Each implant consists of 43.9 mg estradiol
400 Day Controlled Release Implants

DESCRIPTION: Each Encore (estradiol implant) silicone rubber implant contains
43.9 mg estradiol and is coated with not less than 0.5 mg of oxytetracycline powder
as a local antibacterial.

For subcutaneous ear implantation in steers and heifers only.

INDICATIONS: For increased rate of weight gain in suckling and pastured growing steers;
for improved feed efficiency and increased rate of weight gain in confined steers and
heifers. Do not use in veal calves. Effectiveness and animal safety in veal calves have not
been established.

USE: An Encore Controlled Release Implant will provide an effective daily dose of estradiol
for at least 400 days. No additional effectiveness may be expected from reimplanting in
less than 400 days.

DIRECTIONS: Insert one implant under the skin of the ear as directed in this leaflet.

WHEN TO IMPLANT ENCORE:
Suckling steers
At castration or later
Pastured growing steers
At weaning or later
Finishing steers and heifers
At arrival in feedlot

WARNING: Keep out of reach of children.
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

EQUIPMENT:
A Compudose® (estradiol implant)
or Encore (estradiol implant)
Implanter must be used to
implant cattle.

DIRECTIONS FOR IMPLANTATION:
Insert one implant under the skin of the ear.
1. Confine animal in a squeeze chute.
2. To reduce the possibility of infection and resulting implant loss, hygienic and antisepic
procedures should be followed during implantation. The ear should be clean and dry.
The skin should be cleansed with a suitable antiseptic soap and dried prior to implanting.
This is particularly important if the ears are contaminated with urine or feces.
3. To load the Compudose/Encore Implanter
remove the cartridge from the package,
release the latch on the magazine, open
and insert the cartridge. (Figure 1)
Close the magazine and latch. Advance the
cartridge to the next implant by inserting the
thumb into the magazine opening and turning
the cartridge to the next stop.
Use a sharp needle. The needle should be
cleaned and sterilized between each injection by wiping the exterior with a sponge,
cloth, or gauze saturated with an appropriate disinfectant. The presence of excessive
moisture inside the needle may result in dissolving the oxytetracycline (OTC) from
the implant surface and contribute to accumulation of OTC inside the needle.
4. The implant should be deposited under the skin on the back side of the middle
third of the ear. It should be placed between the skin and cartilage, avoiding major
blood vessels.
Grasping the tip of the ear with one hand and the implanter in the other, penetrate the
skin in the outer third of the ear. (see Figure 2)

IMPORTANT: Do not penetrate cartilage.
5. Upon penetration, the needle should be fully inserted (Figure 3) between the skin
and cartilage, avoiding major blood vessels. Full insertion of the needle is important to
maximize implant retention.

6. Pull the needle back as the implant is being deposited by squeezing the lever on the
implanter grip. Figure 4 shows the implant in proper position in the middle third of the ear
where the skin is tight.

7. After repeated use, sufficient oxytetracycline (OTC) from the implant may accumulate
inside the needle to impede implant passage. Periodic removal of the needle from the
device and washing it in water will prevent such accumulation. Before reusing, the
needle should be disinfected and allowed to dry after shaking vigorously to remove
excess water or disinfectant.

Figure 1

Figure 3

Figure 4

8. If reimplantation is desired, it is not necessary to remove the existing Encore (estradiol
implant) implant. Place the second implant at the same level and parallel to, but not in
contact with the existing implant or place it in the unimplanted ear in accordance with
paragraphs 1-7 of these directions.

CAUTION: To maximize implant retention:
A. Fully insert the needle.
B. Deposit the implant in the middle third of the ear where the skin is tight.
C. Do not deposit the implant where the skin is loose in the third of the ear
closest to the head.
The needle has been scientifically designed to maximize retention. When it becomes dull,
use a new needle. If the needle is resharpened, sharpen only the point.

Failure to follow antisepic implanting procedures, particularly when the ears are
contaminated with fecal material, may result in infection and excessive implant loss.
Implanting cattle during wet weather may increase infection and implant loss.
Carefully check the ears for implant loss approximately 4 weeks after implantation. If loss
occurs, reimplant using recommended procedures.

CAUTION: Increased sexual activity (bulling, riding and excitability) has been reported in
animals implanted with Encore. Implanted animals should be observed for such signs
particularly during the first few days after implanting and animals being excessively ridden
(bullers) should be removed to prevent physical injury. Vaginal and rectal prolapse have
been reported in heifers implanted with Encore.

CAUTION: Do not use in animals intended for breeding purposes.

Side Effects: Ulcer development, swollen or enlarged vulva and high tailheads may be
observed in implanted heifers.

How Supplied: Encore Implants are supplied in cartridges of 20 implants each.

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