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Nindooinbah

Angus | Ultrablack | Brangus

## The Central Principles of Nindooinbah’s “All-Black Polled” Beef Seedstock Business

IDENTIFY	Measure, Evaluate, Select and Source the Superior Animals: male and female
MULTIPLY	Utilise Leading-Edge ET and AI to multiply the best
DELIVER	Bulls and Females that meet the needs of northern producers through production sales & contract breeding that surpass specifications, deliver on time and budget

## Nindooinbah’s Breeding Program

All three herds run together in the sub-coastal, sub-tropics of southeast Queensland.

### 3 BREEDS

ANGUS	The #1 performance-recorded beef breed in the world. The breed with most ‘branded beef’ programs in the world.
BRANGUS	Taurindicus black-polled cattle highly selected for temperament, carcass quality and fertility.
ULTRABLACK	Basically Angus with enough indicus to extend the range of the Angus – a combination of the two above breeds packed with performance and carcass quality.



## Angus

The Angus program was established with the purchase of 650 fully performance-recorded, proven cows from Lawsons Angus; one of the oldest recorded herds in Australia, leader in genetic improvement for the breed for more than forty years.

From their day of arrival the Nindooinbah Angus herd has been fully recorded. Selection emphasis at Nindooinbah Angus has focussed strongly on calving ease, moderate mature size for efficiency but with fast growth to market weights and superior carcass quality.

Semen from leading Global Angus sires is used in selected matings with our carefully chosen ET donor cows. Increasingly these are leading Australian AI sires with multi-trait excellence, strongly evaluated under Australian environmental & market conditions.

Yearling mating is practiced at Nindooinbah.

If you are looking for an Angus bull to add meat quality growth and fertility to your herd – Nindooinbah Angus delivers this for you.

## Brangus

Nindooinbah Brangus: Concentrating on 3/8 indicus content Brangus, but developing new Brangus bloodlines selected from crosses and blends of the leading Angus and Brahman genetics available.

Strongly based on embryos and semen from the leading Brangus programs in USA, particularly the Brinks- Camp Cooley program of multi-generation and fully performance-recorded 3/8 content Brangus.

A number of the top Angus donors are mated to produce new Brangus bloodlines. The Australian Brangus Cattle Association allows animals between 25-75% Brahman content to be enrolled. Over time these new combinations will breed on to produce new 3/8 Brangus animals for the Nindooinbah herd and the Brangus breed.

The registered Brangus cattle are all recorded for birthweight, calving ease, growth to maturity and scanned by an accredited scanning technician for carcass traits in Brangus BREEDPLAN. That technician independently measures scrotal size in the young bulls.

Calm temperament and tropical adaptation is carefully measured and selected for at weaning and as yearlings before entering the breeding program.



## Nindooinbah UltraBlacks

### WHAT IS AN ULTRABLACK?

The base for the UltraBlacks is the Nindooinbah Angus herd of 650 top performance-recorded females in the country mated or flushed to semen from trait-leading US Brangus sires mainly from the famous Brinks Brangus program in Texas. These sires have been selected with a strong emphasis for carcass yield, marbling and fertility.

Nindooinbah UltraBlacks are carefully blended crosses by registered Brangus (3/8 Brahman content) sires out of registered Angus cows. The UltraBlack programme at Nindooinbah provides the best genetics that the Angus and Brangus has to offer. The result of the cross is an animal with 3/16 Brahman and 13/16 Angus.

### WHAT ARE THE ATTRIBUTES OF THE ULTRABLACK?

Put simply, black, polled and sleek coated to extend the range of Angus bulls in the north.

The 3/16 Brahman blood makes for a sleeker coated animal conferring improved heat resistance such that the animal can survive and breed in a number of climatic zones.

Ultrablack bulls show clean sheaths and above-average scrotal development. Hump and ears are diminished making them eligible for MSA programs when mated appropriately, while their polled heads assist in crossbreeding programs that aim to breed the horns off future cattle. Ultrablack females produce impressive levels of maternal hybrid vigour.

### WHAT IS THE ROLE FOR THE ULTRABLACKS IN THE NORTH?

With their improved heat resistance relative to straightbred Angus, UltraBlack bulls can be used in harsher environments. Mated to high grade Brahman cows UltraBlack bulls will provide a strong level of hybrid vigour, improved carcass quality and a higher level of reproductive performance in the daughters combined with the ability to be adapted herd replacements.

## Performance Predictability at Nindooinbah

All Nindooinbah cattle are performance-recorded from birth through to mature cow weights for females, scanned using accredited ultrasound technicians and using DNA tests where applicable to refine selection of yearling bull and heifer replacements.

### MULTI-BREED GENETIC EVALUATION

Genetic evaluation through the Angus Australia Multi-breed Register (MBR) allows for direct EBV comparisons of all animals sold from various genotypes so that buyers can select the best bull for their particular requirements.

All Angus, Brangus and UltraBlacks at Nindooinbah are recorded together in the MBR genetic evaluation system. The goal in recording in the MBR is to benchmark all animals in the Nindooinbah herd and to measure the integration of new combinations in the Brangus and UltraBlack herds and to fully utilise the huge database of performance in Angus Group BREEDPLAN analysing the breed in Australia and New Zealand.

### COMPARISONS IN LARGE MOBS AT NINDOOINBAH

Young animals of all Nindooinbah breeds and blends run together in large contemporary groups. Careful distribution of young cattle from all breeds/ combinations in large contemporary groups is required to enable highly accurate across-breed, multi-breed genetic evaluations.

## Genomic Selection at Nindooinbah

The first revolution in beef cattle selection in Australia was the launching of BREEDPLAN in 1986 with subsequent refinements in fertility and carcass traits quickly following.

The second revolution is currently underway with the integration of genomic information from DNA markers into our selections. Nindooinbah is closely following new developments to keep the business ahead of competitors by leading in the most advanced genetic selection techniques. Feed efficiency is the next frontier Nindooinbah would like to integrate in its selections.

In doing so, we simply follow where our white meat competitors, the pig and poultry industries went to lower production costs thus gaining relative price advantage while meeting consumers’ quality requirements.

# Custom or Contract ET Breeding at Nindooinbah

## DESIGNED BREEDING

Nindooinbah's core competency in large-scale embryo transfer allows the company to enter into contracts with producers looking to source bulls and heifers of the highest genetic merit in the shortest time possible and at a known price.

## TAILOR-MADE BULLS AND HEIFERS

Where the customer defines the breeding objectives for their program, Nindooinbah will work with the customer to source the best genetics and breeding programs possible. Specifications and price are developed and then Nindooinbah puts in place the type and size of program to deliver the contracted animals (normally at weaning) on specification, on time and on budget, year after year.

Full details available on request.



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