

We're the full package.

Factrel® Injection
(gonadorelin injection)

Lutalyse® Injection
(dinoprost tromethamine injection)

Lutalyse® *HighCon* Injection
(dinoprost tromethamine injection)

EAZI-BREED™ CIDR®
Cattle Insert

Let's talk about the Zoetis Dairy Reproduction Portfolio.

The Zoetis Dairy Reproduction Portfolio helps support a high fertility cycle and offers the only comprehensive product lineup[1] backed by unmatched service and support to help dairy producers optimize reproduction, reduce services to conception and advance fertility to help maximize lifetime profitability.

This includes the industry-leading prostaglandin, LUTALYSE® injection / LUTALYSE® HighCon injection (dinoprost tromethamine injection)[1] flexible dose GnRH, FACTREL® Injection (gonadorelin injection); and the only progesterone implant on the market, EAZI-BREED™ CIDR® Cattle Insert.

Plus, it's supported by the largest, and most specialized dairy team in the industry. The Zoetis technical services team, dairy production specialists and sales team support dairy producers through services like transition cow risk assessments, monitoring and analyzing reproductive data, and offer tools for overall dairy success.

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Why the Zoetis Dairy reproduction portfolio?



The Zoetis Dairy Reproduction Portfolio is a comprehensive lineup of effective leading products to help dairy producers reduce services to conception and help maintain a high fertility cycle for improved profitability.[1]

Research shows maintaining a high fertility cycle in the dairy herd supports reduced body condition loss, and subsequently fewer health challenges, greater fertility and reduced early pregnancy losses in the next lactation.[2]

When cows are pregnant by 130 days in milk, they maintain a more even distribution of body weight throughout their lactation and dry period, avoiding over-conditioning. This helps prevent a significant drop in body condition score (BCS) after calving, and can result in fewer health issues during the lactation, greater pregnancy rates per AI breeding and reduced early pregnancy loss.[2]



Zoetis provides unmatched service and support to help producers maximize fertility programs and profit.

The Zoetis Dairy Production Specialists (DPS) are focused on delivering actionable insights to producers and their teams, informed by on-farm data analysis to improve reproduction and fertility-related outcomes.

Zoetis provides dependable customer service and support with boots on the ground to deliver Dairy Wellness solutions beyond product.



The Zoetis Dairy Reproduction Portfolio is part of a comprehensive Dairy Wellness offering that delivers more than just reproductive products to aid in reproductive success.

BOVI-SHIELD GOLD FP® 5 L5 HB helps provide comprehensive protection against five viral pathogens, five serovars of *Leptospira interrogans* and Lepto hardjo-bovis to help minimize economic losses from reproductive diseases.

BOVI-SHIELD GOLD FP 5 L5 HB is also the only viral combination vaccine that helps provide 365 days of protection against infectious bovine rhinotracheitis (IBR) virus, bovine viral diarrhea (BVD) Types 1 and 2 viruses and Lepto hardjo-bovis. And, it's backed by the Fetal Protection Support Guarantee from Zoetis.*

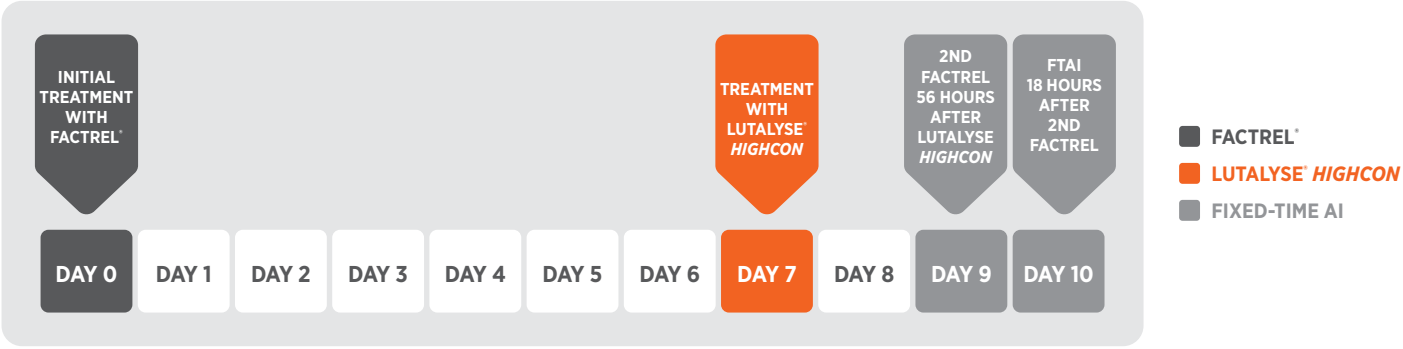
Zoetis is committed to improving reproduction efficiencies outside of hormone products with genomic testing and wellness traits for CLARIFIDE® and CLARIFIDE® Plus related to reproduction.

Discover the full potential of Zoetis' comprehensive reproduction portfolio by visiting our Dairy Fertility Page. Click here for more information and elevate your dairy production today!



Advantages of Fixed–Time Artificial Insemination (FTAI)

Using an FTAI program with FACTREL® and LUTALYSE® HighCon can help improve pregnancy rates and reproductive efficiency.



Please reference the marketing package inserts for FACTREL®, LUTALYSE® and LUTALYSE® *HighCon* for full information on treatment regimens for FTAI with FACTREL and LUTALYSE *HighCon*.

FTAI and your bottom line.

- Improving the 21-day pregnancy rate from 24% to 30% or by 6% could result in an increased revenue of $70 per cow per year, or $30,000 for a 500-cow dairy herd.**[3,4]
- Synchronization programs with producer- and veterinarian-trusted products from Zoetis can result in more efficient breeding and time saved and can help protect your bottom line. Delays in rebreeding can cost as much as $3 per day for each day open.[5]

A product portfolio backed by research and unmatched support.



FACTREL® is approved for use with LUTALYSE® HighCon and LUTALYSE® to synchronize estrous cycles to allow FTAI.

Benefits of FACTREL:

- Allows flexible treatment regimens to meet the needs of individual operations and help optimize conception rates.
- Improves breeding efficiency.
- Also is indicated for the treatment of ovarian follicular cysts in cattle, to reduce the number of days to next estrus.



LUTALYSE HighCon and LUTALYSE are the most veterinarian prescribed and producer-used prostaglandins on the market.[1]

A synchronized breeding program with LUTALYSE *HighCon* or LUTALYSE can:

- Improve pregnancy rates and decrease number of services to pregnancy, and reduce days open.
- Reduce time necessary for heat detection.
- Reduce cull rates.

On-label solutions, including a subcutaneous administration option, allow reproduction protocols to align with dairy and Beef Quality Assurance (BQA) best practices.



EAZI-BREED™ CIDR® Cattle Insert helps regulate and synchronize estrous cycles.

It's approved for sync programs, including on-label solutions for FTAI, flexible dosing and administration. The potential benefits of incorporating EAZI-BREED CIDR into your reproduction program include:

- More cows and heifers become pregnant earlier, resulting in a herd with higher pregnancy rates.
- It enables easier and more accurate heat detection.
- Heifers can freshen at a younger and more consistent age.

IMPORTANT SAFETY INFORMATION: FACTREL is for use in cattle only. See full Prescribing Information.

IMPORTANT SAFETY INFORMATION: Women of childbearing age and persons with respiratory problems should exercise extreme caution when handling LUTALYSE/LUTALYSE *HighCon*. LUTALYSE/LUTALYSE *HighCon* is readily absorbed through the skin and may cause abortion and/or bronchiospasms, therefore spillage on the skin should be washed off immediately with soap and water. Aseptic technique should be used to reduce the possibility of post-injection clostridial infections. Do not administer LUTALYSE/LUTALYSE *HighCon* in pregnant cattle unless cessation of pregnancy is desired.
See full Prescribing Information for LUTALYSE.
See full Prescribing Information for LUTALYSE *HighCon*.

Do not use in pregnant cattle (abortions can result) unless they were vaccinated, according to label directions, with any BOVI-SHIELD GOLD FP or PREGGUARD GOLD FP vaccine prebreeding initially and within 12 months thereafter. Do not use in calves nursing pregnant cows unless their dams were vaccinated within the past 12 months as described above. **To help ensure safety in pregnant cattle, heifers must receive at least 2 doses of any BOVI-SHIELD GOLD FP or PREGGUARD GOLD FP vaccine with the second dose administered approximately 30 days prebreeding.**

Avoid contact with skin by wearing protective gloves when handling EAZI-BREED CIDR inserts. Do not use in heifers of insufficient size or age for breeding or in cattle with abnormal, immature, or infected genital tracts. Do not use inserts more than once.

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* The Zoetis Fetal Protection Support Guarantee provides financial support up to the fair market value of any qualifying PI calf or lost pregnancy, and support of confirmatory testing of the Dam of the confirmed PI calf. See information detailing the Fetal Support Protection Guarantee here.

** Calculated with the Dairy Reproductive Economic Analysis Tool (http://dairymgt.info/tools.php), a monthly Markov model for nine lactations, using $15/cwt milk price, $10/cwt dry matter feed cost, $600 cow salvage value, $1,200 heifer replacement value, Wisconsin lactation curves, standard culling rates and assuming same reproductive costs for different levels of PR.

[1] Animalytix Cattle Reproduction Segment Data Ending MAT, April 2025

[2] Middleton EL, Minela T, Pursley JR. The high-fertility cycle: How timely pregnancies in one lactation may lead to less body condition loss, fewer health issues, greater fertility, and reduced early pregnancy losses in the next lactation. *J. Dairy Sci.* 102:5577–5587.

[3] Kalantari AS, Giordano J, Cabrera VE. Wisconsin-Cornell Dairy Repro: A Reproductive Programs Economic Analysis Tool. http://dairymgt.info/tools.php. Accessed October 21, 2015.

[4] Repro Money. A team-based program to improve the reproductive performance of your herd. Part I: Introduction. Madison, WI: University of Wisconsin-Extension.

[5] Groenendaal H, Galligan DT, Mulder HA. An Economic Spreadsheet Model to Determine Optimal Breeding and Replacement Decisions for Dairy Cattle. *J Dairy Sci.* 2004;87:2146-2157.

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