



HAYS HOUSE STUD

BROMELTON HOUSE 1842

HAYS CONVERTER ASSOCIATION NEWS REPORT 2022 PROJECT AUSTRALIA

8th December, 2022

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To All Hays Converter Association Members,

After another very challenging year, the Hays Converter Project continues along the same guidelines as last year, although the milestones have moved. Bromelton House suffered two significant floods where the Logan River rose 14.4 meters in February and March, which destroyed the majority of our unground irrigation network and fences. The weather continued to be incredibly wet, which made it difficult to plant our Winter forage crops e.g., Oats and Barley. However, the Hays Converters have progressed well and the Ultrablack X Hays Converters calves have performed very well.

This update is again a basic overview of our plans for the future and brief update of our vision for primary beef production in a world trending to zero emissions. Genotypic identification (DNA composition) will play an extremely important role in the Hays

Converter Project as it defines each animals' actual potential or genetic code. The DNA sequencing (genome sequencing) of our Hays Converter animals is scheduled to begin in March/April 2023. I have included some recent photographs of our Hays Converters at Bromelton House.

A. Bulls



Bulls at the Main Dam in November 2022

Hays House Stud will continue to focus on Sire Selection based on performance data, SNP's and whole genome sequencing. Semen collection of the Bulls will start in Winter and our Breeding Centre is currently going through Government accreditation for export of genetic material internationally.

B. Cows/Heifer's



Cow and Heifer grazing under the Pecan Orchard in October 2022

Performance and genotypic (DNA composition) data collection for the females will continue using similar parameters as described in the Bulls.

Bromelton House has initiated a joint venture to develop our own onsite laboratory for all ET, Semen collection and IVF.

C. Composite Animals

1. The second crop of Hays Converter crossed with Ultrablack calved in August 2022. To date, these composite animals are showing remarkable weight gains at pasture.



Hays Converter x Ultrablack (5/16 Brahman x Angus) August 2022 calf

2. Bromelton House remained focused on development of the “HAYULI”, as stated in last year’s report; is a composite based around the African Tuli breed and the Hays Converter. The aim of this composite is to produce an animal with reduced carbon emissions, be rapidly growing, feed efficient and be tolerant to heat and ticks. These composites may be more suitable for the more Northern regions of Australia.

D. New Projects/Research and Development

A new development for 2023 is the introduction of the BORAN breed of cattle to Bromelton House. These may also allow for the construction of an interesting composite animal for the more tropical areas.

I would like to give special thanks to Terri Worms, Kathy and Dan Hays for all of their organizational work and support through a very complex and challenging 2022. Lastly, I would like to wish all members and their families a Merry Christmas and Happy New Year for 2023.

To conclude; a quote.

Son, if you really want something in this life, you have to work for it. Now quiet! They’re about to announce the lottery numbers.’ – *Homer Simpson*

kindest Regards and a Very Merry Christmas
 Stuart, Kathy, Katelyn and James Murray

Stuart Murray

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BVSc (hon)

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