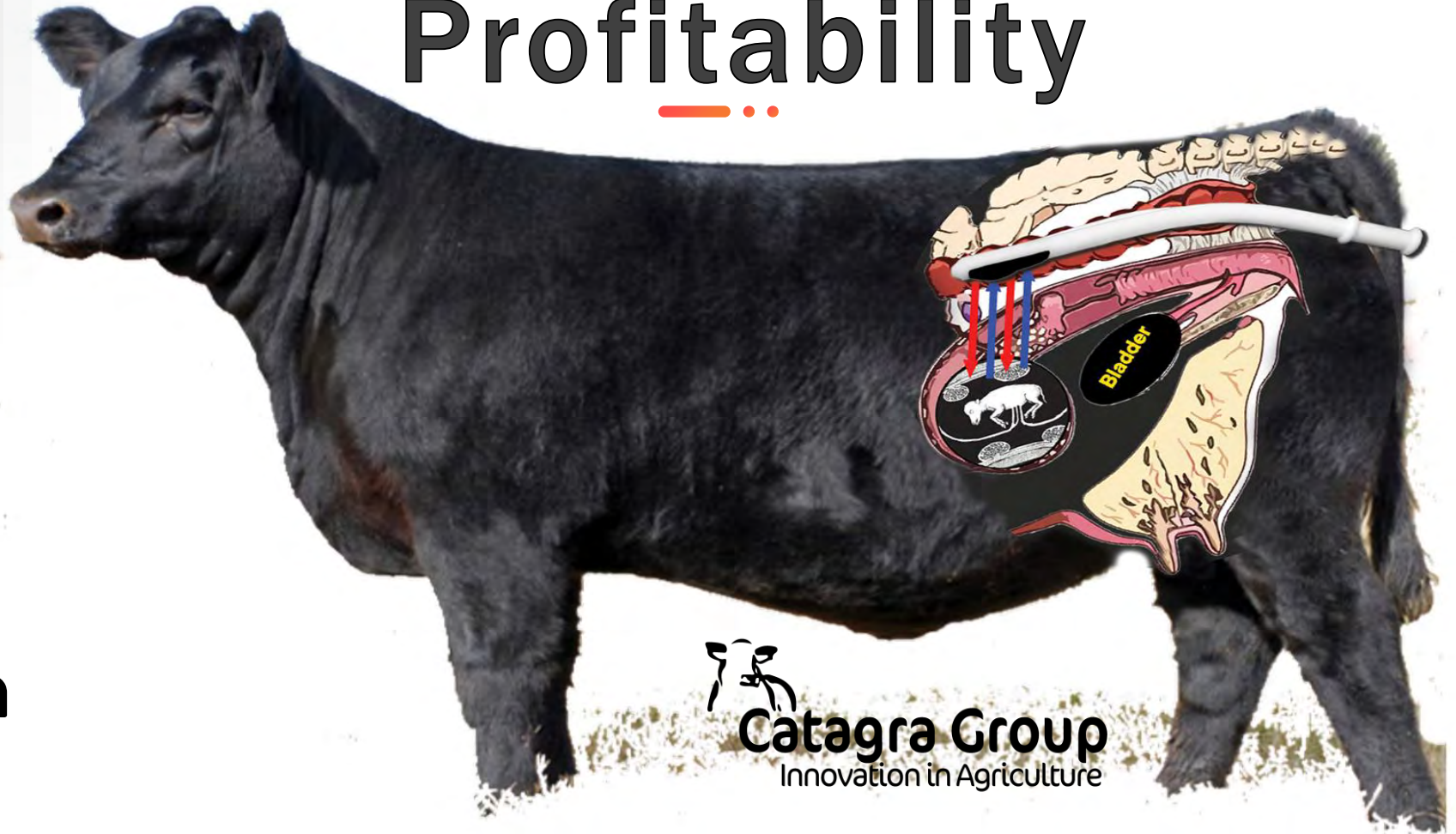


EARLY **PREG TESTING**

The Key to Profitability



Colin Hammond
Managing Director

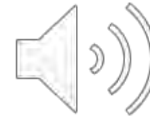
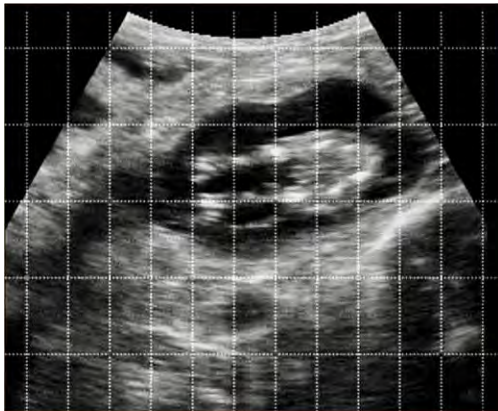


ReproScan
Ultrasound Technology


Catagra Group
Innovation in Agriculture



PREG TESTING OF BEEF CATTLE



Main Objective:

The key to profitability
for all beef breeding
enterprises is high
reproductive efficiency

QUESTION:
IS A “BREEDING COW”
REALLY A BREEDER?

— . .



**If she is
not back
in calf ?**



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**DROUGHT
RECOVERY**

**REBUILDING
HERD
NUMBERS**



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4



Retaining empty cows to build depleted herds is a slow and expensive exercise.



The cattle business is no different to any other business – same principles apply



It makes no sense to feed grass to non-productive stock.





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Provides Opportunities



Grass needs to be allocated



Early preg testing is an
invaluable tool



Provides time to identify
opportunities to fill income
gaps



Catagra Group
Innovation in Agriculture



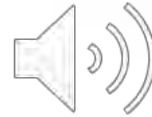
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EARLY

IDENTIFICATION OF

NON-PERFORMERS

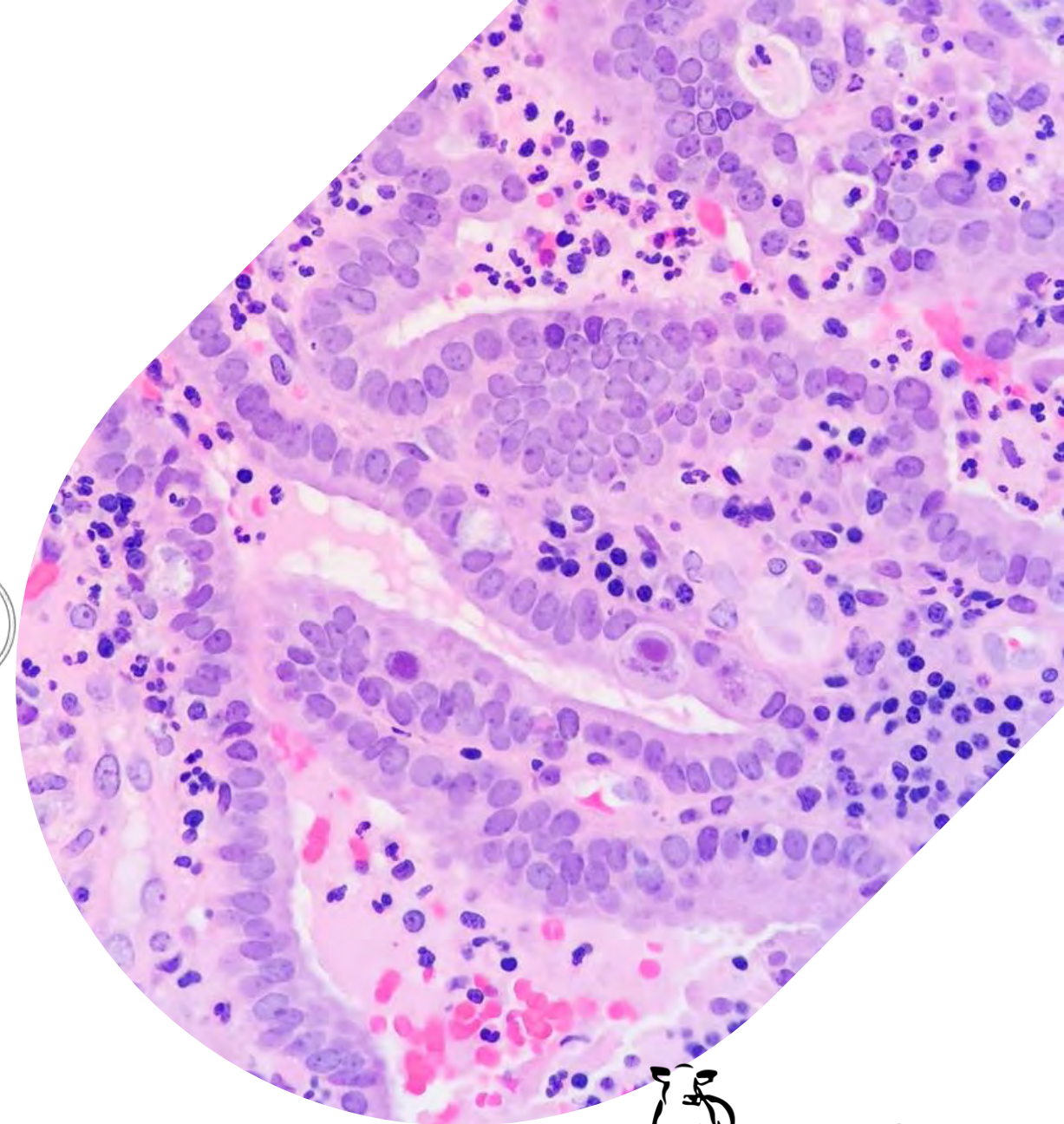
- Provides better marketing opportunities
- Provides flexibility to manage seasonal fluctuations
- Improved herd management
- Minimisation of unnecessary feed costs
- **IMPROVED FINANCIAL PERFORMANCE.**



EARLY IDENTIFICATION OF INFERTILITY



- Identify abnormalities and infertility
- Low pregnancy rates may indicate problems with a individual bull
- Possible indication of an infectious disease or inadequate nutrition prior to joining



Challenges

In Northern Beef Herds

— . .



- A cow has 83 days to conceive after calving to maintain an annual calving
- If cows are joined for longer than 83 days, then an annual calf is unachievable

For Northern breeder herds this is an impossible and unrealistic goal





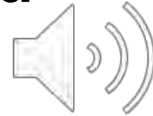
FINANCIAL BENEFITS of Identifying Empty Cows **EARLY**



- Provides better marketing opportunities for empty and out of season breeders
- Improves Cash Flow
- Reduces unnecessary feed and lick costs
- Provides management flexibility

Calving Performance

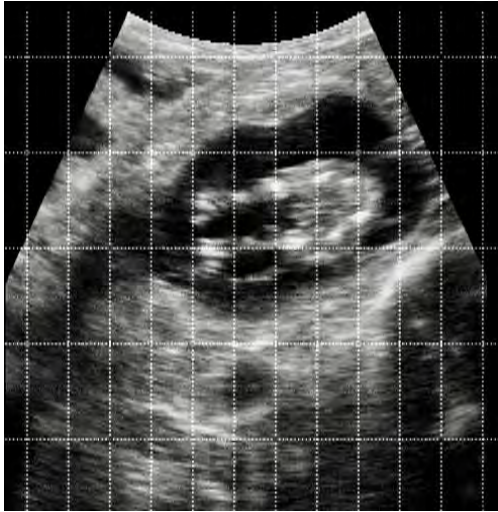
- Drought results in long drawn out calvings
- Unidentified empty cows fed for additional 5 months
- Provides opportunity to tighten calving spread
- Improve lifetime performance from early conceived heifers
- Heifers are an excellent group to start tightening calving period



The Benefits of ReproScan

11

Vs Manual Palpation



**Increased
Accuracy**



**Easier
To
Learn**



**Reduced
Operator
Fatigue**



**Cows
Processed
Faster**





ReproScan
Ultrasound Technology



THE DRIVERS OF ULTRASOUND



Intensive Dairy operations



Visible embryonic loss



Earlier pregnancy diagnosis



Fast, accurate and non-invasive



PREG TESTING IN A 3000 COW DAIRY HERD



- **JOINING:**
 - 6 weeks AI followed by
 - 6 weeks with back-up Bulls



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Ultrasound Technology

THE DEVELOPMENT OF **ULTRASOUND**

16



**Ultrasound has been
used on cows for
25 years.**



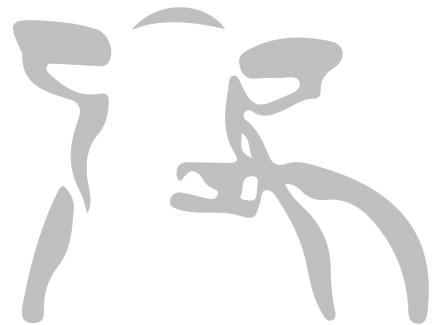
**This Technology and
Equipment has
advanced greatly.**

CONVEX PROBE: ~~THE~~ GAME CHANGER



PROVIDES A MASSIVE FIELD OF VIEW





ReproScan
Ultrasound Technology

THE BENEFITS

- Provides convenience to Preg Test paddock by paddock to suit your mustering program
- Earlier preg testing providing greater financial returns



- Maximise production and minimise unnecessary feed costs
- Non-Invasive and easy to use and learn
- Staff can be trained
- Improve processing efficiency



**Trainers pass on their
experience having preg tested
1000's of cows**



The Catagra Group provide on-property ReproScan Training Courses



**Courses are practical and very
hands on**



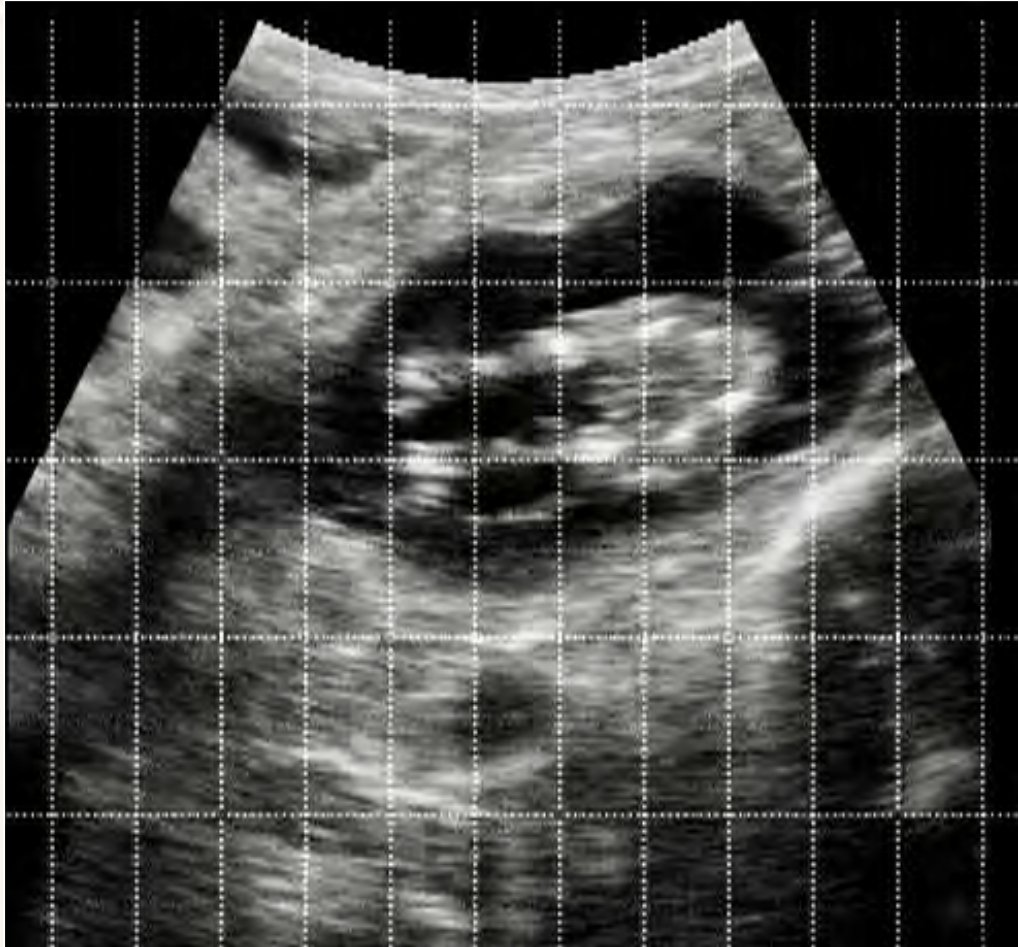
REPROSCAN AROUND THE WORLD



SUMMARY

Non-pregnant cows are unproductive and should be removed from the herd.

▶ Pregnancy testing 4-6 weeks after the end of joining is a cheap and convenient method of identifying non-pregnant cows at an early stage. Pregnancy testing can also identify herd fertility problems, enabling earlier investigation and action than would otherwise be possible





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Q & A

