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<u>Horses</u>- Our pregnant Cleveland Bays are continuing to progress well and the foals are continuing to grow. Our last scan of Fudge and Isabella was around 100 days. Fudge is one of our donor mares, and is carrying a foal by our Cleveland's, Clarence and Willow. Isabella is one of our two purebred mares. She was bred to a stallion named Stainmore Wolfhound. While all of our foals will help boost the current population of Cleveland's, of which there are fewer than the Giant Panda., Isabella's is genetically important to the breed. The stallion that has been bred to her currently only has 5 purebred foals in the world. As the gene pool becomes smaller, any new bloodlines that can be made help improve the quality of the breed. At the 100 day mark, both foals were starting to form bone structures and were around the size of a Jack Russell Terrier.

Fudge



Foal's Spine

Isabella



Foal's Eve Socket

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In other Cleveland news one of our geldings, Kenjoc Etay Buckshot has officially made his debut as a full-fledged carriage horse. He is the first Cleveland Bay to be a carriage horse on the streets of Williamsburg since the time of Lord Dunmore. He is currently being paired with one of our more experienced horses Zander who is teaching him the ins and outs of being a carriage horse for CW.



Buckshot (left)

Zander (right)

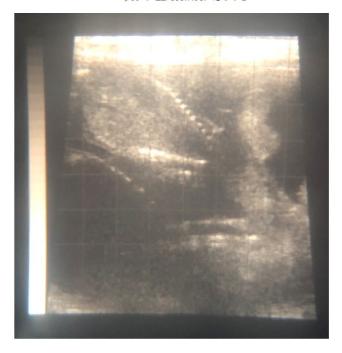
<u>Cattle</u>- It's breeding season yet again! This past week Darin and Lauren, our outstanding ox drivers, got their hands dirty to breed our Devon cattle. As part of our ever expanding rare breeds programs we have been actively breeding our cattle both the American Milking Devon's as well as the Milking Shorthorns. Darin and Lauren are both certified Artificial Insemination (AI) technicians and have been breeding our cattle successfully over the last year. While some of our cattle are currently pregnant and are due in the next few months, these next few will be due in the early fall of 2019.

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<u>Sheep</u>- In October we 18 of our Leicester Longwool Sheep. This is the first time in a number of years that we have used Artificial Insemination. As this is a much more complicated process than for cattle or horses a specialist from Oregon come to perform the procedure. The first of our lambs will be due in Mid-March. Unlike cattle and horses more than 50% of the births result in triplets or twins. The picture below is a cross section of the rib cage of a lamb.

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<u>Pasture-</u> Over the last year we have worked hard in planting grass for our animals. Our Bypass facility was completely replanted in early September and we are seeing great results. In a few days our Devon cattle will get to enjoy this fresh new grass for the winter.



