

"I use SpermVital on both heifers and cows when I have problems getting them pregnant or if we want a higher pregnancy rate in the herd. SpermVital is an unbelievable good product because I can get cows that I have had difficulties getting pregnant in the past pregnant. So overall I make money by using SpermVital."

Bjørn Sætren – Norway, Milk quota 400 tons, Number of livestock: 60 cows/year.

"I only use Spermvital in very problematic cows, and I have obtained very good pregnancy rates, over 60%. Due to the excellent results, the extra cost compared to a conventional dose is more than justified and also for the comfort and saving of time because I don't have to inseminate two or three times on the same heat of the cow."

Mario Galán Arribas, Galán S.C.P. farm, Niharra (Avila), – Spain, approx. 250 cows in milk.

"The SpermVital technology is outstanding. During the weekend we inseminate the cows as soon as we see them in heat in the morning; we do the same when we are very busy doing the harvesting or other labors outside the barn. We like the higher conception rate achieved with SpermVital as well, especially on the repeat breeding cows. It's really a special product!"

Francesco Rossetti, co-owner at Rossetti Dairy Farm, Brembio – Italy, 330 cows in milk.

"I've been using SpermVital for about a year now and I love the flexibility it gives you. The longer service window means that if I have a cow that is only just "standing" in the morning and needs serving in 12 hours time, I can get the technician to serve her with SpermVital then, instead of waiting until tomorrow, when she might be too far past to hold."

Mark Gould, Dairy Farmer, Sherborne, Dorset – UK, 250 cows milked.

"Never have I had as great a result when using regular semen. I am satisfied and happy. I think SpermVital works differently. This is a lot more than I expected." In Italy SpermVital is used on problem cows (inseminated 6-7 times with regular semen). When using SpermVital on these cows a conception rate of 30% was achieved.

Dr. Orlandini, Veterinarian on Fasoli farm – Italy.

"Thanks to this method there is no need for reinsemination on Holstein-Fresian cows to get them pregnant. This is more profitable despite the higher price of the semen." Mr Lipka uses Spermvital semen very successfully on different farms.

Andrzej Lipka, AI Technician, customer of PH Konrad – Poland.



The SpermVital technology adds another dimension to artificial insemination by extending the life of spermatozoa after insemination.

LAILA BEKK
Production Manager

GENO UK
2 BRIDGE HOUSE STATION ROAD ROSSETT
WREXHAM LL12 0HE ENGLAND
PHONE: +44 (0) 1244 659 622
E-MAIL: INFO@GENO-UK.COM
WWW.GENO-UK.COM



SEMEN WITH DOUBLE LIFESPAN

Prolongs the lifespan of semen up to 48 hours

NEW
REVOLUTIONARY
TECHNOLOGY

See video at
SpermVital.com





THE TECHNOLOGY

The idea behind the SpermVital technology is to extend the life of spermatozoa after insemination. To achieve this, sperm cells are immobilized in a natural substance before cryopreservation. Immobilization preserves energy and enables a controlled release of sperm cells in the uterus after insemination over an extended period of time. This makes timing of insemination less critical with regards to ovulation in the female, and increases the odds of fertilization success.

PROLONG THE LIFESPAN OF SEMEN!

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SpermVital recommends using this technology under the following circumstances:

- ▲ Early insemination
- ▲ Weak signs of heat
- ▲ Problem cows
- ▲ Increase flexibility

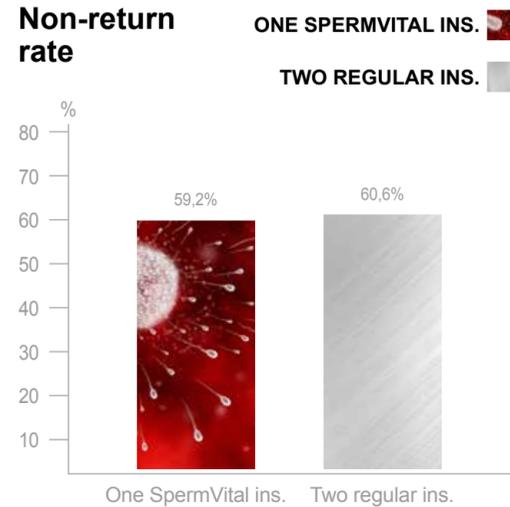
Semen that lasts twice as long:



SYNCHRONIZATION TRIAL

SpermVital conducted two separate field studies in different markets during 2014 to investigate whether the SpermVital semen had increased longevity in cows and heifers. The studies comprised of a total of 491 animals (both beef and dairy breeds were included), randomized into two groups, and then synchronized for estrus. Thereafter, approximately half the cows and heifers were inseminated on day 3 after estrus synchronization with one dose of SpermVital semen. The other half were inseminated on both day 3 and 4 with standard processed bull semen. Normally, it is expected that insemination on two consecutive days will give a higher pregnancy rate than only one insemination. The results showed that the non-return rate did not differ significantly. The studies prove that the animals inseminated with SpermVital semen had equally good access to fertile sperms compared to those animals inseminated on two consecutive days with regular semen.

These studies support the recommendation that one dose of SpermVital semen can replace double inseminations with standard semen. Furthermore, the studies imply that the SpermVital technology prolongs the lifespan of sperm cells.

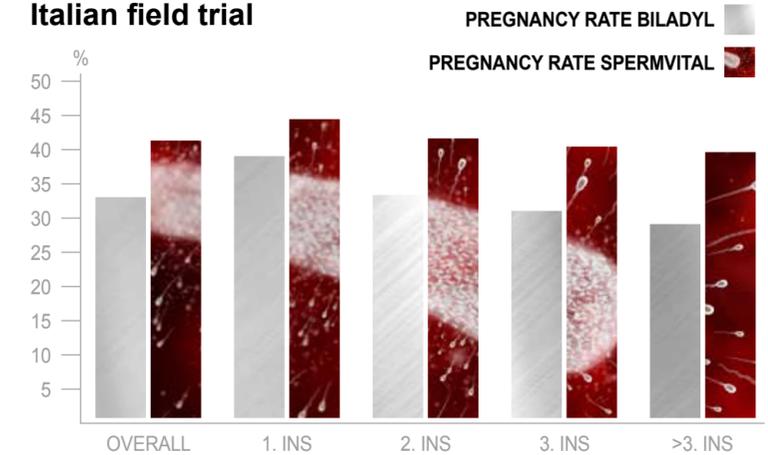


ITALIAN FIELD TRIAL WITH HOLSTEIN

Up to 38% increase with Holstein SpermVital

In a large Italian field trial with over 2076 inseminated dairy cows the SpermVital technology provides a remarkable increase in the conception rate in Holstein dairy cows with Holstein bulls. The conception rates increased on average by 25%, from 33.5 % with regular semen to 41.9% with Spermvital semen. The difference in conception rate was 38% between Spermvital semen and regular semen on cows needing more than 3 inseminations. These incredible results show that cows that return to heat increase their conception rate greatly by utilizing the Spermvital technology. This will increase the profitability for the dairy farmers and also allow them more flexibility.

Italian field trial



Advantages

- ▲ Timing and insemination will be less critical
- ▲ Heat detection will be less time consuming
- ▲ Conception rate will be higher than or at least equal to conventional semen
- ▲ Inseminations per heat can be reduced
- ▲ Inseminations per synchronized heat can be reduced
- ▲ Inseminations on weekends and public holidays can be reduced or avoided altogether
- ▲ Conventional insemination equipment and technique is used

For the herd owner, this translates to reduced insemination costs and improved herd fertility, both factors that lead to increased profitability.