

# NEWSLETTER

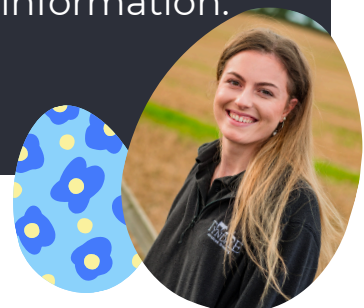


With Easter just around the corner, of course our theme for this edition is all things egg-related! As a thank you for your continued support, we wish our wonderful farmers a **HAPPY EASTER** and share the updates from our team and beyond.

## **Bovine IVF**

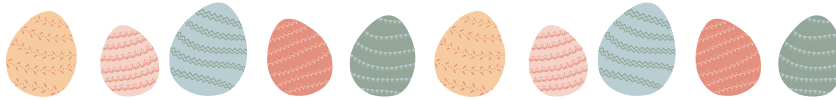
Have you been thinking about embryo transfer work? Now is a great time to chat with us about how it could fit into your breeding plan. We're dedicated to helping you achieve successful pregnancies in your livestock. Please refer to our website or give us a call for further information.

01453 511311  
[www.tyndalevets.co.uk](http://www.tyndalevets.co.uk)



## IVF Collections within the Blue Tongue Zone

Please remember that if you find yourself within a blue tongue restriction zone, you can still undertake Bovine IVF! We can apply for licences and take required blood samples, do get in touch on 01453 511311 for further details.



Steph's interesting fact is that the mammalian egg (oocyte) are among one of the largest cells in mammals. It contains all the vital resources required for early embryonic development!



Our new website is now live!! And shortly, you shall be able to advertise germplasm for sale. This service will be free of charge, a 5% commission will be charged on any sales made. Embryos stored elsewhere can be advertised through the website in the same way but, after a year, an additional charge of £1.10 per embryo per month will be made. More details to follow very soon but if you have any questions just speak to David.



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### Upcoming Bank Holiday Closures

- Friday 18<sup>th</sup> April
- Monday 21<sup>st</sup> April
- Monday 5<sup>th</sup> May
- Monday 26<sup>th</sup> May



## Bovine Semen Collection

It's been nearly 18 months since we started on a project to collect, process and freeze bull semen. It has been quite the journey and like all things with fertility, it is the small bits of detail that matter to get optimum results, that is not always easy. We are now confident and excited to offer our service freezing semen for clients to sell or use themselves!

One observation from our team in the IVF lab is that the quality of the semen once defrosted for bulls varies enormously. Some look like a mass of fresh tadpoles, as it should, some more like a tadpole graveyard, with variation in between.

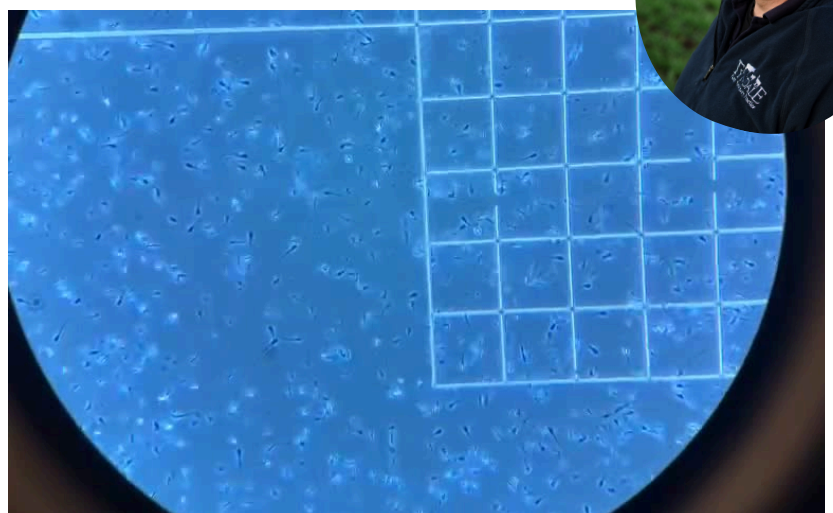
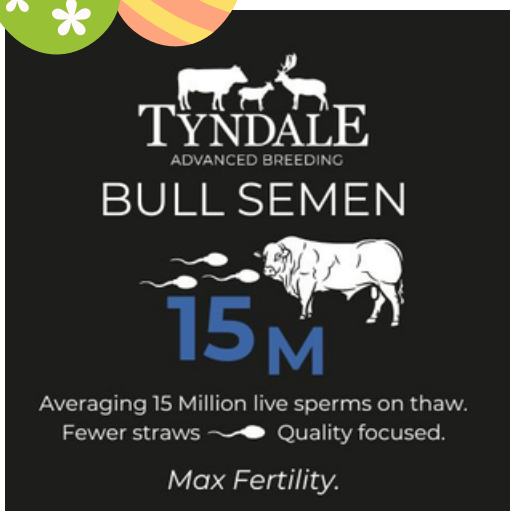
It's a fact that different bulls freeze differently. Not only does this vary between bulls, but between collections on different days with the same bull. Even different collections on the same bull on the same day vary!

We have limited control over how well a bull's semen freezes but we do have control over the amount we can put in each straw. Up to a point, if it freezes less well, you can simply put more in each straw. This reduces the number of straws produced but at least they are capable of producing a calf. However, with really poor freezers it's not possible to do this.

We believe that a gold standard straw should have about 15 million live sperm per straw to set the user up for success. Our focus is quality rather than quantity, meaning that you may receive fewer but better quality straws with a higher concentration of sperm. Unfortunately some collections will end up being discarded if they are too poor quality.

As always, we are very happy to chat this through with anyone interested.

David  
01453 511311





## Caprine AI

Have you considered using advanced breeding techniques in your goats? It is especially helpful if your herd has a high herd health status, as you can breed your own genetically diverse billy replacement without needing to buy in and risk introducing a disease such as CAE or Johnes. If you have a small herd and don't want to have to have a billy on farm then AI is also a great solution to this. Our Caprine Advanced Breeding team have been performing cervical AI in goats for over 8 years and we expect an average of 50% conception rate. We use our own synchronisation program which is tried and tested to get the best results in high yielding dairy goats. We can work with your vet to carry out the sync or we can provide everything you need to sync your goats for AI. We use frozen French semen from proven Saanan and Alpine bucks and we also use proven and unproven Dutch Saanan semen. If you require a different breed as a sire we can source semen for you. We carry out AI in the autumn months, from September to December and we can also AI light-treated females out of season. We can offer laparoscopic AI in addition to cervical AI, this technique is preferable for smaller breeds and maidens.

The semen catalogue for French Saanan and Alpine billies is out now and we will be placing an order in July so if you would like more information on pricing and what options are available to you then please contact the Tyndale Advanced Breeding team or Bryony.

01453 511311

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### Our Advanced Breeding Service

#### Bovine

- OPU & IVF, ovum pick up & in vitro fertilization
- MOET, conventional flushing
- Embryo transfers
- Genetic recovery
- Semen collection
- Storage & logistics
- Import/export
- Residency & on farm options
- Genetic catalogue & repeat breeder embryos

#### Caprine

- Cervical & laparoscopic AI
- Semen imports
- Genetic counselling advice

#### Cervine

- Semen collections & freezing
- Exports

