

Growth Promotant Implants

Trade Name	Chemical Name	Dosage	Approximate Days Effective	Type of Animal	Reported Benefit over Control: Average Daily Gain	Reported Benefit over Control: Feed Efficiency
Synovex- [®] (Ft. Dodge Labs)	Estradiol benzoate Progesterone	10 mg 100 mg	120	steers & heifers: 45 days of age to 400lbs. (one time on replacement heifers)	up to 10% (pasture)	Not Applicable
Revalor-G (Hoechst Roussel Vet)	Estradiol 17 beta Trenbolone acetate	8 mg 40 mg	120	steers and heifers: pasture cattle (slaughter, stocker and feeder)	up to 18% (pasture)	Not Applicable
Ralgro (Schering-Mallinckrodt)	zeranol	36 mg	70	steers and heifers: birth through feedlot (one time after 45 days of age on replacement heifers)	Feedlot average: 10-11%	Feedlot average: 6-7%
Ralgro Magnum (Schering-Mallinckrodt)	zeranol	36 mg	date available up to 90 days	feedlot steers	N/A	N/A
Synovex-S [®] (Ft. Dodge Labs)	estradiol benzoate progesterone	20 mg 200 mg	120	steers above 400 lbs.	Feedlot average: 13.7%	Feedlot average: 6.9%
Synovex-H [®] (Ft. Dodge Labs)	estradiol benzoate testosterone propionate	20 mg 200 mg	120	heifers above 400 lbs.	Feedlot average: 10-11%	Feedlot average: 6-7%
Compudose 200 (Elanco/Vet Life)	estradiol 17 beta	25.7 mg	up to 200 (168)	suckling and pastured growing steers; confined steers & heifers	Feedlot average: 10-11%	Feedlot average: 6-7%
Encore (Elanco/Vet Life)	estradiol 17 beta	43.9 mg	up to 400 (less than 300)	suckling and pastured growing steers; confined steers & heifers	N/A	N/A
Finaplix-H [®] (Hoechst Roussel Vet)	trenbolone acetate	200 mg	105	Feedlot heifers	Feedlot average: 15-16%	Feedlot average: 8-9%
Revalor-H (Hoechst Roussel Vet)	estradiol 17 beta trenbolone acetate	14 mg 140 mg	120	Feedlot heifers	Feedlot average: 15.9%	Feedlot average: 8.3%
Synovex Plus (Ft. Dodge Labs)	estradiol benzoate trenbolone acetate	28 mg 200 mg	120	Feedlot steers	Feedlot average: 19.2%	Feedlot average: 10.4%
Revalor-S [®] (Hoechst Roussel Vet)	estradiol 17 beta trenbolone acetate	24 mg 120 mg	120	Feedlot steers	Feedlot average: 19-20%	Feedlot average: 10-11%

[®] Generic equivalents, approved by the F.D.A., are available from Ivy Labs/Vet Life (Component [®]) and the Upjohn Company (Implus[®])

[®] Generic equivalents, approved by the F.D.A., are available from Ivy Labs/Vet Life (Component [®])

TRADE NAME DESCRIPTIONS

SYNOVEX-C: Synovex-C contains estradiol benzoate (72% estradiol) and progesterone. Synovex-C is recommended for use in suckling beef calves weighing up to approximately 400 lbs. Synovex-C may be used in both steer and heifer calves, including one-time use in beef heifers intended for later breeding.¹

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

RALGRO: Zeranol, the active drug in Ralgro, is a chemical derivativ of resorcylic acid lactone fermentation product, having estrogenic properties. Ralgro is used to increase the rate of weight gain and improve feed conservation in growing cattle, feedlot heifers, feedlot steers, weaned calves and suckling calves. Ralgro has been approved for one-time use in beef heifers intended for later breeding.

RALGRO MAGNUM: Ralgro Magnum contains twice the active compound, zeranol, as compared to Ralgro. Magnum is used to increase rate of weight gain in steers fed in confinement for slaughter. Because of the increase in zeranol level, Magnum is reported to have a longer growth promoting effect than Ralgro.

SYNOVEX-S: Synovex-S contains estradiol benzoate (72% estradiol) and progesterone. Synovex-S is recommended for use in steers weighing 400 lbs. or more. When properly administered, these implants can help increase rate of weight gain and improve feed efficiency.¹

SYNOVEX-H: Synovex-H contains estradiol benzoate (72% estradiol) and testosterone propionate. Synovex-H is recommended for use in heifers weighing 400 lbs. or more. When properly administered, these implants can help increase rate of weight gain and improve feed efficiency.¹

COMPUDOSE 200: Compudose 200 is a silicone rubber implant containing estradiol and is coated with not less than 0.5 mg of oxytetracycline powder as a local antibacterial. Compudose 200 in intended for increased rate of weight gain in suckling and pastured growing steers; and improved feed efficiency and increased rate of weight gain in confined steers and heifers.

ENCORE: Encore is a silicone rubber implant containing estradiol, with a similar coating and animal approval to Compudose 200. It contains significantly more estradiol than Compudose 200 and is reported to have a longer growth promoting effect.

FINAPLIX-H: Finaplix-H contains a synthetic androgen, trenbolone acetate. Trenbolone acetate has been shown to have 8-10 times the growth promoting ability of an equal amount of testosterone. Finaplix-H increases the rate of weight gain and improves feed efficiency in growing finishing heifers.²

REVALOR-H: Revalor-H contains both estradiol and trenbolone acetate for increased rate of weight gain and improved feed efficiency in a slow-release delivery system in heifers.

SYNOVEX PLUS: Synovex Plus contains both estradiol benzoate (72% estradiol) and trenbolone acetate. Synovex Plus is recommended for improved feed efficiency in steers fed in confinement for slaughter.

REVALOR-S: Revalor-S contains both estradiol and trenbolone acetate, which increases rate of weight gain and improves feed efficiency in a slow-release delivery system in steers.²

¹ Generic equivalents, approved by the F.D.A., are available from Ivy Labs/Vet Life (Component ®) and The Upjohn Company (Implus®)

² Generic equivalents, approved by the F.D.A., are available from Ivy Labs/Vet Life (Component ®)
