

## **AgriTech Analytics Introduces Service Sire Fertility Summary for Sexed Semen**

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Reproductive strategies on dairy farms have undergone some major changes over the last several years. Right sizing your heifer population, using beef semen on the genetically inferior cows in your herd, and the use of sexed or gender selected semen are some of those changes.

And while there are a number of sexing technologies available, it is generally accepted that conception rates of cows bred with sexed semen is less than conventional. Contributing to the lower conception rates are changes done to the sperm cells during the sexing process. In addition, there can be fewer sperm cells in a straw of sexed semen than conventional. Because of these reasons and more, data on fertility of sexed semen have been kept out of fertility reports and fertility indexes.

However, the goal of any breeding program is to get a cow pregnant. Included in that process is selection based on the genetic merit of the dam and the service sire.

With that in mind, AgriTech Analytics is introducing our first Service Sire Fertility Summary for Sexed Semen. In the following pages you will find a report that is sorted by NAAB code and another by fertility ranking. Edits and usage criteria of the conventional service sire fertility summary have been applied to the sexed semen summary as well.

The usage of sexed semen has steadily increased over time. And there are those in the industry that think there could be a time when there will be little or no conventional semen used. The only semen used will be sexed or beef semen.

Therefore, without embracing the data on sexed semen, there could conceivably come a day when there would be no Service Sire Fertility Report because of the low volume of conventional semen used.

We hope you find the information useful as part of your service sire selection logic. There are many factors that affect conception rates on dairy cows and sire fertility is only one of those many factors. If you have questions or comments on this summary, please feel free to contact ATA at 800-532-0900.