



Sexed Semen

Congratulations!
It's a Girl!

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A Global Livestock Services Company

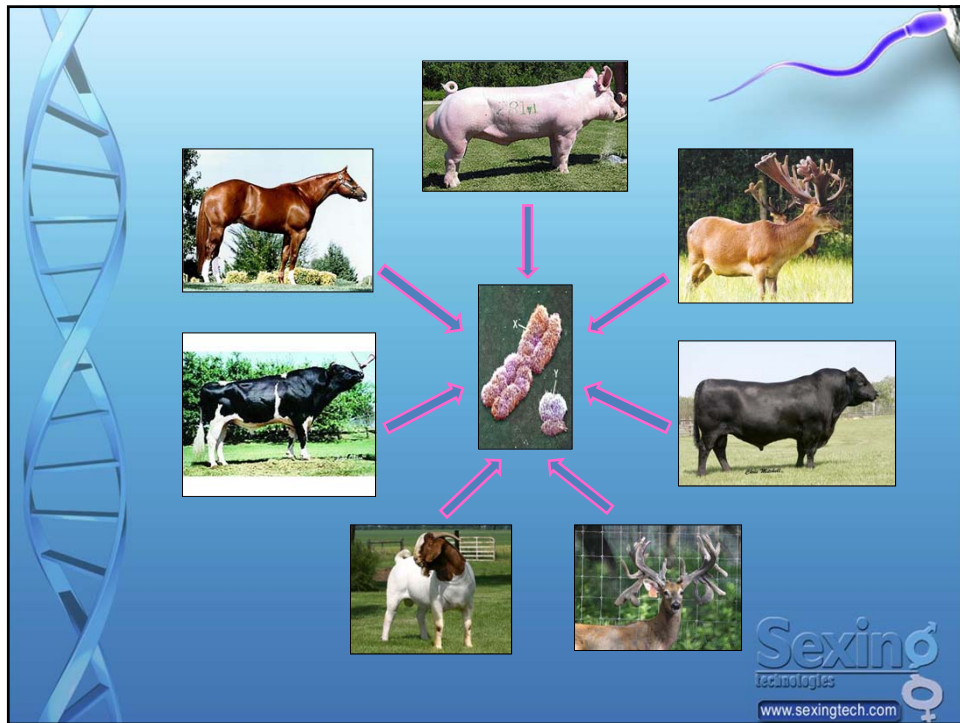


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SELECT SIRE gender SELECTed SEMEX semeXX
 ABS ABS SEXATION Accelerated Genetics ACCESS
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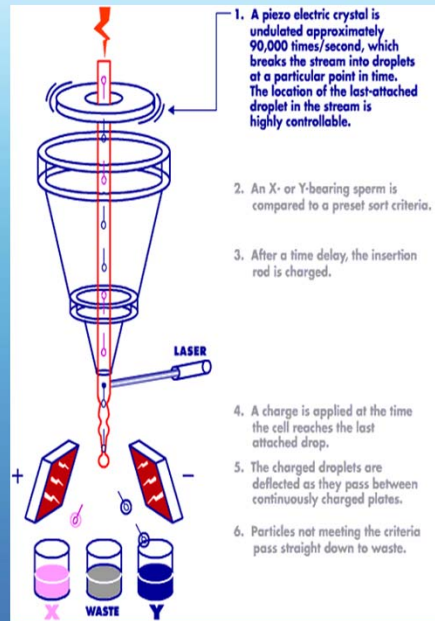
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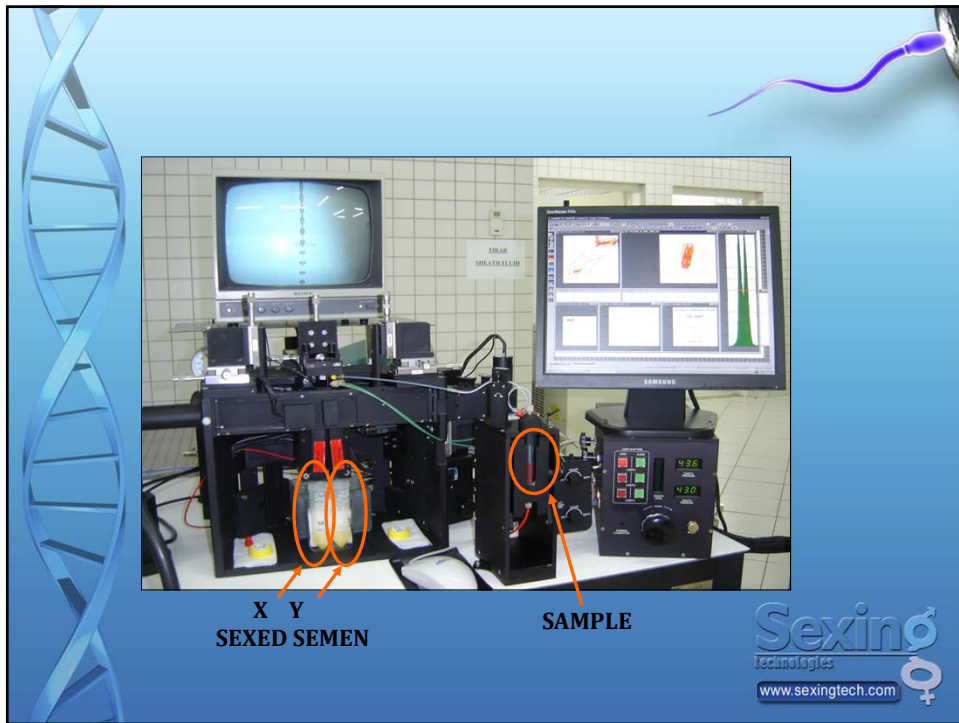
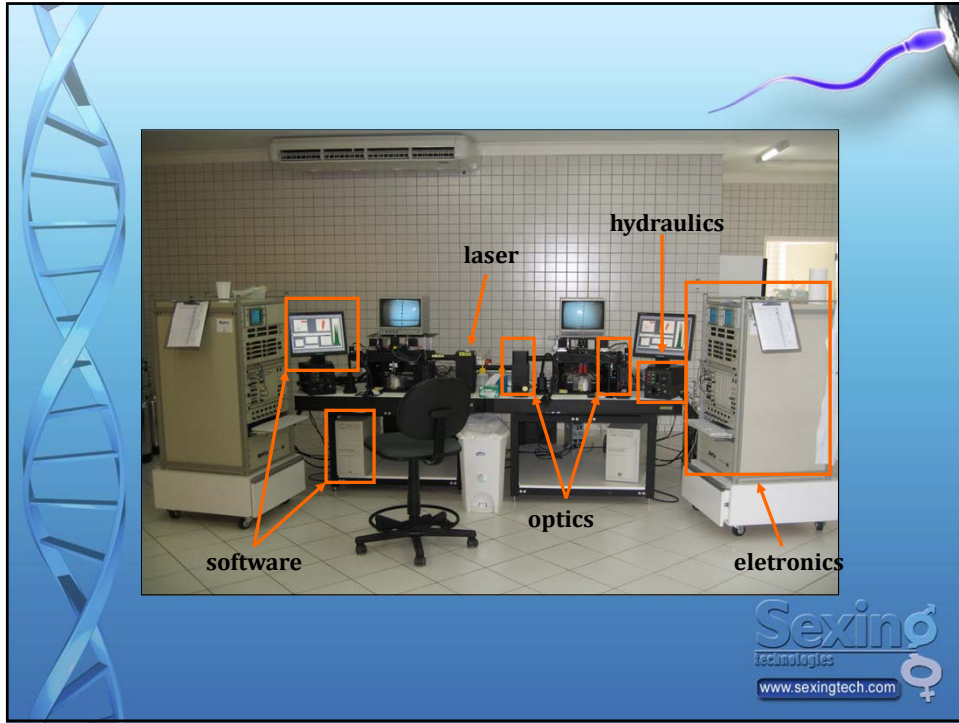
Pre-Sort Quality Control

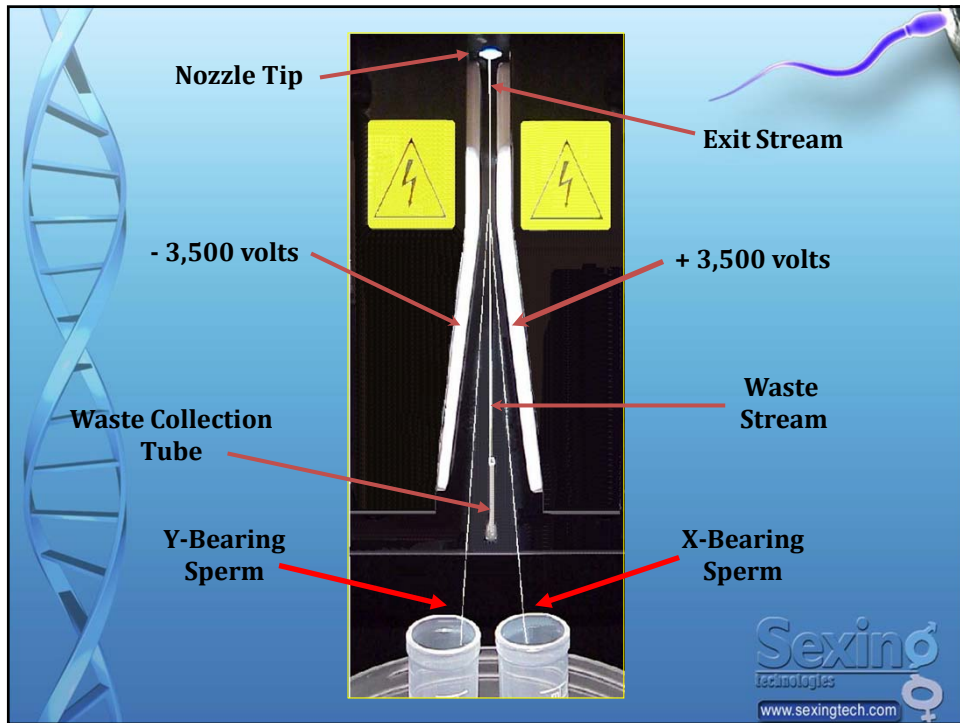
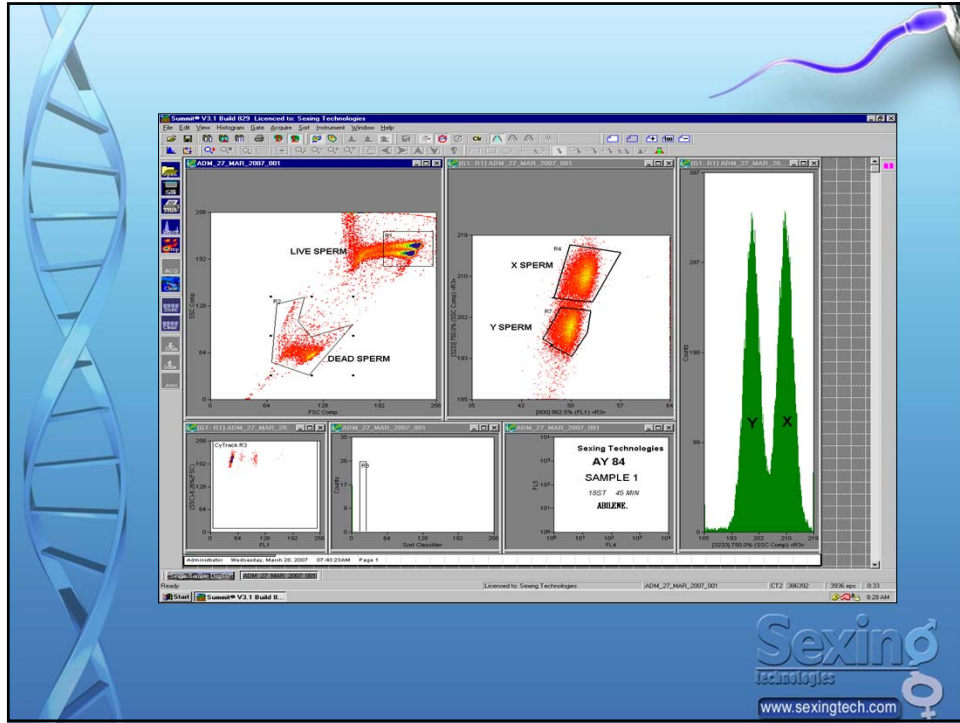
- Volume of 6 - 7 ml minimum
- Concentration of no less than 1.1 billion sperms per ml.
- Motility over 60%
- Less than 15% Primary Problems - Heads
- Less than 15% Secondary Problems - Tails
- Less than 25 - 30% Total Morphologic Problems

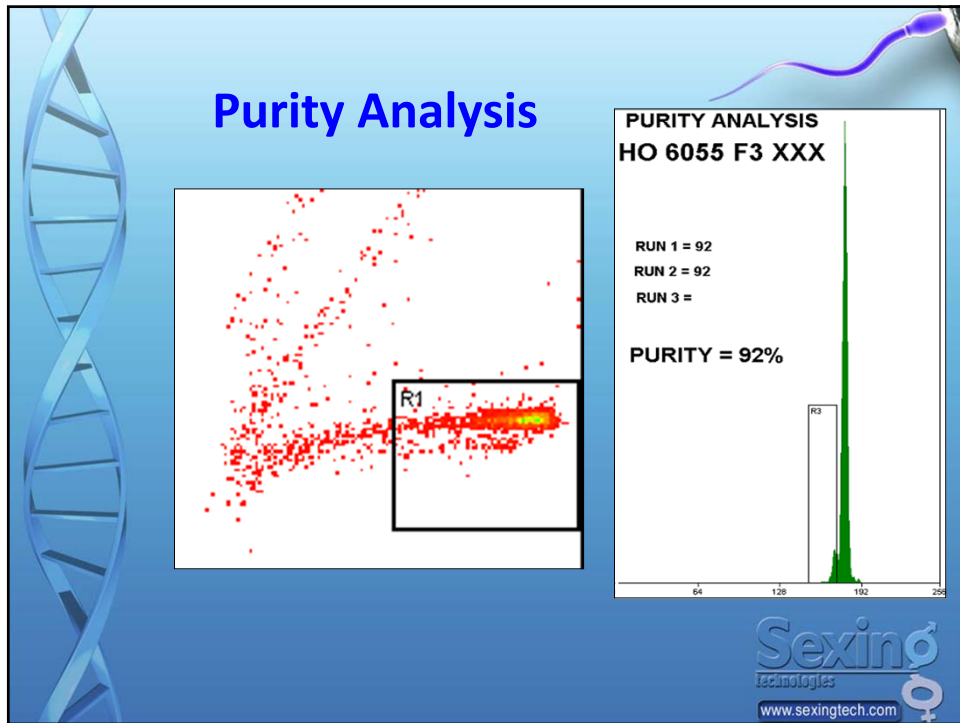
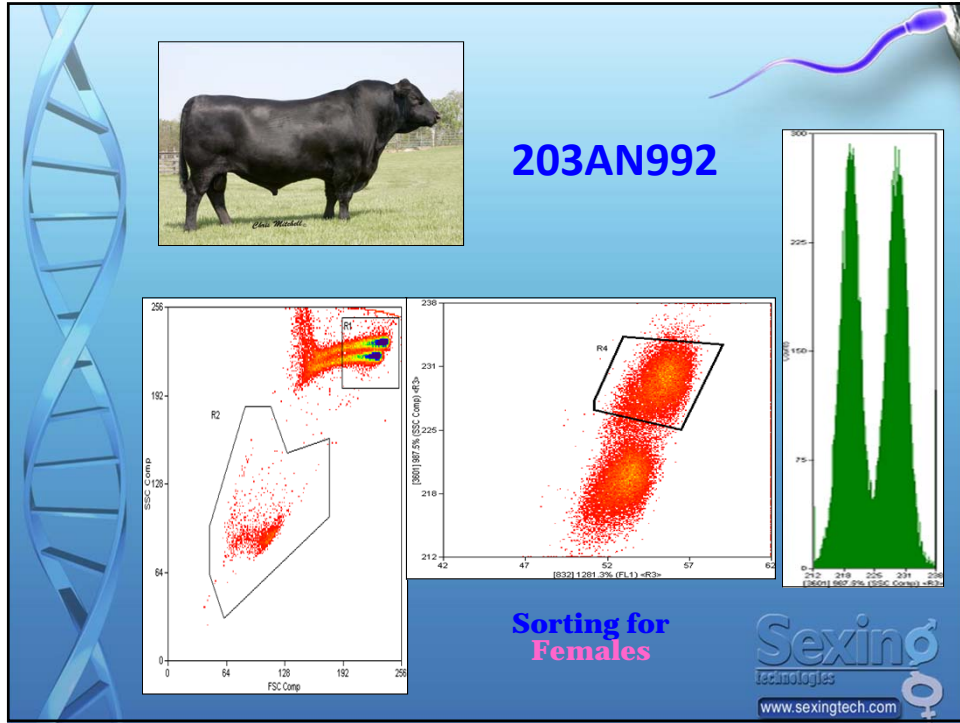
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What's the Economic Relevance?



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Sexed Semen Economics

“We shouldn't dismiss a technology just because of the added cost. We should also factor in the added value that it can provide”

“If someone is taking the time to perform AI or ET, they most likely prefer one gender over the other”

“The cost of the semen relative to the calf's value is very low, but seldom expressed in this way”

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Sexed Semen Economics

“The Return on Investment of Sexed Semen is very attractive with an increasing gender difference ”

“Higher per straw cost and slightly lower conception rates are overcome by an increased percentage of the desired gender”

IVF
2.1 Dose Straws



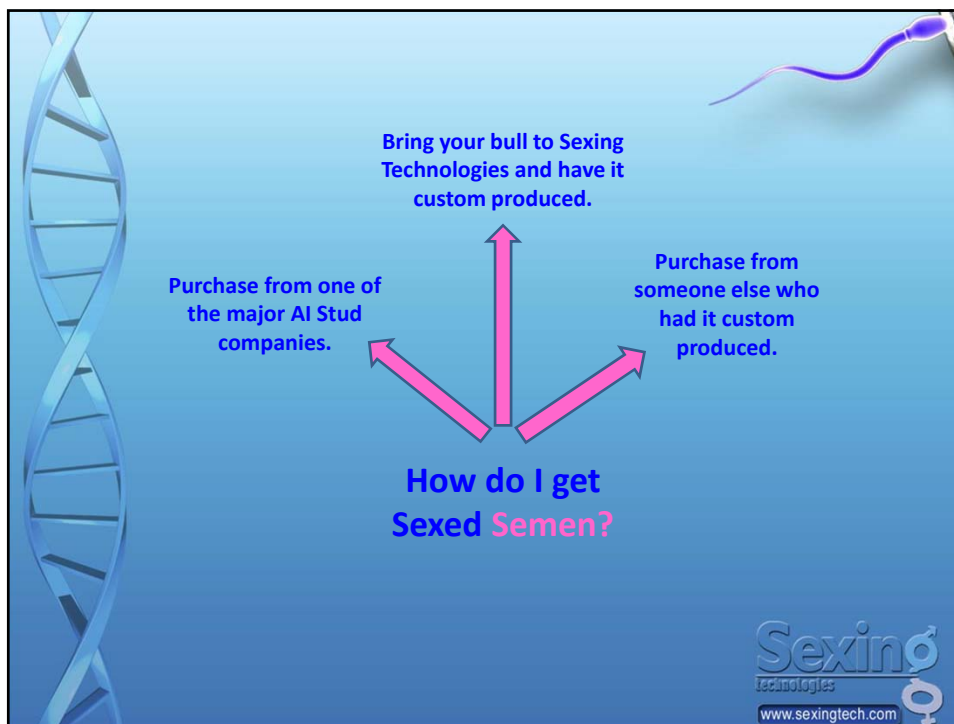
Flushing
5.0 Dose Straws



AI
2.1 or 5.0 Dose Straws



Where do I use
Sexed Semen?



Sexed Semen Myths and Facts

- **A bull produces more heifers or more bulls**—That might be the case at home, but the percentage of bull sperm and heifer semen contained in a bull's ejaculate is never much more than 50/50.
- **Male cells or Female cells swim faster than the other**—Nope.
- **Every bull's semen can be sorted**—Most can, but a few can't due to inherent abnormalities in the sperm cells and sperm "vigorousness".
- **Inherent conception rates associated with sexed semen are static**. Nope. Conception rates with sexed semen are increasing through more effective management and technique, and also through indirect selection for bulls with higher quality semen.
- **The technology isn't proven** —That's not true. Dairy producers buying and using millions of units of sexed semen every year say so.

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