



NINE STEPS TO MAXIMISE YOUR SUCCES IN INSEMINATING WITH SIRYX SEMEN

THAWING

1. Prepare a water bath at a temperature between 37°C and 38°C.
2. Warm the AI-gun by placing it between clothing on the body.
3. Use tweezers to lift a straw from the flask, shake to remove air pockets and place in the water bath for 40 to 45 seconds.
4. Remove the straw from the water bath, wipe dry and insert into the AI-gun.
5. Cut the straw (± 1 cm) at an angle of 90° (horizontally) from the tip of the AI-gun and place the sheath over the AI-gun.
6. Keep the AI-gun warm, between clothing, for just a short time on the body.
7. Keep the interval between thawing and insemination short (< 5 min.).



INSEMINATING

8. Clean the vulva thoroughly with a paper towel.
9. Insert the AI-gun up to the end of the cervix (horn), at the entry of the body of the uterus, and empty slowly. Placing the semen in the correct place is vital!



SiryX

SiryX sexed semen offers dairy farmers across the world the opportunity to breed offspring from cows and heifers that offer the highest genetic gain. Inseminations with SiryX semen will result in 90%, or more, heifer calves.

SiryX is produced in special laboratories in The Netherlands, Brazil and the USA, using flowcytometers. These machines are able to separate sperm cells with the female chromosome (X) from those with the male chromosome (Y). CRV is using the most advanced and developed techniques available at the moment and the operators responsible for the production of SiryX have had specialist training in the USA.



SiryX is being produced with the use of flowcytometers

SIRYX SEXED SEMEN CONTAINS AT LEAST 90% X-CHROMOSOME CELLS.

FERTILISATION WITH AN X-CHROMOSOME SPERM CELL WILL RESULT IN A HEIFER CALF.

A HEIFER CALF AGAIN... AND AGAIN!

MAXIMUM PROFIT WITH SIRYX

SiryX has important advantages for dairy farmers and has the capacity to maximise farm profit in several ways:

ASSURED PRODUCTION OF HEIFER CALVES FOR REPLACEMENT OR EXPANSION

The number of heifer calves born can be optimised by using SiryX. Farmers who want to expand their herd with their own stock can do this more efficiently with SiryX.

REDUCING THE NUMBER OF DIFFICULT BIRTHS

Heifer calves are smaller than bull calves and by using SiryX, particularly on heifers, the number of difficult births will decrease. As a result, the heifers will have a better start to their lactation, with lower veterinary costs, and will get back in calf more easily.

HIGHER TURN OVER

By inseminating part of the herd with SiryX, a larger proportion of the herd can be inseminated with beef bull semen. Farmers can profit from this because they can boost their income from the sale of cross-bred calves.

FASTER GENETIC PROGRESS

Using SiryX on the highest genetic merit cattle in the herd to breed the next generation milking cows will result in faster genetic progress. This effect is the highest when using SiryX on heifers, due to the genetic superiority of heifers on most farms compared to the rest of the herd.

