

Approval Date: October 28, 2004

FREEDOM OF INFORMATION SUMMARY
SUPPLEMENTAL NEW ANIMAL DRUG APPLICATION
NADA 141-043

SYNOVEX Choice and SYNOVEX PLUS
(Trenbolone Acetate and Estradiol Benzoate)

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:

Fort Dodge Animal Health
Division of Wyeth
800 Fifth St. NW.
Fort Dodge, IA 50501

FREEDOM OF INFORMATION SUMMARY

SYNOVEX Choice Ear Implant for Steers Fed in Confinement for Slaughter

SYNOVEX PLUS Ear Implant for Steers and Heifers Fed in Confinement for Slaughter

1. GENERAL INFORMATION:

- a. File Number: NADA 141-043
- b. Sponsor: Fort Dodge Animal Health
Division of Wyeth
800 Fifth St. NW.
Fort Dodge, IA 50501
Drug Labeler Code: 000856
- c. Established Names: Trenbolone Acetate and Estradiol Benzoate
- d. Propriety Names: SYNOVEX Choice and SYNOVEX PLUS
- e. Dosage Form: Implantation (ear implant) as per 21 CFR 522.2478
- f. How Supplied: SYNOVEX Choice: Each box contains 10 pouches each containing 1 cartridge with 10 doses. Each implant dose consists of 4 pellets containing 100 mg trenbolone acetate and 14 mg estradiol benzoate.

SYNOVEX PLUS: Each box contains 10 pouches each containing 1 cartridge with 10 doses. Each implant dose consists of 8 pellets containing 200 mg trenbolone acetate and 28 mg estradiol benzoate.
- g. How Dispensed: OTC
- h. Amount of Active Ingredients: SYNOVEX Choice:
100 mg trenbolone acetate.
14 mg estradiol benzoate.

SYNOVEX PLUS:
200 mg trenbolone acetate.
28 mg estradiol benzoate.
- 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: SYNOVEX Choice: Steers fed in confinement for slaughter.
- SYNOVEX PLUS: Steers and heifers fed in confinement for slaughter.
- k. Recommended Dosage: SYNOVEX Choice: One implant containing 100 mg trenbolone acetate and 14 mg estradiol benzoate.
- SYNOVEX PLUS: One implant containing 200 mg trenbolone acetate and 28 mg estradiol benzoate.
- l. Pharmacological Category: Steroid hormones
- m. Indications: SYNOVEX Choice: For increased rate of weight gain in steers fed in confinement for slaughter.
- SYNOVEX PLUS: For increased rate of weight gain and improved feed efficiency in steers and for increased rate of weight gain in heifers fed in confinement for slaughter.
- 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 new animal drug applications for SYNOVEX Choice and SYNOVEX PLUS (NADA 141043).

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 new animal drug applications for SYNOVEX Choice and SYNOVEX PLUS (NADA 141043).

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 new animal drug applications for SYNOVEX Choice and SYNOVEX PLUS (NADA 141043).

5. AGENCY CONCLUSIONS:

The information submitted in support of this NADA 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.

No patent information was submitted with this application.

6. ATTACHMENTS:

Facsimile Labeling is attached as indicated below:

SYNOVEX Choice Carton Label
SYNOVEX Choice Pouch (Front and Back)
SYNOVEX PLUS Carton Label
SYNOVEX PLUS Pouch (Front and Back)