



SEXED SEMEN

**INCREASED PRODUCTIVITY,
HIGHER RETURNS**



**SUPERIOR GENETICS FOR
A STRONGER DAIRY INDUSTRY**

WHAT IS SEXED SEMEN?



This is also called 'gender sorted semen' or 'sex-sorted semen'.

Sperm cells that have the ability to result in the birth of female offspring are separated from those that will result in a male offspring. The farmer can then choose to produce either males or females, depending on the objective of the farm. It is common in dairy farming where female offspring are preferred more.



A single sexed semen insemination **gives you a 9-in-10** chance of a heifer calf compared to roughly **50%** with conventional semen.

WHICH ARE THE BEST COWS IN THE HERD TO USE SEXED SEMEN ON?



Heifers in good body condition

that are cycling regularly – fertility naturally declines with each subsequent calving, so earlier use gives better results.



High-yielding cows with good fertility

High-yielding cows with good fertility that produce good amount of milk and return to eat within 60 days after calving.



Cows in 1st or 2nd lactation

Conception rates are best in earlier lactations.



Cows under optimal management

Avoid dietary changes for at least one month before and after the service period.

WHAT ARE THE CONCEPTION RATES WITH SEXED SEMEN COMPARED TO CONVENTIONAL SEMEN?

The conception rates are lower when you use sexed semen compared to conventional semen. This is related to more manipulations during the sorting process.

CONVENTIONAL SEMEN

55-65%



SEXED SEMEN

40-50%



IS SEXED SEMEN AVAILABLE IN KAGRC?

Yes, KAGRC is mandated to avail superior animal genetics to the Kenyan farmers. Farmers can access the Sexed Semen from their nearest Dairy Cooperatives. The government is committed to making sexed semen affordable to the farming community for increased productivity in the dairy value chain.

PRICE PER STRAW

Ksh 1,000



Available at Dairy Cooperatives nationwide.



Ask your cooperative manager or AI technician to order on your behalf.

WHY CHOOSE SEXED SEMEN FROM KAGRC?

KAGRC semen comes from bulls carefully selected to suit Kenyan farming conditions. Selection criteria prioritise:



MILK PRODUCTION

Genetics proven for high yield in local environments.



RESILIENCE

Adaptability to Kenya's diverse climates and feed conditions.



LONGEVITY

Daughters that stay productive over many lactations.



FERTILITY

Bulls selected for ease of conception and calving.



Where can one get KAGRC products?

-  **KAGRC Headquarters**
Lower Kabete, Nairobi County
-  **Goat AI Centre**
Kirinyaga County
-  **Sotik Substation**
Bomet County
-  **Eldoret Substation**
Uasin Gishu County
-  **Tharaka Nithi Substation**
Chuka Tharaka Nithi County
-  **Wundanyi**
Taita Taveta County

How do I seek further information on the sexed semen or any other information about KAGRC products and services?



for more information

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