formula for delayed and extended release, i.e. active ingredients are not released for 70 days after implantation.

1 Smith, Z. K. et al. 2018 Evaluation of coated steroidal implants containing trenbolone acetate and estradiol-17 on live performance, carcass traits, and sera metabolites in finishing steers. J. Anim. Sci., Vol 96, 5: 1704-1723, <https://doi.org/10.1093/jas/sky095>

2 Mader, T. L. 1998. Implants. Vet. Clin. North Am. Food Anim. Pract. 14: 279-290

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