



Wool industry Issues and research to 2013

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Definition of welfare

5 freedoms

- Hunger & thirst
- Discomfort
- Pain / injury / disease
- Fear / distress
- Express normal behaviour

Wool industry issues to 2013

- Social contract – new T&Cs
- Husbandry acts:
 - Commission
 - Omission
- 3R appraisal:
 - Reduce the need
 - Refine the procedure
 - Replace with a better alternative

AWSC
Research planning mtg
5.12.2008

Likely issues - 5 yrs

Husbandry practices

- Invasive
 - (Shearing)
 - Castration
 - Tail docking
 - Artificial breeding
 - E T
 - A I
 - Identification
- Stressful
 - Mustering
 - Preg scanning
 - Horn trimming
 - Foot paring
 - Parasite control
 - Endo (e.g. drenching)
 - Ecto (e.g. dipping)

Husbandry omissions

- Reproductive inefficiencies
- Parasite management
- Drought
- Shelter
- Nutrition
- Predation

Research required

Assessment methodology

Welfare assessment

- Pain?
- Discomfort?
- Stress?
- Intensity?
- Duration?
- Impact?

Practices

- Pain relief production benefits
- Wool harvesting alternatives

Research required

- Consensus on methodology:
 - How many parameters?
 - Pain
 - Discomfort
 - Stress
 - Intensity
 - Duration
 - Impact
 - How measured?
 - Cortisol
 - Behaviour
 - Monofilament
 - Haptoglobin
 - Other?
- Practices:
 - Production benefits of pain relief
 - Wool harvesting