

It is important to follow recommended protocols to maximize the viability of sperm. Failure to follow recommended procedures for removal, thawing and gun loading results in damaged sperm membranes, cold or heat shocked sperm or impaired sperm motility. Additional effects can lead to compromised semen quality and poor fertility.

IMPROPER FROZEN SEMEN THAWING:

Ensure the water temperature in the thermos is 94°-98°F; Check the water temperature before pulling the straw of semen from the storage tank.

IMPROPER REMOVAL OF SEMEN STRAWS FROM STORAGE TANK:

Always keep the canister below the frost line when retrieving a semen straw. It is recommended to remove the semen from the tank within five seconds.

FAILURE TO BRING INSEMINATION GUN TO PROPER TEMPERATURE:

Cold or heat shock to semen results in damage to morphology and motility of sperm. Place the gun inside clothing, paper towel or gun warmer before inserting the thawed semen straw.

CONTINUED ON PAGE 2...

July 2020 Update



In addition to two live sessions this spring, EastGen continues to work on releasing educational modules that 4-H leaders will be able to access and use for their local meetings in 2020. Please visit www.eastgen.ca and click on Events/Youth for the most recent modules on "Effective Dairy Cattle Judging Reasons" with Brian Carscadden and Beef on Dairy Trends with Brad Gilchrist. The following educational modules will be available in the weeks to come:

- Intro to artificial insemination
- Beef judging strategies and resources
- How to read a dairy proof sheet
- Proper semen handling guidelines



Watch for your August proof sheet in the mail following the August 11, Genetic Evaluation Release

CONTINUED FROM PAGE 1

STRAW NOT PROPERLY DRIED AFTER REMOVAL FROM WARM WATER BATH:

Water kills semen. Use a clean paper towel to wipe the straw completely dry before loading into the qun.

PROTECT SEMEN FROM DIRECT SUNLIGHT

Avoid sperm damage from ultraviolet light by protecting it with a clean paper towel.

USING CLEAN SCISSORS:

It is important to use clean, stainless steel scissors to cut the straw. Wipe the scissors after every cut to remove moisture.

STRAW NOT FITTED CORRECTLY INTO SHEATH ADAPTOR:

When fitting the straw into the adaptor of the sheath, give it a quarter turn to snap it into place. This prevents back flushing into the breeding gun during insemination.

- a) Kombi color guns and spiral gun use the non-split sheath with the blue insert
- b) O-Ring gun, use the split sheath with the green insert

USING INCORRECT LUBRICANT:

Only use approved non-spermicidal artificial insemination lubricant; Soaps and detergents are lethal to semen.

TAKING TOO LONG TO INSEMINATE:

Semen that has been thawed should be used within 15 minutes; Semen fertility starts to decline beyond this time.

FAST DEPOSITING OF SEMEN IN THE COW:

Use a low, gentle motion to depress the plunger on the inseminating gun to avoid sperm damage.

IMPROPER SEMEN PLACEMENT:

The uterine body is the best site of semen deposition; Take the time to ensure that the tip of the Al qun is in the uterine body.



THE WORLD, OUR PRIORITIES AND MARKETS ARE CHANGING.

Elevate® gives you key genomic data and vital Immunity results to truly control genetic decisions. Take control of your herd's genetics and future with Elevate®.

Elevate® is part of Semex's suite of Solutions
which give you the power to control what matters.
We're targeting fertility, health and longevity
to build a profitable herd. Ask your
EastGen Rep. about the impact Semex
Solutions can have on your herd.



Using ai24 has saved us money, and when you save money, you make money.

Linda Stather- Statherview Farm

66 Investing in ai24 has made a substantial positive economic impact on our operation. 99

Kevin MacLean- Ripplebrook Farm

The activity monitoring coupled with the rumination monitoring has saved us time, is simple to use, has reduced vet calls and has increased our profitability.

Phil Prinzen - Prinzhaven Farms

ai24/Heatime - advanced reproductive & herd health management solutions



24hr monitoring of rumination and activity via neck tag or ear tag solutions



Realtime, actionable insights and reports on health, reproduction, nutrition and wellbeing of your cows and heifers at the individual animal & herd level in the palm of your hand



Proven in the EastGen area since 2006 with over 20,000 cows currently monitored 24/7

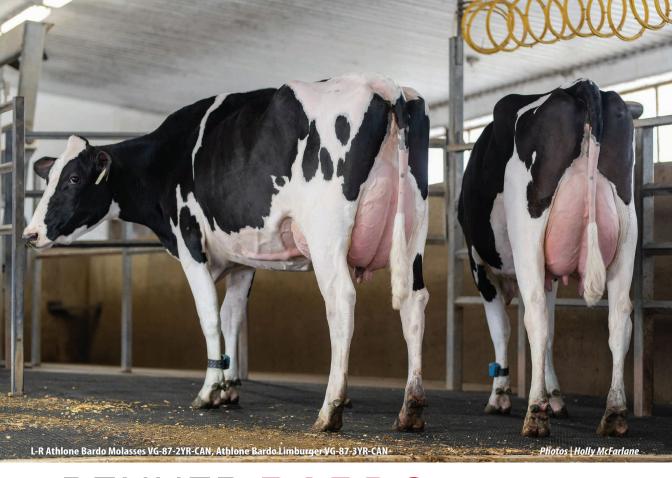


Options for freestall, tie stall and robotic housing facilities



ai24 starts putting money in your pocket in months!

For a consultation on ai24 monitoring systems contact Cody Schinkel 519-837-5957 or email: cody.schinkel@eastgen.ca



BENNER BARDO EX

0200H010366 FLAME x MOGUL x BAXTER









Impressive from every angle!



3353 GLPI **2386** Pro\$

+.88% +102 Kg Fat

+11 Conformation

+9 Feet & Legs

9L Rump Angle

+10 Rump

GEBV 20*APR

