

<b>Product Name: Coopers Revalor ® 400</b>	<b>Page 1 of 9</b>
<b>Pack Sizes: 20I</b>	<b>Date: 16/08/2010</b>
<b>Description: Carton</b>	<b>APVMA: 48945/082010</b>
<b>Panel labels, text above the header and below the footer are not included in this label text.</b>	

**CAUTION  
KEEP OUT OF REACH OF CHILDREN  
FOR ANIMAL TREATMENT ONLY**

**COOPERS®  
REVALOR® 400**

**Growth promotant for grass fed heifers and steers**

**ACTIVE CONSTITUENTS:**

EACH IMPLANT (3 PELLETS) CONTAINS: 60 mg TRENBOLONE ACETATE  
12 mg 17  $\beta$  OESTRADIOL

*This product contains a palpable marker.*

*This product must only be supplied in accordance with Division 2 part 4 of the AgVet Regulations.*

*(Supply of Hormonal Growth Promotants)*

For improved growth promotion in grass fed heifers and steers.

Contents: 20 implants (2 cassettes x 10 implants)

TO BE USED BY SUBCUTANEOUS EAR IMPLANTATION ONLY

[coopers logo]



RLP  
Approved



<b>Product Name: Coopers Revalor ® 400</b>	<b>Page 2 of 9</b>
<b>Pack Sizes: 100I, 1000I</b>	<b>Date: 16/08/2010</b>
<b>Description: Carton</b>	<b>APVMA: 48945/082010</b>
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**This product contains a palpable marker.**

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***(Supply of Hormonal Growth Promotants)***

For improved growth promotion in grass fed heifers and steers.

One Coopers REVALOR® 400 implanted in growing steers or heifer will normally product significant liveweight gains when measure at 400 days (see full claim on side panel and leaflet details)

Contents: 100 implants (5 individual packs each with 2 foil packed cassettes x 10 implants)  
[ 1000 implants (10 foil packed cassettes x 10 implants)]

TO BE USED BY SUBCUTANEOUS EAR IMPLANTATION ONLY

[coopers logo]

<b>Product Name: Coopers Revalor ® 400</b>	<b>Page 3 of 9</b>
<b>Pack Sizes: 20I, 100I, 1000I</b>	<b>Date: 16/08/2010</b>
<b>Description: Carton Panel</b>	<b>APVMA: 48945/082010</b>
<b>Panel labels, text above the header and below the footer are not included in this label text.</b>	

**READ THE ENCLOSED LEAFLET BEFORE USING THIS PRODUCT.**

**DIRECTIONS FOR USE:**

To be used **ONLY** in accordance with the instructions on this label unless authorized under appropriate legislation.

**Restraints**

**FOR USE ONLY** in heifers and steers.

**DO NOT USE** in heifers which are producing or may in the future produce milk or milk products for human consumption.

**DO NOT USE** this product in any other species of animal.

**USE ONLY** one implant per heifer or steer.

**Implant ONLY** beneath the skin in the middle third of the ear.

**DO NOT** implant this product in any other site.

**DO NOT USE** this product on HGP free accredited cattle.

It is a breach of AQIS accreditation conditions to use this product on HGP free accredited cattle or to possess this product on any HGP free property (except for feedlots with flexible accreditation). Cattle implanted with this product must be individually identified with an approved ear punch mark.

**DO NOT** implant sooner than 70 days after last implant.

**PRECAUTIONS:**

Implanting cattle under 6 weeks of age **IS NOT** recommended.

Implanting cattle intended for breeding **IS NOT** recommended as they may experience decreased fertility.

Growth responses may vary widely for nutritional or other reasons. Improved performance may be noted only when conditions are favourable for good growth. Vaginal, rectal and preputial prolapse, increased bulling activity, high tailheads, sunken loins, ventral oedema and udder development may occur as side effects of treatment. To help avoid abscess formation at the site of the implant, the surface of the ear should be thoroughly cleaned and disinfected before implantation.

**ADMINISTRATION:**

Approved implantation technique is fully described in the enclosed leaflet.

**WITHHOLDING PERIOD:**

**MEAT: 0 days**

**MILK: DO NOT USE** in heifers which are producing or may in the future produce milk or milk products for human consumption.

**TRADE ADVICE:**

**EXPORT SLAUGHTER INTERVAL (ESI):** This product does not have an ESI established. For advice on the ESI, contact the manufacturer on 1800 226 511 before using this product.

**FIRST AID:**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26.

**DISPOSAL:**

**DO NOT** dispose of unused implants in any way other than surrender to an approved retailer/wholesaler. Dispose of empty cartridge by wrapping with paper and putting in garbage. Discarded needles should be placed in a designated "sharps" container.

**STORAGE:**

Store below 25°C (Air conditioning).

<b>Product Name: Coopers Revalor ® 400</b>	<b>Page 4 of 9</b>
<b>Pack Sizes: 20I, 100I, 1000I</b>	<b>Date: 16/08/2010</b>
<b>Description: Carton Panel</b>	<b>APVMA: 48945/082010</b>
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APMVA Approval No.: 48945/ 51059

Revalor ® is recommended for use in heifers and steers. It can be used during the growing or finishing phase and results in improved weight gain due to deposition of added lean meat. Growth response may vary widely for nutritional or other reasons. Good quality stock and good quality feed with adequate control of parasites and other diseases is a prerequisite for best results. Improved weight gain can be expected 90-100 days post implantation in good quality healthy stock on good nutrition. The increased growth in this period should be maintained when measured at 400 days. Repeat implantation can be carried out during the growing and finishing phase, however, repeat implantation must not be carried out sooner than 70 days. Other products may be more suitable for lot fed cattle.

Distributed by:

**COOPERS ANIMAL HEALTH**

**A division of Intervet Australia Pty.Ltd 91-105 Harpin Street**

**BENDIGO EAST VIC 3550**

**Phone: 1800 033 461**

Revalor ® is a Registered Trademarks

Batch No.:

Expiry Date:

<b>Product Name: Coopers Revalor ® 400</b>	<b>Page 5 of 9</b>
<b>Pack Sizes: 20I, 100I, 1000I</b>	<b>Date: 16/08/2010</b>
<b>Description: Leaflet</b>	<b>APVMA: 48945/082010</b>
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**CAUTION  
KEEP OUT OF REACH OF CHILDREN  
FOR ANIMAL TREATMENT ONLY**

**COOPERS®  
REVALOR® 400  
Growth promotant for grass fed heifers and steers**

**ACTIVE CONSTITUENTS:**

**EACH IMPLANT (3 PELLETS) CONTAINS: 60 mg TRENBOLONE ACETATE  
12 mg 17 $\beta$  OESTRADIOL**

**DIRECTIONS FOR USE LEAFLET:** To be read in conjunction with label affixed to outer package.

**Restraints**

**FOR USE ONLY in heifers and steers.**

**DO NOT USE in heifers which are producing or may in the future produce milk or milk products for human consumption.**

**DO NOT USE this product in any other species of animal.**

**USE ONLY one implant per heifer or steer.**

**Implant ONLY beneath the skin in the middle third of the ear.**

**DO NOT implant this product in any other site.**

**DO NOT USE this product on HGP free accredited cattle.**

**It is a breach of AQIS accreditation conditions to use this product on HGP free accredited cattle or to possess this product on any HGP free property (except for feedlots with flexible accreditation). Cattle implanted with this product must be individually identified with an approved ear punch mark.**

**DO NOT implant sooner than 70 days after last implant.**

**PRECAUTIONS:**

**Implanting cattle under 6 weeks of age IS NOT recommended.**

**Implanting cattle intended for breeding IS NOT recommended as they may experience decreased fertility.**

**Growth responses may vary widely for nutritional or other reasons. Improved performance may be noted only when conditions are favourable for good growth. Vaginal, rectal and preputial prolapse, increased bulling activity, high tailheads, sunken loins, ventral oedema and udder development may occur as side effects of treatment. To help avoid abscess formation at the site of the implant, the surface of the ear should be thoroughly cleaned and disinfected before implantation.**

**MODE OF ACTION:**

**Coopers REVALOR ® 400 is a combination of 2 growth promoting agents with differing modes of action. Trenbolone acetate is an anabolic steroid which is capable of increasing the accumulation of protein in animals by improving the nitrogen balance thus promoting the development of extra lean meat in the carcass.**

**17 B oestradiol is naturally occurring hormone which also acts as a growth promoter but in a totally different manner via the brain and pituitary gland.**

**When used in combination in heifers and steers, these compounds exert an additive effect, giving an improvement in growth rate and feed conversion superior to that of either component when used alone.**

<b>Product Name: Coopers Revalor® 400</b>	<b>Page 6 of 9</b>
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<b>Description: Leaflet</b>	<b>APVMA: 48945/082010</b>
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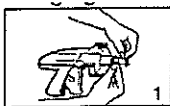
The increase in bodyweight is predominantly lean meat and not fat. This product is specifically designed and intended for heifers and steers only. Revalor® is recommended for use in heifers and steers. It can be used during the growing or finishing phase and results in improved weight gain due to deposition of added lean meat. Growth response may vary widely for nutritional or other reasons. Good quality stock and good quality feed with adequate control of parasites and other diseases is a prerequisite for best results. Improved weight gain can be expected 90-100 days post implantation in good quality healthy stock on good nutrition. The increased growth in this period should be maintained when measured at 400 days. Repeat implantation can be carried out during the growing and finishing phase, however, repeat implantation must not be carried out sooner than 70 days. Other products may be more suitable for lot fed cattle.

#### **DOSAGE:**

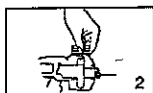
One implant is administered per animal in all cases. The 3 pellets which make up the implant of Coopers Revalor® 400 are contained in one division of the multiple cartridge. One implant is placed under the skin on the posterior aspect of the ear by mean of the special Intervet implant gun.

#### **ADMINISTRATION:**

The applicator: Place the needle into position and tighten the fixing knurled nut, it is possible to orientate the beveled edge of the needle into a convenient position with the bevel facing right for a right handed operator.



- a) Do not remove the cassette cover containing the implants.
- b) Insert the cassette into the upper aperture of the implant gun magazine (with the cover facing forwards).



- c) Press gently onto the cassette until a click is heard.
- d) The implant gun is ready for use.
- e) Ensure the skin on the outer surface of the ear is clean.
- f) Take hold of the animal's ear with your free hand (in the manner shown).

#### **SITE OF IMPLANTATION**



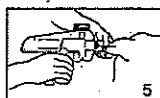
The administration should be made into the middle third of the back face of the ear, care being taken to avoid damaging large blood vessels or cartilage.

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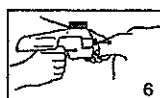


In order to prevent damage to the implant, do ear tagging first.

g) Introduce the needle under the skin, parallel with the cartilage. If blood vessels are damaged and bleeding occurs, change location.



h) Press gently and progressively on the trigger so that the dose is injected (first part of the stroke) and the needle removed (second part of the stroke). The shield that rests on the skin at the implantation site causes the needle to retract automatically.



The sequence of the two operations is automatic and continuous and ensures that the pellets are deposited evenly in a straight line without risk of crushing or pilling up under the skin without being crushed in the needle.

- i) Remove the remaining tip of the needle and release the trigger.
- j) The implant gun is ready for the next animal.

When all implants have been administered, the cassette will fall out of the bottom of the gun magazine allowing replacement with a new cassette.

It is possible to remove a cassette that still contains several doses. It can be ejected by applying slight pressure movements successively on the trigger until the cassette clears the magazine.

#### CONCURRENT ADMINISTRATION OF OTHER VETERINARY DRUGS

Other products e.g. anthelmintics, ecto-parasiticides or antibiotics may be applied concurrently with Coopers Revalor® 400.

Management practices such as ear tagging or branding should be carried out before implantation of Coopers Revalor® 400 to avoid damage to the implant.

#### WITHHOLDING PERIOD:

**MEAT: 0 days**

**MILK: DO NOT USE** in heifers which are producing or may in the future produce milk or milk products for human consumption.

#### TRADE ADVICE:

**EXPORT SLAUGHTER INTERVAL (ESI):** This product does not have an ESI established. For advice on the ESI, contact the manufacturer on 1800 226 511 before using this product.

#### FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 11 26.

#### DISPOSAL:

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Discarded needles should be placed in a designated "sharps" container.

**STORAGE:**

Store below 25°C (Air conditioning).

For further information contact:

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<b>Product Name: Coopers Revalor ® 400</b>	<b>Page 9 of 9</b>
<b>Pack Sizes: 20I, 100I, 1000I</b>	<b>Date: 16/08/2010</b>
<b>Description: Cassette Label</b>	<b>APVMA: 48945/082010</b>
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**FOR ANIMAL TREATMENT ONLY**

**COOPERS®  
REVALOR® 400**

**ACTIVE : 60 mg TRENBOLONE ACETATE  
12 mg 17  $\beta$  OESTRADIOL**

**CASSETTE OF 10 IMPLANTS (each implant consists of 3 pellets)**

[B]:

Exp: