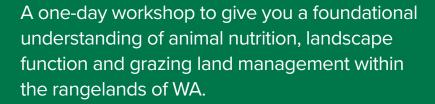
RANGELANDS

Grazing fundamentals EDGE

Foundations for grazing production



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







Geraldton, WA
6 December 2024



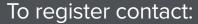
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\$850 + GST





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