

ARSBC 2017 Seedstock Reproduction

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Seedstock Technologies Used

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- ▶ A.I.- 99.9%, 37 years, Lutalyse
- ▶ Embryo Transplant since 1982
- ▶ Sexed semen- 2011- Bull differences
- ▶ Ultrasound for carcass- (Results)
- ▶ In Vitro, splitting
- ▶ DNA- “gently”

Commercial Producer “Technologies”

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Fertility

- ▶ most important trait of all

Seedstock Responsibilities

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- ▶ Producing those Genetics

For Better Fertility

Genetics!!

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- ▶ Feet- Genetic defects
- ▶ Semen check, Scrotal size(s)
- ▶ Hair
- ▶ Mature cow size
- ▶ Milk
- ▶ Single trait selections
- ▶ Obvious nutrition, health, etc.

Man Made Problems?

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- ▶ Synchronizing- What??
- ▶ Fatten bulls
- ▶ Rare and valuable semen
- ▶ Hit an miss semen production- consistent
- ▶ Older bulls? Why for sure?

Forward Areas to keep looking at.

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- ▶ Pregnancy retention
- ▶ Embryos, ET retention
- ▶ Semen differences in pregnancy rates
- ▶ Standardize semen evaluation method
- ▶ Dry lot cow fertility

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- ▶ Always be alert, so we don't create problems long term, that will have long term negatives for the commercial producer.
- ▶ Mother Nature is hard to outsmart!

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- ▶ Border Collie is the commercial producer here with the seedstock, DNA, drug, and research after him.

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