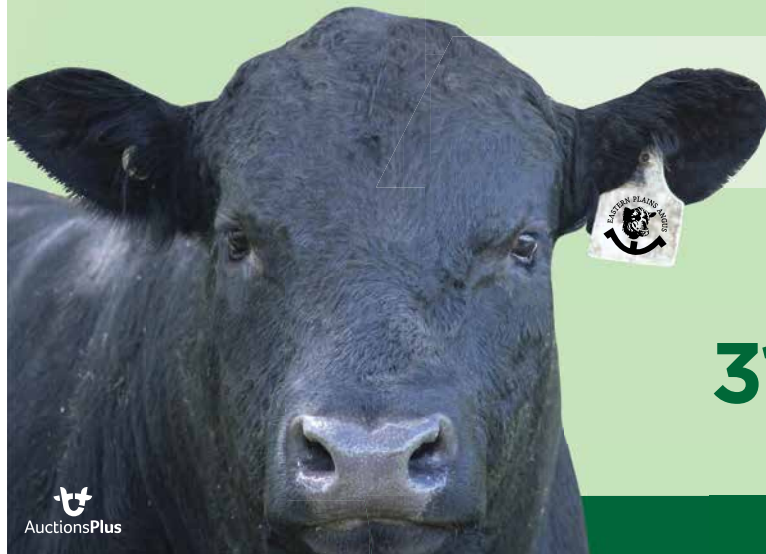


# EASTERN PLAINS ANGUS BULL SALE



AuctionsPlus

OPEN DAY  
24 JULY 2018

70 BULLS  
31 JULY 2018, 1pm

- Free delivery up to 500km -

[www.easternplainsangus.com.au](http://www.easternplainsangus.com.au)

Andrew 02 6779 4237

“Eastern Plains” Guyra NSW

[easternplains@activ8.net.au](mailto:easternplains@activ8.net.au)

At Eastern Plains Angus, we're 5th generation seedstock Angus producers.

Alongside our stud herd of around 220 registered females, we run a self-replacing herd of some 600 commercial females.

We are committed to producing fertile bulls with a balance of growth & carcase traits, backed by comprehensive testing, performance recorded with Angus BREEDPLAN, fully registered with Angus Australia & continually proven in our own commercial herd.

## Maternal Strength

The foundations of our breeding herd are our Maternal lines, representing over 100+ years of breeding & performance recording. In an environment dominated by long winters with severe frosts, our female herd has been continuously selected for fertility & hardiness for over a century.

Above all else, whatever market specifications your production system is geared to, we see our main profit driver to be 'more calves on the ground early in the season'.

To this end we relentlessly select for females who:-

- thrive & calve unassisted in winter when pasture nutrition is poor
- rejoin early in the Spring breeding season without the added cost of supplementary feeding
- wean a calf early autumn
- interval of less than 12 months between calves

This maternal strength & proven years of breeding underpins our team of 2018 Sale Bulls. As we all look to rebuilding herd numbers following on from some tough dry seasons, these qualities are integral to a successful breeding program, no matter what the geographic location.



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# - OPEN DAY - TUESDAY 24<sup>TH</sup> JULY 2018

9.30am to 3.00pm

Join us at "Eastern Plains", Guyra NSW, to inspect the bulls & enjoy a complimentary BBQ lunch

## Bulls backed by BULLCHECK™

The bulls you introduce into your herd impact on your profitability for many years to come. From a genetic perspective, we use & recommend Angus BREEDPLAN to assist with bull selection.

However, Angus BREEDPLAN does not provide an objective fertility measurement. This can be found in BULLCHECK™, a standardized descriptor of bull fertility, developed & endorsed by Australian Cattle Veterinarians (ACV). It includes an assessment of structural soundness, examination of reproductive organs, measurement of scrotal circumference + both Semen Motility & Semen Morphology testing, all conducted by an ACV accredited veterinarian.

This will be the 12th consecutive year, in which we offer Bulls who have been both Semen Motility & Semen Morphology tested, the results of which are printed in our catalogue (look for the BULLCHECK™ logo for each Lot). We are one of only a few seedstock producers who test & report both. Here is why we regard these as being so important to Bull selection decisions.

### (a) Semen Motility

An assessment of the percentage of sperm cells in a semen sample that are observed as 'moving forward' (as well as colour). Sperm cells must be motile, as at approx. 60µm

long, they've a way to travel to get the job done! Often referred to as a 'crush side' semen test, following collection of a semen sample, a drop is placed on a microscope slide & examined, 'crush side', to assess the percentage of sperm cells moving forward. Minimum guidelines for Semen Motility recommend >30% progressively motile sperm.

### (b) Semen Morphology

Morphology is the anatomy or structure of the sperm. It cannot be tested 'crush side', requiring a large & specialised laboratory microscope to examine a preserved semen sample. It assesses the percentage of normal & abnormal sperm cells in a semen sample and can have a major effect on bull fertility.

Does semen morphology matter? You bet it does! Very importantly, it will pick up defects in the sperm that 'crush side' testing cannot. The most serious of these defects can see the sperm start to fertilise an egg but fail to result in a viable embryo & the female will fail to fall pregnant on that cycle. Whilst bulls with poor morphology may still sire calves, it comes at the added cost of late calves as some embryos are lost during the mating season prior to maintaining pregnancy. This delay in achieving pregnancy can result in smaller calves at weaning. It means a shorter recovery time post calving to rejoining, putting undue



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pressure on the female to rejoin, & thus a higher incidence of PTE.

Significantly, recent research indicates the link between semen morphology & age of daughters at puberty, to be more heritable than the link between scrotal size & age of daughters at puberty. As well, the time between calving and cycling again, can also be influenced by the morphology of the heifer's sire.

Though morphology in mature bulls is largely repeatable, it is important to note that Semen Morphology can vary in subsequent samples from the same bull. Stress can cause this & putting a bull through a sale ring will likely cause some stress! However, a bull producing semen with a high percentage of normal sperm has a 'buffer' to withstand more of a drop in his semen morphology & still comply with minimum fertility standards, than a bull that inherently (or genetically) produces semen with a lower percentage of normal sperm.

A threshold guide for minimum Semen Morphology is:-

- (a) >70% normal sperm for bulls used in single sire matings or AI
- (b) >50% normal sperm for bulls used in multiple sire matings



# 70 BULLS

## Tuesday 31st July 2018 at 1pm

- Independent Structural Assessment by BeefXcel
- Ear notch tested PI negative (pestivirus)
- Vibrovax, 7in1, pestigard vaccinated
  - JBAS8 & EU accredited
  - 500kms FREE DELIVERY
- Angus Australia Angus Assured Catalogue
  - BULLCHECK™
  - AuctionsPlus interfaced
- Fully Registered with Angus Australia
  - Fully Performance Recorded with Angus BREEDPLAN
    - Sons of:
      - Musgrave Big Sky,
      - Carabar Docklands D62,
      - Connealy Revenue 7392,
      - Wattletop Franklin G188,
      - Silveiras Conversion 8064,
      - Sydgen Black Pearl 2006,
      - Eastern Plains Docklands K38 (AI),
      - Eastern Plains Equator K63 (AI),
      - Eastern Plains Equator K66 (AI)

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