

HFA-305 Div. of Dockets  
Mgt.

Approval Date: OCT 28 2004

**FREEDOM OF INFORMATION SUMMARY**  
**SUPPLEMENTAL ABBREVIATED NEW ANIMAL**  
**DRUG APPLICATION**

**ANADA 200-221**

**COMPONENT TE-S, COMPONENT TE-IS, and COMPONENT TE-G**  
**(Trenbolone Acetate and Estradiol)**

**COMPONENT TE-S with TYLAN, COMPONENT TE-IS with TYLAN,**  
**and COMPONENT TE-G with TYLAN**  
**(Trenbolone Acetate and Estradiol with Tylosin)**

**This supplement provides for addition to the labeling of the statements “A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.” to the warning section and “Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.” immediately following the indications.**

**Sponsored by:**

**Ivy Laboratories**  
**Division of Ivy Animal Health, Inc.**  
**8857 Bond Street**  
**Overland Park, KS 66214**

FOIS

**FREEDOM OF INFORMATION SUMMARY**

COMPONENT TE-S, and COMPONENT TE-S with TYLAN  
Ear Implants for Steers Fed in Confinement for Slaughter

COMPONENT TE-IS and COMPONENT TE-IS with TYLAN  
Ear Implants for Steers Fed in Confinement for Slaughter

COMPONENT TE-G and COMPONENT TE-G with TYLAN  
Ear Implants for Pasture Cattle (Slaughter, Stocker, and Feeder Steers and Heifers)

***I. GENERAL INFORMATION:***

- a. File Number: ANADA 200-221
- b. Sponsor: Ivy Laboratories  
Division of Ivy Animal Health, Inc.  
8857 Bond Street  
Overland Park, KS 66214  
Drug Labeler Code: 021641
- c. Established Names: Trenbolone Acetate and Estradiol  
Trenbolone Acetate and Estradiol with Tylosin
- d. Propriety Names: COMPONENT TE-S  
COMPONENT TE-IS  
COMPONENT TE-G  
COMPONENT TE-S with TYLAN  
COMPONENT TE-IS with TYLAN  
COMPONENT TE-G with TYLAN
- e. Dosage Form: Implantation (ear implant) as per 21 CFR 522.2477

Freedom of Information Summary

ANADA 200-221, Trenbolone Acetate and Estradiol with or without Tylosin

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f. How Supplied:

COMPONENT TE-S: Each box contains 5 foil pouches each containing 1 cartridge belt with 20 cells. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 120 mg and estradiol USP 24 mg.

COMPONENT TE-S with TYLAN: Each box contains 5 foil pouches each containing 1 cartridge belt with 20 cells. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 120 mg and estradiol USP 24 mg with 29 mg tylosin tartrate as a local antibacterial.

COMPONENT TE-IS: Each box contains 5 foil pouches each containing 1 cartridge belt with 20 cells. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 80 mg and estradiol USP 16 mg.

COMPONENT TE-IS with TYLAN: Each box contains 5 foil pouches each containing 1 cartridge belt with 20 cells. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 80 mg and estradiol USP 16 mg with 29 mg tylosin tartrate as a local antibacterial.

COMPONENT TE-G: Each box contains 5 foil pouches each containing 1 cartridge belt with 20 cells. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 40 mg and estradiol USP 8 mg.

COMPONENT TE-G with TYLAN: Each box contains 5 foil pouches each containing 1 cartridge belt with 20 cells. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 40 mg and estradiol 8 USP mg with 29 mg tylosin tartrate as a local antibacterial.

g. How Dispensed:

OTC

Freedom of Information Summary  
ANADA 200-221, Trenbolone Acetate and Estradiol with or without Tylosin  
Page 3

- h. Amount of Active Ingredients:
- COMPONENT TE-S:  
120 mg trenbolone acetate.  
24 mg estradiol.
- COMPONENT TE-S with TYLAN:  
120 mg trenbolone acetate.  
24 mg estradiol.  
29 mg tylosin tartrate.
- COMPONENT TE-IS:  
80 mg trenbolone acetate.  
16 mg estradiol.
- COMPONENT TE-IS with TYLAN:  
80 mg trenbolone acetate.  
16 mg estradiol.  
29 mg tylosin tartrate.
- COMPONENT TE-G:  
40 mg trenbolone acetate.  
8 mg estradiol.
- COMPONENT TE-G with TYLAN:  
40 mg trenbolone acetate.  
8 mg estradiol.  
29 mg tylosin tartrate.
- i. Route of Administration: Subcutaneous implantation on the posterior aspect of the middle one-third of the ear by means of an implant gun.
- j. Species/Class:
- COMPONENT TE-S, COMPONENT TE-S with TYLAN, COMPONENT TE-IS and COMPONENT TE-IS with TYLAN: Steers Fed in Confinement for Slaughter
- COMPONENT TE-G and COMPONENT TE-G with TYLAN: Pasture Cattle (Slaughter, Stocker, and Feeder Steers and Heifers)

- k. Recommended Dosage: COMPONENT TE-S: One implant containing 120 mg trenbolone acetate and 24 mg estradiol USP.
- COMPONENT TE-S with TYLAN: One implant containing 120 mg trenbolone acetate and 24 mg estradiol USP with 29 mg tylosin tartrate.
- COMPONENT TE-IS: One implant containing 80 mg trenbolone acetate and 16 mg estradiol USP.
- COMPONENT TE-IS with TYLAN: One implant containing 80 mg trenbolone acetate and 16 mg estradiol USP with 29 mg tylosin tartrate.
- COMPONENT TE-G: One implant containing 40 mg trenbolone acetate and 8 mg estradiol USP.
- COMPONENT TE-G with TYLAN: One implant containing 40 mg trenbolone acetate and 8 mg estradiol USP with 29 mg tylosin tartrate.
- l. Pharmacological Category: Steroid hormone, anti-bacterial
- m. Indications: COMPONENT TE-S, COMPONENT TE-S with TYLAN, COMPONENT TE-IS, AND COMPONENT TE-IS with TYLAN: For increased rate of weight gain and improved feed efficiency.
- COMPONENT TE-G AND COMPONENT TE-G with TYLAN: For increased rate of weight gain.
- n. Effect of Supplement: This supplement provides for addition to the labeling of the statements "A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal." to the warning section and "Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established." immediately following the label indications.

## **2. DRUG EFFECTIVENESS:**

No new effectiveness data are required for the approval of this supplement. The products' effectiveness has been established in the Freedom of Information (FOI) Summaries for the parent abbreviated new animal drug applications for COMPONENT TE-S, COMPONENT

TE-S with TYLAN, COMPONENT TE-IS, COMPONENT TE-IS with TYLAN,  
COMPONENT TE-G, COMPONENT TE-G with TYLAN (ANADA 200221).

**3. TARGET ANIMAL SAFETY:**

No new target animal safety data are required for the approval of this supplement. The products' target animal safety has been established in the Freedom of Information (FOI) Summaries for the parent abbreviated new animal drug applications for COMPONENT TE-S, COMPONENT TE-S with TYLAN, COMPONENT TE-IS, COMPONENT TE-IS with TYLAN, COMPONENT TE-G, COMPONENT TE-G with TYLAN (ANADA 200221).

**4. HUMAN SAFETY:**

No new human food safety data are required for the approval of this supplement. The products' human food safety has been established in the Freedom of Information (FOI) Summaries for the parent abbreviated new animal drug applications for COMPONENT TE-S, COMPONENT TE-S with TYLAN, COMPONENT TE-IS, COMPONENT TE-IS with TYLAN, and COMPONENT TE-G, COMPONENT TE-G with TYLAN (ANADA 200221).

**5. AGENCY CONCLUSIONS:**

The information submitted in support of this ANADA satisfy the requirements of section 512 of the Federal Food, Drug, and Cosmetic Act and 21 CFR Part 514 of the implementing regulations providing for the addition to the labeling of the statements "A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal." to the warning section and "Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established." immediately following the indications. The labeling is modified to conform to agency policy (69 FR 135 pages 42443-42444 dated July 15, 2004, and 69 FR 68 page 18594 dated April 8, 2004.)

The Center for Veterinary Medicine has concluded that, for these products, adequate directions for use by the layperson have been provided and the products will have over-the-counter (OTC) status. Label directions are accompanied by pictorial diagrams and detailed instruction in plain language. The drugs are not controlled substances. The products' status remains OTC. The labeling is adequate for the intended use and has sufficient warnings/statements to prevent illegal use in veal calves.

This approval does not qualify for marketing exclusivity under section 512(c)(2)(F)(iii) of the Federal Food, Drug, and Cosmetic Act.

Under the Center's supplemental approval policy (21 CFR 514.106(b)(2)), this is a Category II change. The approval of this change is not expected to have any adverse effect on the safety or effectiveness of this new animal drug. Accordingly, this approval did not require a reevaluation of the safety and effectiveness data in the parent application.

COMPONENT TE-S with TYLAN, COMPONENT TE-IS with TYLAN, and COMPONENT TE-G with TYLAN are under the following US patent number:

<u>U.S. Patent Number</u>	<u>Date of Expiration</u>
5,874,098	May 28, 2017

**6. ATTACHMENTS:**

Facsimile Labeling is attached as indicated below:

COMPONENT TE-S Carton Label  
COMPONENT TE-S Foil Pouch (Front)  
COMPONENT TE-S Foil Pouch (Back)  
COMPONENT TE-S Package Insert  
COMPONENT TE-S with TYLAN Carton Label  
COMPONENT TE-S with TYLAN Foil Pouch (Front)  
COMPONENT TE-S with TYLAN Foil Pouch (Back)  
COMPONENT TE-S with TYLAN Package Insert  
COMPONENT TE-IS Carton Label  
COMPONENT TE-IS Foil Pouch (Front)  
COMPONENT TE-IS Foil Pouch (Back)  
COMPONENT TE-IS Package Insert  
COMPONENT TE-IS with TYLAN Carton Label  
COMPONENT TE-IS with TYLAN Foil Pouch (Front)  
COMPONENT TE-IS with TYLAN Foil Pouch (Back)  
COMPONENT TE-IS with TYLAN Package Insert  
COMPONENT TE-G Carton Label  
COMPONENT TE-G Foil Pouch (Front)  
COMPONENT TE-G Foil Pouch (Back)  
COMPONENT TE-G Package Insert  
COMPONENT TE-G with TYLAN Carton Label  
COMPONENT TE-G with TYLAN Foil Pouch (Front)  
COMPONENT TE-G with TYLAN Foil Pouch (Back)  
COMPONENT TE-G with TYLAN Package Insert

**Storage Conditions**

Store in a refrigerator 2°-8°C (36°-46°F) and protect from sunlight.  
Use before the expiration date.

**COMPONENT<sup>®</sup> TE-S**  
BRAND IMPLANTS

FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER

trenbolone acetate 120 mg  
and estradiol USP 24 mg



COMPONENT TE-S is a slow release anabolic agent containing trenbolone acetate and estradiol for increased rate of weight gain and improved feed efficiency.

Contents: 6 foil packages each containing 1 cartridge held with 30 coils. Each cartridge contains 1 implant dose. Each dose consists of trenbolone acetate, 120 mg, and estradiol, 24 mg.

Dosage: Administer 1 implant per animal. See package insert for detailed instructions. Do not use if voided valves.

Patented by Ivy Animal Health, Inc., ANADA 200-221. Approved by FDA.

100 IMPLANTS



**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 6 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**  
**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Note:** Studies have demonstrated that the administration of COMPONENT<sup>®</sup> TE-S can result in decreased marbling scores when compared to non-implanted steers.

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Manufactured by a non-sterilizing process.**

COMPONENT TE-S with Tylan is covered by U.S. Patent No. 5,874,098  
COMPONENT is a registered trademark of Ivy Animal Health, Inc.  
Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

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COMPONENT<sup>®</sup> TE-S  
trenbolone acetate 120 mg  
and estradiol USP 24 mg  
FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER

3.125"



1/4" Seal Area

9.5"

**COMPONENT**  
BRAND IMPLANTS

**TE-S**

trenbolone acetate 120 mg and  
estradiol USP 24 mg

**FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER**



TEAR HERE

COMPONENT TE-S is a slow release anabolic agent containing trenbolone acetate and estradiol, which increases rate of weight gain and improves feed efficiency.

**Contains:** One Cartridge Belt\* of 20 implants sealed in a sanitary foil pouch.

**Dosage:** Administer 1 implant per animal. See package insert for detailed instructions. Do not use in veal calves.

**Manufactured by a non-sterilizing process.**

\*Patented by Ivy Animal Health, Inc.

ANADA 200-221. Approved by FDA

One 20-Dose Cartridge Belt

18.875"

9.375"

TEAR HERE

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals.** Implant one dose — 6 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Note:** Studies have demonstrated that the administration of COMPONENT® TE-S can result in decreased marbling scores when compared to non-implanted steers.

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short-cuts at the expense of CLEANLINESS.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date.

COMPONENT is a registered trademark of Ivy Animal Health, Inc.

Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.  
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**COMPONENT®**  
BRAND IMPLANTS

**TE-S**

trenbolone acetate 120 mg and  
estradiol USP 24 mg



FOR STEERS FED  
IN CONFINEMENT  
FOR SLAUGHTER

**20 dose CARTRIDGE BELT\***

For use with the COMPONENT One Gun™\*\*  
For Use In Animals Only

Each CARTRIDGE BELT holds 20 doses of COMPONENT® TE-S implants. Each dose of 6 pellets contains a total of 120 mg of trenbolone acetate and 24 mg estradiol. COMPONENT TE-S Implants are recommended for use in steers fed in confinement for slaughter for INCREASED RATE OF WEIGHT GAIN AND IMPROVED FEED EFFICIENCY.

**INDICATIONS FOR USE:** This product contains trenbolone acetate and estradiol, which increases rate of weight gain and improves feed efficiency in a slow-release delivery system. Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

**NOTE:** Studies have demonstrated that the administration of COMPONENT TE-S can result in decreased marbling scores when compared to non-implanted steers.

**DOSAGE:** Administer 1 implant per animal according to the following instructions.

**GENERAL INSTRUCTIONS:** Study the instructions which should be followed carefully at all times, avoiding short cuts. Skin infection can be avoided by properly preparing implant site and implanter. During fly season use fly repellent on implant site. One designated team member should always do the implanting. Cleanliness of hands and instruments is important at all times.

**WARNING**

Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 6 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

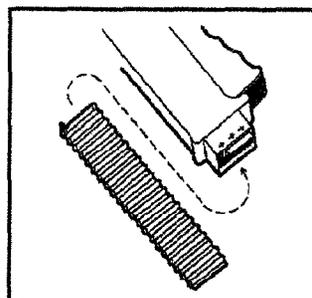
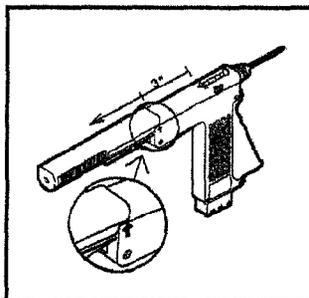
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) —  
FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE —  
KEEP OUT OF REACH OF CHILDREN**

**IMPLANTING INSTRUCTIONS:**

**Loading the Implanter**

Load the implanter following the instructions supplied with each implanter.



#### **Restrain the Animal**

Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.



#### **Prepare the Implant Site**

Scrub the back side of the ear (implant site) with a piece of clean absorbent-cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.



#### **Where to implant**

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear as illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring, farthest from the head. The location for insertion of the needle is a point toward the tip of the ear and at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.



#### **Insert the Needle**

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.

#### **Implant the Pellets**

After inserting the needle fully in the correct implant position, squeeze the trigger fully. As the needle is withdrawn from the ear, the controlled-pressure plunger action properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous-tissue underlying the skin. The length and total contact area of a single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain and may lead to undesirable side effects.

#### **Clean the Needle**

Clean the implanter needle with alcohol or a properly diluted germicidal solution prior to implanting the next animal.

#### **Storage Conditions**

Store in a refrigerator (2°-8°C; 36°- 48° F) and protect from sunlight. Use before the expiration date printed on foil pouch.

ANADA 200-221, Approved by FDA

**Manufactured by a non-sterilizing process.**

\*U.S. Patent No. 4,531,938

\*\*U.S. Patent Nos 4,762,515 & 5,522,797 - Ivy Animal Health, Inc.

COMPONENT and COMPONENT One Gun are registered trademarks of Ivy Animal Health, Inc.

Manufactured for **VetLife** by Ivy Laboratories.  
Overland Park, KS 66214, USA

VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

**Storage Conditions**

Store in a refrigerator 2°-8°C (36°-46°F) and protect from sunlight.  
Use before the expiration date.

# COMPONENT<sup>®</sup> TE-S

BRAND IMPLANTS

FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER



trenbolone acetate 120 mg and estradiol USP 24 mg with  
29 mg tylosin tartrate as a local antibacterial



COMPONENT TE-S is a slow release antibiotic agent containing trenbolone acetate and estradiol for use in steers up to 1400 lbs. It also contains tylosin tartrate as a local antibacterial. It is a non-sterilizing process.

Contents: 5 foil pouches each containing 7 cartridge cells with 20 pellets. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 120 mg and estradiol 24 mg with 29 mg tylosin tartrate as a local antibacterial.

Dosage: Administer 1 implant per animal. See package insert for detailed instructions. Do not use in veal calves.

Patented by Iy Animal Health, Inc. ANADA 200-220. Approved by FDA.

100 IMPLANTS



**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 7 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**  
**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Note:** Studies have demonstrated that the administration of COMPONENT<sup>®</sup> TE-S can result in decreased marbling scores when compared to non-implanted steers.

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE.

Never take short cuts at the expense of CLEANLINESS

Manufactured by a non-sterilizing process.

COMPONENT TE-S with Tylan is covered by U.S. Patent No. 5,874,098  
COMPONENT is a registered trademark of Iy Animal Health, Inc.  
Tylan is a registered trademark of Eli Lilly and Company.  
Manufactured for VetLife by Iy Laboratories • Overland Park, KS 66214, USA  
VetLife and Iy Laboratories are divisions of Iy Animal Health, Inc.

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Use With Gray  
Component  
One Gun<sup>®</sup> Only



COMPONENT<sup>®</sup> TE-S  
BRAND IMPLANTS  
FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER  
as a local antibacterial  
with 29 mg tylosin tartrate  
and estradiol USP 24 mg  
and trenbolone acetate 120 mg

3.125"



1/4" Seal Area

9.5"

# COMPONENT<sup>®</sup> TE-S

BRAND IMPLANTS

FOR STEERS FED IN CONFINEMENT FOR SLAUGHTER

trenbolone acetate 120 mg and estradiol USP 24 mg with 29 mg tylosin tartrate as a local antibacterial



**VetLife**

TEAR H

COMPONENT TE-S is a slow release anabolic agent containing trenbolone acetate and estradiol, for increased rate of weight gain and improved feed efficiency.

**Contains:** One Cartridge Belt<sup>™</sup> of 20 implants each sealed in a sanitary foil pouch. Each dose consists of trenbolone acetate 120 mg and estradiol USP 24 mg with 29 mg tylosin tartrate as a local antibacterial.

**Dosage:** Administer 1 implant per animal. See package insert for detailed instructions. Do not use in veal calves.

**Manufactured by a non-sterilizing process.**

<sup>™</sup> Patented by Ivy Animal Health, Inc. ANADA 200-221. Approved by FDA.



One 20-Dose Cartridge Belt

18.8/5"

9.375"

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 7 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Note:** Studies have demonstrated that the administration of COMPONENT® TE-S can result in decreased marbling scores when compared to non-implanted steers.

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Storage Conditions:** Store in a refrigerator 2°-8°C (36°-46°F) and protect from sunlight. Use before the expiration date.

COMPONENT is a registered trademark of Ivy Animal Health, Inc.  
 Tylan is a registered trademark of Eli Lilly and Company.  
 Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
 VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.  
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PURCHASE SEAL 20 IMPLANTS



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**COMPONENT**  
BRAND IMPLANTS

**VetLife**

# TE-S WITH Tylan.

FOR STEERS FED IN CONFINEMENT  
FOR SLAUGHTER

trenbolone acetate 120 mg and  
estradiol USP 24 mg with  
29 mg tylosin tartrate as a local antibacterial



## 20 dose CARTRIDGE BELT\*

For use with the COMPONENT One-Gun\*\*  
For Use In Animals Only

Each CARTRIDGE BELT holds 20 doses of COMPONENT® TE-S Implants for feedlot steers. Each dose of 7 pellets consists of 6 pellets containing a total of 120 mg of trenbolone acetate and 24 mg estradiol plus 1 pellet containing 29 mg tylosin tartrate as a local antibacterial. COMPONENT TE-S Implants are recommended for use in steers fed in confinement for slaughter for INCREASED RATE OF WEIGHT GAIN AND IMPROVED FEED EFFICIENCY.

**INDICATIONS FOR USE:** This product contains trenbolone acetate and estradiol, which increases rate of weight gain and improves feed efficiency in a slow-release delivery system. Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

**NOTE:** Studies have demonstrated that the administration of COMPONENT® TE-S can result in decreased marbling scores when compared to non-implanted steers.

**DOSAGE:** Administer 1 implant per animal according to the following instructions.

**GENERAL INSTRUCTIONS:** Study the instructions which should be followed carefully at all times, avoiding short cuts. Skin infection can be avoided by properly preparing implant site and implanter. During fly season use fly repellent on implant site. One designated team member should always do the implanting. Cleanliness of hands and instruments is important at all times.

### WARNING

Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 7 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

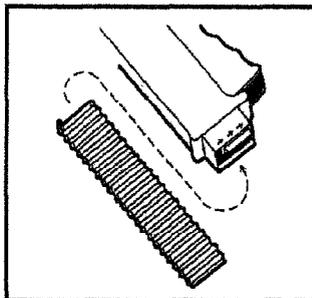
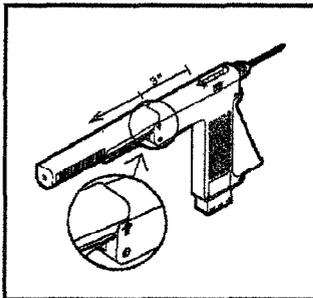
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) —  
FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE —  
KEEP OUT OF REACH OF CHILDREN

### IMPLANTING INSTRUCTIONS:

#### Loading the Implanter

Load the implanter following the instructions supplied with each implanter.



#### Restrain the Animal

Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.



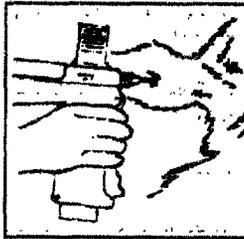
#### Prepare the Implant Site

Scrub the back side of the ear (implant site) with a piece of clean absorbent cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.



#### Where to Implant

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear as illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring farthest from the head. The location for insertion of the needle is a point toward the tip of the ear and at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.



#### Insert the Needle

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.

#### Implant the Pellets

After inserting the needle fully in the correct implant position, squeeze the trigger fully. As the needle is withdrawn from the ear, the controlled-pressure plunger action properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous-tissue underlying the skin. The length and total contact area of a single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain.

#### Clean the Needle

Clean the implanter needle with alcohol or a properly diluted germicidal solution prior to implanting the next animal.

#### Storage Conditions

Store in a refrigerator (2°-8°C; 36° to 46° F) and protect from sunlight. Use before the expiration date printed on foil pouch.

ANADA 200-221

Manufactured by a non-sterilizing process.

\*U.S. Patent No. 4,531,938

\*\*U.S. Patent Nos. 4,762,515 & 5,522,797 - Ivy Animal Health, Inc.

COMPONENT TE-S with Tylan is covered by U.S. Patent No. 5,874,098

COMPONENT and COMPONENT One Gun are registered trademarks of Ivy Animal Health, Inc.

Tylan is a registered trademark of Eli Lilly and Company.

Manufactured for VetLife by Ivy Laboratories.

Overland Park, KS 66214, USA

VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight.  
Use before the expiration date.

# COMPONENT<sup>®</sup> TE-IS

BRAND IMPLANTS

FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER

trenbolone acetate 80 mg and  
estradiol USP 16 mg



COMPONENT TE-IS is a transdermal trenbolone acetate and estradiol formulation that provides a steady, controlled release of active ingredients into the bloodstream, resulting in a steady, controlled release of active ingredients into the bloodstream.

**Contents:** 5 pre-disposed each containing 1 cartridge cell with 20 pellets. Each cartridge cell contains 1 implant dose. Each cartridge cell contains 1 implant dose. Each dose consists of trenbolone acetate 80 mg and estradiol 16 mg.

**Dosage:** Administer 1 implant per animal. See package insert for detailed instructions. Do not use in oral calves.

Manufactured by Iry Animal Health, Inc. ANADA 200-221. Approved by FDA.

100 IMPLANTS



**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 4 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**  
**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Manufactured by a non-sterilizing process.**

COMPONENT and COMPONENT One Gun are registered trademarks of Iry Animal Health, Inc.  
Manufactured for VetLife by Iry Laboratories • Overland Park, KS 66214, USA  
VetLife and Iry Laboratories are divisions of Iry Animal Health, Inc.

01 09 03 01

FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER

trenbolone acetate 80 mg  
and estradiol USP 16 mg

COMPONENT<sup>®</sup> TE-IS

3.125"



9.5"

# COMPONENT<sup>®</sup> TE-IS

BRAND IMPLANTS

FOR STEERS FED IN CONFINEMENT FOR SLAUGHTER



trenbolone acetate 80 mg  
and estradiol USP 16 mg

↑ TEAR HERE

COMPONENT TE-IS contains trenbolone acetate and estradiol for increased rate of weight gain and improved feed efficiency in a slow-release delivery system.

Contains: One Cartridge Belt of 20 implants sealed in a sanitary foil pouch.

Dosage: Administer 1 implant per animal. See package insert for detailed instructions. Do not use in feed calves.

Manufactured by a non-sterilizing process.

† Patented by Icy Animal Health, Inc., ANADA 200-221. Approved by FDA.



One 20-dose Cartridge Belt

1/4" Seal Area

18.875"

9.375"

TEAR HERE

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 4 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date.

COMPONENT is a registered trademark of Ivy Animal Health, Inc.

Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

01 09 02 01

PURCHASE SEAL 20 IMPLANTS



EXP

LOT

GENESIS 1999032  
BLACK

**COMPONENT®**  
BRAND IMPLANTS



# TE-IS

**FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER**

trenbolone acetate 80 mg and  
estradiol USP 16 mg

## 20-dose Cartridge Belt\*

For use with the COMPONENT One Gun\*\*  
**For Use In Animals Only**

Each CARTRIDGE BELT holds 20 doses of COMPONENT® TE-IS Implants. Each dose of 4 pellets contains a total of 80 mg of trenbolone acetate and 16 mg estradiol. COMPONENT® TE-IS Implants are recommended for use in steers fed in confinement for slaughter for **INCREASED RATE OF WEIGHT GAIN AND IMPROVED FEED EFFICIENCY.**

**INDICATIONS FOR USE:** This product contains trenbolone acetate and estradiol for increased rate of weight gain and improved feed efficiency in a slow-release delivery system. Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

**DOSAGE:** Administer 1 implant per animal according to the following instructions.

**GENERAL INSTRUCTIONS:** Study the instructions which should be followed carefully at all times, avoiding short cuts. Skin infection can be avoided by properly preparing implant site and implanter. During fly season use fly repellent on implant site. One designated team member should always do the implanting. Cleanliness of hands and instruments is important at all times.

### WARNING

Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 4 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. **DO NOT** attempt to salvage implantation site for animal feed or human food.

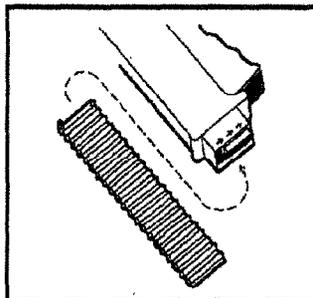
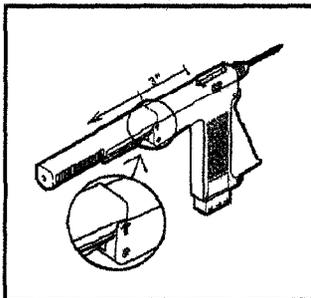
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) —  
FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE —  
KEEP OUT OF REACH OF CHILDREN**

### IMPLANTING INSTRUCTIONS:

#### Loading the Implanter

Load the implanter following the instructions supplied with each implanter.



#### Restrain the Animal

Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.



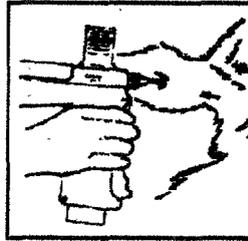
#### Prepare the Implant Site

Scrub the back side of the ear (implant site) with a piece of clean absorbent cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.



#### Where to Implant

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring farthest from the head. The location for insertion of the needle is a point toward the tip of the ear at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.



#### Insert the Needle

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.

#### Implant the Pellets

After inserting the needle fully in the correct implant position squeeze the trigger fully. As the needle is withdrawn from the ear, the controlled-pressure plunger action properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous-tissue underlying the skin. The length and total contact area of a single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain.

#### Clean the Needle

Clean the implanter needle with alcohol or a properly diluted germicidal solution prior to implanting the next animal.

#### Storage Conditions

Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date printed on the foil pouch.

ANADA 200-221, Approved by FDA

**Manufactured by a non-sterilizing process.**

\*U.S. Patent No. 4,531,938

\*\*U.S. Patent Nos. 4,762,515 and 5,522,797 – Ivy Animal Health, Inc.

COMPONENT and COMPONENT One Gun are registered trademarks of Ivy Animal Health, Inc.

Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight.  
Use before the expiration date.

# COMPONENT<sup>®</sup> TE-IS

BRAND IMPLANTS

## FOR STEERS FED IN CONFINEMENT FOR SLAUGHTER

trenbolone acetate 80 mg and  
estradiol USP 16 mg with 29 mg tylosin tartrate as a local antibacterial



COMPONENT TE-IS contains trenbolone acetate and estradiol for increased rate of weight gain and improved feed efficiency in a slow-release delivery system.

**Contents:** 5 foil pouches each containing 1 cartridge belt with 20 pellets. Each cartridge belt contains 1 implant dose. Each dose consists of trenbolone acetate 80 mg and estradiol USP 16 mg with 29 mg tylosin tartrate as a local antibacterial.

**Dosage:** Administer 1 implant per animal. See package insert for detailed instructions. Do not use in veal calves.

Patented by Ivy Animal Health, Inc. ANADA 210,321. Approved by FDA.

100 IMPLANTS



6 13562 04217 5



Use With Gray  
Component  
One Gun<sup>®</sup> Only



COMPONENT<sup>®</sup> TE-IS  
BRAND IMPLANTS  
trenbolone acetate 80 mg  
and estradiol USP 16 mg  
with 29 mg tylosin tartrate  
as a local antibacterial  
FOR STEERS FED IN  
CONFINEMENT FOR SLAUGHTER

**WARNING:** Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 5 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE.  
Never take short cuts at the expense of CLEANLINESS.

**Manufactured by a non-sterilizing process.**

COMPONENT TE-IS with Tylan is covered by U.S. Patent No. 5,874,098.  
COMPONENT and COMPONENT One Gun are registered trademarks of Ivy Animal Health, Inc.  
Tylan is a registered trademark of F.I. Lilly and Company.  
Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

01 29 03 01

10.875"

9.375"

TEAR HERE

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 5 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date.

COMPONENT is a registered trademark of Ivy Animal Health, Inc.  
Tylan is a registered trademark of Eli Lilly and Company.  
Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.  
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PURCHASE SEAL 20 IMPLANTS



EXP

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GENESS 199982

**COMPONENT**  
BRAND IMPLANTS

**VetLife**

# TE-IS WITH Tylan<sup>®</sup>

FOR STEERS FED IN CONFINEMENT FOR SLAUGHTER

trenbolone acetate 80 mg and  
estradiol USP 16 mg with  
29 mg tylosin tartrate as a local antibacterial



## 20-dose Cartridge Belt\*

For use with the COMPONENT One Gun\*\*  
For Use In Animals Only

Each CARTRIDGE BELT holds 20 doses of COMPONENT<sup>®</sup> TE-IS with Tylan implants. Each dose of 5 pellets consists of 4 pellets containing a total of 80 mg of trenbolone acetate and 16 mg estradiol plus 1 pellet containing 29 mg tylosin tartrate as a local antibacterial. COMPONENT<sup>®</sup> TE-IS implants are recommended for use in steers fed in confinement for slaughter for INCREASED RATE OF WEIGHT GAIN AND IMPROVED FEED EFFICIENCY.

**INDICATIONS FOR USE:** This product contains trenbolone acetate and estradiol for increased rate of weight gain and improved feed efficiency in a slow-release delivery system. Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

**DOSAGE:** Administer 1 implant per animal according to the following instructions.

**GENERAL INSTRUCTIONS:** Study the instructions which should be followed carefully at all times, avoiding short cuts. Skin infection can be avoided by properly preparing implant site and implanter. During fly season use fly repellent on implant site. One designated team member should always do the implanting. Cleanliness of hands and instruments is important at all times.

### WARNING

Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 5 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

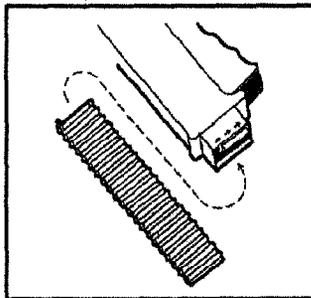
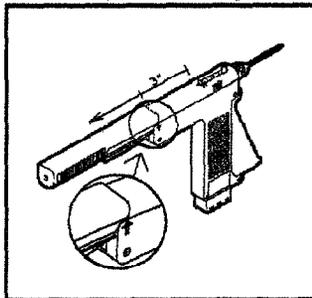
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) —  
FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE —  
KEEP OUT OF REACH OF CHILDREN

### IMPLANTING INSTRUCTIONS:

#### Loading the implanter

Load the implanter following the instructions supplied with each implanter.



#### **Restrain the Animal**

Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.



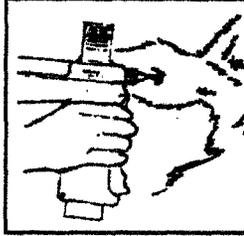
#### **Prepare the Implant Site**

Scrub the back side of the ear (implant site) with a piece of clean absorbent cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.



#### **Where to Implant**

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring farthest from the head. The location for insertion of the needle is a point toward the tip of the ear at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.



#### **Insert the Needle**

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.

#### **Implant the Pellets**

After inserting the needle fully in the correct implant position squeeze the trigger fully. As the needle is withdrawn from the ear, the controlled-pressure plunger action properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous tissue underlying the skin. The length and total contact area of a single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain.

#### **Clean the Needle**

Clean the implanter needle with alcohol or a properly diluted germicidal solution prior to implanting the next animal.

#### **Storage Conditions**

Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date printed on the foil pouch.

ANADA 200-221, Approved by FDA

**Manufactured by a non-sterilizing process.**

\*U.S. Patent No. 4,531,938

\*\*U.S. Patent Nos. 4,762,515 and 5,622,797 - Ivy Animal Health, Inc.

COMPONENT TE-IS with Tylan is covered by U.S. Patent No. 5,874,098

COMPONENT and COMPONENT One Gun are registered trademarks of Ivy Animal Health, Inc.

Tylan is a registered trademark of Eli Lilly and Company.

Manufactured for VetLife by Ivy Laboratories

Overland Park, KS 66214, USA

VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

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Storage Conditions: Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight.  
Use before the expiration date.

# COMPONENT<sup>®</sup> T-E-G

BRAND IMPLANTS

FOR PASTURE CATTLE

(slaughter, stocker, and feeder steers and heifers)

trenbolone acetate 40 mg and  
estradiol USP 8 mg



COMPONENT T-E-G contains trenbolone acetate and estradiol in a polyethylene cartridge with 20 pellets  
and 21 Agri-Pain<sup>®</sup> pasture pain reliever (slaughter, stocker, and feeder steers and heifers).

Contents: 10 cartridges each containing 1 cartridge cell with 20 cells. Each cartridge cell contains 1 implant  
cell. Each cell contains 10 pellets (50 pellets acetate 40 mg and estradiol USP 8 mg).

Dosage: Administer 1 implant cell/animal. See package insert for detailed instructions. Do not use in veal calves.

Patented by Wyeth Animal Health, Inc., ANADA 200,221. Approved by FDA.

100 IMPLANTS



**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose —  
2 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in  
violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important: Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the  
expense of CLEANLINESS.**

**Manufactured by a non-sterilizing process.**

COMPONENT is a registered trademark of Wyeth Animal Health, Inc.  
Manufactured for VetLife by Wyeth Laboratories • Overland Park, KS 66214, USA  
VetLife and Wyeth Laboratories are divisions of Wyeth Animal Health, Inc.

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COMPONENT<sup>®</sup>  
T-E-G  
trenbolone acetate 40 mg  
and estradiol USP 8 mg

FOR PASTURE CATTLE

(slaughter, stocker, and feeder steers and heifers)

3.125"



1/4" Seal Area

9.5"

# COMPONENT<sup>®</sup> TE-G

BRAND IMPLANTS

FOR PASTURE CATTLE

trenbolone acetate 40 mg and  
estradiol USP 8 mg

(slaughter, stocker, and feeder steers and heifers)



TEAR HERE

COMPONENT TE-G contains trenbolone acetate and estradiol in a slow release delivery system which increases rate of weight gain in pasture cattle (slaughter, stocker, and feeder steers and heifers).

Contains: One Cartridge Belt\* of 20 implants sealed in a sanitary foil pouch.

Dosage: Administer 1 implant per animal. See package insert for detailed instructions. Do not use in veal calves.

Manufactured by a non-sterilizing process.

\* Patented by Ely Animal Health, Inc., ANADA 200-221, Approved by FDA.



One 20-Dose Cartridge Belt

18.8/5

9.375"

TEAR HERE

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 2 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date.

COMPONENT is a registered trademark of Ivy Animal Health, Inc.

Manufactured for VetLife by Ivy Laboratories • Overland Park, KS 66214, USA  
VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

01 08 02 02

PURCHASE SEAL 20 IMPLANTS



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**COMPONENT**<sup>®</sup>  
BRAND IMPLANTS



# TE-G

## FOR PASTURE CATTLE

(slaughter, stocker, and feeder steers and heifers)

trenbolone acetate 40 mg and  
estradiol USP 8 mg

### 20 dose CARTRIDGE BELT<sup>†</sup>

For use with the COMPONENT One Gun<sup>®\*\*</sup>  
For Use In Animals Only

Each CARTRIDGE BELT holds 20 doses of COMPONENT<sup>®</sup> TE-G implants. Each dose consists of 2 pellets containing a total of 40 mg of trenbolone acetate and 8 mg estradiol USP. COMPONENT<sup>®</sup> TE-G implants are recommended for use in pasture cattle (slaughter, stocker, and feeder steers and heifers) for INCREASED RATE OF WEIGHT GAIN.

**INDICATIONS FOR USE:** This product contains trenbolone acetate and estradiol in a slow-release delivery system which increases rate of weight gain in pasture cattle (slaughter, stocker, and feeder steers and heifers). Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

**DOSAGE:** Administer 1 implant per animal according to the following instructions.

**GENERAL INSTRUCTIONS:** Study the instructions which should be followed carefully at all times, avoiding short cuts. Skin infection can be avoided by properly preparing implant site and implanter. During fly season use fly repellent on implant site. One designated team member should always do the implanting. Cleanliness of hands and instruments is important at all times.

#### WARNING

Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 2 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

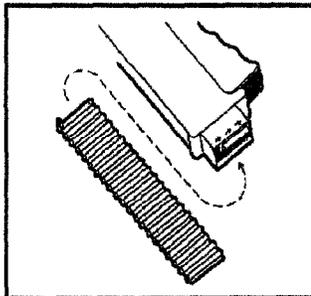
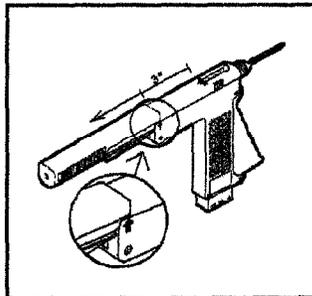
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) —  
FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE —  
KEEP OUT OF REACH OF CHILDREN**

#### IMPLANTING INSTRUCTIONS:

##### Loading the Implanter

Load the implanter following the instructions supplied with each implanter.



**Restrain the Animal**

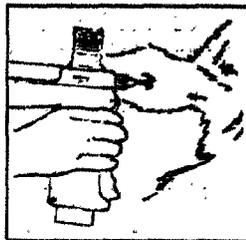
Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.

**Prepare the Implant Site**

Scrub the back side of the ear (implant site) with a piece of clean absorbent cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.

**Where to Implant**

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear as illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring farthest from the head. The location for insertion of the needle is a point toward the tip of the ear at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.

**Insert the Needle**

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.

**Implant the Pellets**

After inserting the needle fully in the correct implant position, squeeze the trigger fully. As the needle is withdrawn from the ear, the controlled-pressure plunger action properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous-tissue underlying the skin. The length and total contact area of the single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain.

**Clean the Needle**

Clean the implanter needle with alcohol or a properly diluted germicidal solution prior to implanting the next animal.

**Storage Conditions**

Store in a refrigerator (2°-8°C; 36°-46° F) and protect from sunlight. Use before the expiration date printed on foil pouch.

ANADA 200-221, Approved by FDA

**Manufactured by a non-sterilizing process.**

\*U.S. Patent No. 4,531,938

\*\*U.S. Patent Nos. 4,762,515 and 5,522,797 - Ivy Animal Health, Inc.

COMPONENT and COMPONENT One Gun are registered trademarks of Ivy Animal Health, Inc.

Manufactured for **VetLife** by Ivy Laboratories.  
Overland Park, KS 66214, USA

VetLife and Ivy Laboratories are divisions of Ivy Animal Health, Inc.

Storage Conditions: Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight.  
Use before the expiration date.

# COMPONENT<sup>®</sup> TE-G

BRAND IMPLANTS

FOR PASTURE CATTLE

(slaughter, stocker and feeder steers and heifers)

trenbolone acetate 40 mg and  
estradiol USP 8 mg with 29 mg tylosin tartrate as a local antibacterial



COMPONENT TE-G contains trenbolone acetate and estradiol in a slow release delivery system which increases the weight gain of pasture cattle (slaughter, stocker and feeder steers and heifers).

Contents: 3 foil pouches each containing 1 cartridge cell with 20 cells. Each cartridge cell contains 1 implant dose. Each dose contains 10 mg trenbolone acetate, 4 mg estradiol USP 8 mg with 29 mg tylosin tartrate as a local antibacterial.

Dosage: Administer 1 implant per animal. See package insert for detailed instructions. Do not use in sea otters.

Patented by Iy Animal Health, Inc. ANADA 2001-0221. Approved by FDA.

100 IMPLANTS



6 13562 04208 3



Use With Gray  
Component  
One Gun Only

COMPONENT<sup>®</sup> TE-G  
trenbolone acetate  
40 mg and estradiol USP 8 mg  
with 29 mg tylosin tartrate as a  
local antibacterial  
FOR PASTURE CATTLE  
(slaughter, stocker, feeder steers and heifers)

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 3 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**  
**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS.

**Manufactured by a non-sterilizing process.**

COMPONENT TE-G with Tylan is covered by U.S. Patent No. 5,874,098.  
COMPONENT is a registered trademark of Iy Animal Health, Inc.  
Tylan is a registered trademark of Eli Lilly and Company.  
Manufactured for VetLife by Iy Laboratories • Overland Park, KS 66214, USA  
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01 28 03 02

3.125"

EB

9.5"

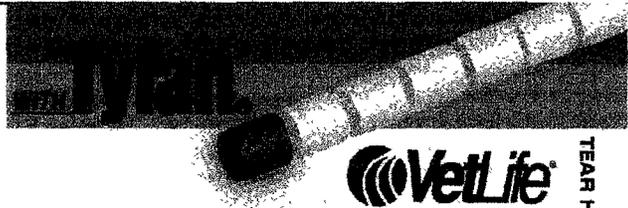
# COMPONENT<sup>®</sup> TE-G

BRAND IMPLANTS

FOR PASTURE CATTLE

(slaughter, stocker, and feeder steers and heifers)

trenbolone acetate 40 mg and estradiol USP 8 mg with 29 mg tylosin tartrate as a local antibacterial



VetLife<sup>®</sup>

TEAR H

COMPONENT<sup>®</sup> TE-G contains trenbolone acetate and estradiol in a slow-release delivery system which increases rate of weight gain in pasture cattle (slaughter, stocker, and feeder steers and heifers.)

Contains: One Cartridge Belt\* of 20 implants sealed in a sanitary foil pouch.

Dosage: Administer 1 implant per animal. See package insert for detailed instructions. Do not use in veal calves.

Manufactured by a non-sterilizing process.

\* Patented by Wyeth Animal Health, Inc. ANADA 200-221. Approved by FDA



One 20-Dose Cartridge Belt

1/4" Seal Area

10.075"

9.375"

TEAR HERE

**WARNING: Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 3 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.**

**A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.**

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) — FOR USE IN ANIMALS ONLY —  
NOT FOR HUMAN USE — KEEP OUT OF REACH OF CHILDREN**

**Important:** Read the enclosed instruction brochure. Use as illustrated with a **CAREFUL CLEAN TECHNIQUE**.  
Never take short cuts at the expense of **CLEANLINESS**.

**Storage Conditions:** Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight.  
Use before the expiration date.

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01 28 02 01

PURCHASE SEAL 20 IMPLANTS



EXP

LOT



**COMPONENT**<sup>®</sup>  
BRAND IMPLANTS

**VetLife**

# TE-G WITH Tylan<sup>®</sup>

**FOR PASTURE CATTLE**  
(slaughter, stocker, feeder steers and heifers)

trenbolone acetate 40 mg  
and estradiol 8 mg with  
29 mg tylosin tartrate as a local antibacterial

## 20 dose CARTRIDGE BELT\*

For use with the COMPONENT One Gun<sup>®\*\*</sup>  
For Use in Animals Only

Each CARTRIDGE BELT holds 20 doses of COMPONENT<sup>®</sup> TE-G Implants. Each dose of 3 pellets consists of 2 pellets containing a total of 40 mg of trenbolone acetate and 8 mg estradiol plus 1 pellet containing 29 mg tylosin tartrate as a local antibacterial. COMPONENT TE-G Implants are recommended for use in pasture cattle (slaughter, stocker, feeder steers and heifers) for INCREASED RATE OF WEIGHT GAIN.

**INDICATIONS FOR USE:** This product contains trenbolone acetate and estradiol in a slow-release delivery system which increases rate of weight gain in pasture cattle (slaughter, stocker, and feeder steers and heifers). Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

**DOSAGE:** Administer 1 implant per animal according to the following instructions.

**GENERAL INSTRUCTIONS:** Study the instructions which should be followed carefully at all times, avoiding short cuts. Skin infection can be avoided by properly preparing implant site and implanter. During fly season use fly repellent on implant site. One designated team member should always do the implanting. Cleanliness of hands and instruments is important at all times.

### WARNING

Not to be used in animals intended for subsequent breeding, or in dairy animals. Implant one dose — 3 pellets (entire contents of one cartridge cell) — in the ear subcutaneously. Any other site of implantation is in violation of Federal Law. DO NOT attempt to salvage implantation site for animal feed or human food.

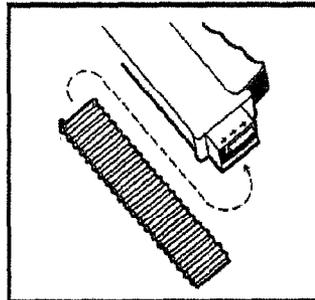
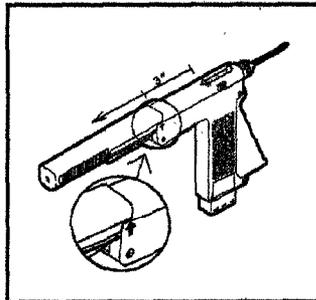
A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.

**RESTRICTED DRUG — USE ONLY AS DIRECTED (CALIFORNIA) —  
FOR USE IN ANIMALS ONLY — NOT FOR HUMAN USE —  
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### IMPLANTING INSTRUCTIONS:

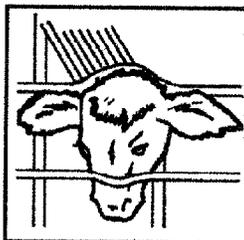
#### Loading the Implanter

Load the implanter following the instructions supplied with each implanter.



### Restrain the Animal

Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.



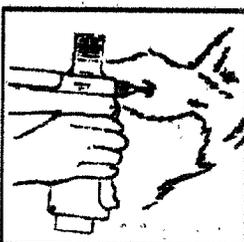
### Prepare the Implant Site

Scrub the back side of the ear (implant site) with a piece of clean absorbent cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.



### Where to Implant

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear as illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring farthest from the head. The location for insertion of the needle is a point toward the tip of the ear at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.



### Insert the Needle

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.

### Implant the Pellets

After inserting the needle fully in the correct implant position, squeeze the trigger fully. As the needle is withdrawn from the ear, the controlled-pressure plunger action properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous-tissue underlying the skin. The length and total contact area of the single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain.

### Clean the Needle

Clean the implanter needle with alcohol or a properly diluted germicidal solution prior to implanting the next animal.

### Storage Conditions

Store in a refrigerator (2°-8°C; 36°-46°F) and protect from sunlight. Use before the expiration date printed on foil pouch.

ANADA 200-221

### Manufactured by a non-sterilizing process.

\*U.S. Patent No. 4,531,938

\*\*U.S. Patent Nos. 4,762,515 and 5,522,797 - Ivy Animal Health, Inc.  
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