SYNOVEX® implants. Performance that leads to profits for the producer.

Greater gains on pasture.
SYNOVE® C.  
A growth implant specifically designed for the suckling calf.

SYNOVE® C (estradiol benzoate/progesterone) is a growth-promoting implant ideal for steers and heifers more than 45 days of age and up to 400 pounds body weight.

How much is 19 extra pounds per calf worth to you?

- Suckling calves implanted with SYNOVE C gained an average of 19 extra pounds compared with nonimplanted calves.
- At $1.06/lb. for calves, that’s an extra $20 per head at sale time and a 20:1 return on your investment.
- It’s like selling one extra calf for every 25 head implanted.

![Suckling phase gain of calves implanted with SYNOVE C.](chart)

Forty-two comparisons comprising 7,865 calves from 16 states and Canada.

Yes, you can implant replacement heifers.

SYNOVE C is safe when used in replacement heifers over 45 days of age and under 400 pounds. Always limit them to one dose. They will gain an extra 20 pounds of weight without affecting reproduction.

- If you don’t know which heifers will be saved as replacements, implant all of them so you don’t forfeit gain on those you sell.
- If you do know which heifers will be replacements, don’t implant the replacement heifers because you won’t profit from pounds you don’t sell.

Available in 20-dose (2 cartridges) or 100-dose (10 cartridges).
**Effect of suckling calf implants on lifetime weight gain.**

<table>
<thead>
<tr>
<th></th>
<th>Implanted</th>
<th>Nonimplanted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weaning weight, pounds</td>
<td>434</td>
<td>406</td>
</tr>
<tr>
<td>Average gain, lbs./day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Implanted growing period</td>
<td>2.47</td>
<td>2.47</td>
</tr>
<tr>
<td>Implanted finishing period</td>
<td>2.98</td>
<td>3.00</td>
</tr>
<tr>
<td>Final weight, pounds</td>
<td>1,078</td>
<td>1,054</td>
</tr>
</tbody>
</table>

*Both implanted and nonimplanted suckling calves received the same implants during the subsequent growing and finishing phases.*

**Additional gain won’t disappear or affect future performance.**

Gains received during the suckling phase will not adversely affect future performance in the feedlot. Average daily gains in the growing and finishing phases for cattle implanted as suckling calves were similar to cattle that didn’t receive implants as suckling calves. The weight gain achieved by using SYNOVEX C during the suckling phase carries over through succeeding stages of development.

**Part of a value-added calf program.**

SYNOVEX C pays for itself, and a lot more. The extra profit will cover costs of vaccination, parasite control and other preconditioning expenses. You’ll improve animal health while raising the value of your calves. In 2009, calves that were preconditioned with a documented health program and weaned for at least 45 days received $7.21 per cwt more on sale day compared with similar calves without any documented preconditioned programs.

**No adverse effect on quality.**

In two studies, cattle implanted with SYNOVEX C as suckling calves had nearly identical quality grade, marbling, tenderness (shear force) and overall consumer taste panel satisfaction scores when compared with those not implanted as calves.

**Tips for successful implanting.**

- To reduce the risk of lost implants and performance due to infection and abscess, observe the ear to be implanted. If dry and clean, implant. If it is wet or soiled, clean it with a brush soaked in Nolvasan® (*chlorhexidine diacetate*) Solution disinfectant before implanting, to reduce the risk of abscessed or infected implants.
- Use proper animal and head restraint.
- Tag ears prior to implanting or tag the ear that’s not being implanted.
- Replace dull or damaged needles.
- Don’t sacrifice good technique for speed.
**SYNOVEX H.** For heifers more than 400 pounds.

- 200 mg testosterone propionate and 20 mg estradiol benzoate per dose
- Increased weight gain on pasture an average of 21 pounds
- Resulted in a benefit of a 20-1 return, depending on feeder cattle prices

SYNOVEX H (estradiol benzoate/testosterone propionate) promotes growth in grazing heifers.

*Available in 100-dose (10 cartridges) packaging.*

**Gain of grazing heifers implanted with SYNOVEX H.**

- +21 pounds
- +25 pounds

Seventeen studies comprising 2,555 head, averaging 142 days on pasture.

**Comparative gain of implanted grazing heifers.**

- SYNOVEX H: 245 pounds
- Ralgro: 233 pounds
- Propionate: 222 pounds
- Revalor-G: 237 pounds
- Nonimplanted: 231 pounds

Fifteen studies comprising 2,369 head, averaging 145 days on pasture.

**SYNOVEX S.** For steers more than 400 pounds.

- 200 mg progesterone and 20 mg estradiol benzoate per dose
- An additional 25 pounds on pasture, compared with nonimplanted steers
- Resulted in a benefit of a 20-1 return, depending on feeder cattle prices

SYNOVEX® S (estradiol benzoate/progesterone) promotes growth in grazing steers.

*Available in 100-dose (10 cartridges) packaging.*

**Gain of grazing steers implanted with SYNOVEX S.**

- +25 pounds
- +26 pounds

Forty-one studies comprising 6,860 head, averaging 132 days on pasture.

**Comparative gain of implanted grazing steers.**

- SYNOVEX S: 237 pounds
- Ralgro: 235 pounds
- Progesterone: 228 pounds
- Revalor-G: 184 pounds

Fourty-three studies comprising 6,846 head, averaging 140 days on pasture.

Ten studies comprising 2,183 head, averaging 136 days on pasture.

Seven studies comprising 2,677 head, averaging 112 days on pasture.
The performance benefits of SYNOVEX® implants can be seen at every stage of production, and are carried through suckling calf, stocker and feedyard stages.

**More cow/calf producers could profit from SYNOVEX.**

Today, less than 2 percent of the nation’s calf crop is needed to meet the demand for hormone-free, organic or natural programs in the United States.¹ That means 98 percent of calves are candidates for the extra $20/head that SYNOVEX can deliver in added weight gain.

SYNOVEX C significantly increases the value of calves without adversely affecting reproduction in heifers, lifetime performance or carcass quality.

**Two ways for stocker cattle to gain from SYNOVEX.**

On stocker/backgrounder operations, weight gain and efficiency of gain determines profit and loss. That’s why implanting growing cattle is one of the most profitable management tools available. SYNOVEX S and SYNOVEX H increase stocker weight gains 10 percent or more, compared with nonimplanted controls.²
SYNOVEX® implants.
Now from Pfizer Animal Health, the leader in cattle animal health and performance.

At Pfizer Animal Health, our passion for the health and wellness of animals, combined with our commitment to research, help protect the health and productivity of livestock. SYNOVEX® implants take their place in our product line, which also includes Bovi-Shield GOLD® vaccines, DECTOMAX® (doramectin) parasite control and anti-infectives for the control and treatment of bovine respiratory disease.

SelectVAC®, the beef industry’s premier value-added calf program, is a management tool from Pfizer Animal Health to help cow/calf operators raise healthier, in-demand reputation calves.

**Tailor your implant program.**

We want to help you get the highest possible returns from your implant program. Contact us for help selecting the right implant to meet your production goals (performance, carcass merit and return on investment). We’ll work with you to:

- Optimize your current implant program and implant procedures.
- Help establish implant quality assurance goals and provide the training and tools to accomplish them.

**Use SYNOVEX implants at the appropriate stage to increase profit. For more information, call Pfizer Animal Health Customer Service at 800-733-5500.**

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The right tools for the job.

SYNOVEX implant guns allow you to implant cattle easily and effectively. All SYNOVEX implants can be delivered through either implant gun.

**REVOLVER**

The SYNOVEX Revolver is reliable and easy to use. All-metal construction stands up to tough use and extreme conditions. Comes with a “calf adapter” that shortens the needle for suckling calves. Perfect for most cow/calf and stocker operations.

**SX10®**

Advanced implanting device

The SX10 gun is the choice for consistent, accurate and quality implanting, time after time. Its exclusive retractable needle always deposits implants in an even row and helps prevent crushed or bunched implants. Minimal training required.