

**RANGELANDS**

# Grazing fundamentals EDGE

Foundations for grazing production

A one-day workshop to give you a foundational understanding of animal nutrition, landscape function and grazing land management within the rangelands of WA.

## Modules and key topics covered

### 1. Nutritional requirements for animal production

- The importance of nutrition
- Digestion, nutrients and water
- Condition score of livestock
- Diet quality and phases of pasture growth
- Forage demand and determining forage intake
- Animal equivalents and applying AEs/DSEs

### 2. Factors affecting forage production

- The water and nutrient cycle
- Climate, climate influences and decision dates
- Land systems
- Soil types, soils profiles and soil biological properties
- Vegetation, perennials versus annuals and the role of shrubs
- Landscape function, biocrusts and indicators of landscape dysfunction
- Land condition and land condition indicators
- Pasture stability and resilience

### 3. Grazing management

- Improving land condition
- How stocking rate influences animal production
- Diet quality and diet selection
- Evenness of grazing
- Grazing management systems
- Management of total grazing pressure
- Long-term and short-term carrying capacity
- Forage budgeting, accessible and unpalatable yield

### Activities

1. Animal husbandry cycle mapping
2. Breeder energy demand
3. Stock inventory and feed demand
4. Climate profile and decision dates
5. Mapping land systems
6. Assessing land condition
7. Land condition, indicators and monitoring
8. Long term carrying capacity (LTCC)
9. Tactical grazing management strategies



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CONSULTING

**RANGE IQ**



**Geraldton, WA**  
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**Delivered by**

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**\$850 + GST**

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Grazing fundamentals rangelands EDGE has been developed by Meat & Livestock Australia