

Feed on Offer Photo Library

Use in conjunction with the Lifetime Ewe Management feed budgeting tables available at lifetimewool.com.au



Cereal crop FOO values

Grazing cereals is common in many regions. The following relationships between Green cereal height and the FOO values have been supplied by the Grain and Graze project. Full details of grazing and use of cereals by livestock can be found at www.grainandgraze2.com.au

If the crop is less than 25 cm tall, sown at 17.5 cm spacing, use the relationship below between crop type, height and yield. For all green cereals, the energy content is usually 11-12 MJ/kg (72-78% Digestibility).

Wheat:	Each 1 cm = 60 kg/ha, Feed on Offer	For 15 cm rows add 10% to the FOO values.
Barley:	Each 1 cm = 75 kg/ha, Feed On Offer	For 20 cm rows reduce the FOO values by 10%.
Triticale:	Each 1 cm = 65 kg/ha, Feed On Offer	

Lifetime Ewe Management

The FOO Library was developed by Australian Wool Innovation and the Rural Industries Skills Training Centre to help people undertaking the Lifetime Ewe Management course. Further details can be found at;

Australian Wool Innovation: www.wool.com

RIST Centre: www.rist.com.au

Lifetime Ewe Management: www.rist.com.au/lifetime_ewe_management

FOO Library Collaborators

The FOO Library project was established and managed by Geoffrey Saul, PSA Services Hamilton. Darren Gordon, Coordinator of Lifetime Ewe Management managed interaction between RIST, Lifetime Ewe and the Library. Assistance and comments were provided by Anita Morant, Kirsty Kennedy and Tim Prance.

Many public and private research and extension officers across Australia assisted in the project including:

Victoria; Margaret Raeside, Steve Clark, Lisa Warn, Anita Morant, Meredith Mitchell, Ken Wilson

New South Wales; Luke Harrison, Ben Watts, Sue Boschma, Garry Armstrong

Queensland; David Counsell

Western Australia; Eric Dobbe, Rodger Bryant, Matthew Young, Jonathon England, Mandy Curnow, Mike Hyder

South Australia; Tim Prance, Daniel Schuppan

AWI, RIST, Lifetime Ewe Management, PSA Services and the individual officers who provided photos and data for the library, accept no liability whatsoever by reason of negligence or otherwise arising from the use of or release of this information or any part of it.



Lifetime Ewe Management




Lifetime Ewe Management - FOO Library Results

Red grass

121 benwatts2-5-12




	Green	Dead
Feed On Offer (kg/ha):	1,026	684
Digestibility (%):	48.6	47.3
Equivalent to		
Metabolizable Energy (MJ/kg):	6.7	6.5
Sheep Intake (MJ/day):	6.2	
50kg dry, Condition score 3		
Crude Protein (%):	10.2	8.2
Pasture Height (cm):	3	6
Ground Cover (%):	80	
Legume (%):	10	
State:	NSW	
Location:	Central West	
Climate Zone:	Cool Temperate	
Major Species:	Red grass	

Comments	Tropical pasture used in GrazFeed assessment
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122 benwatts_RG_2512



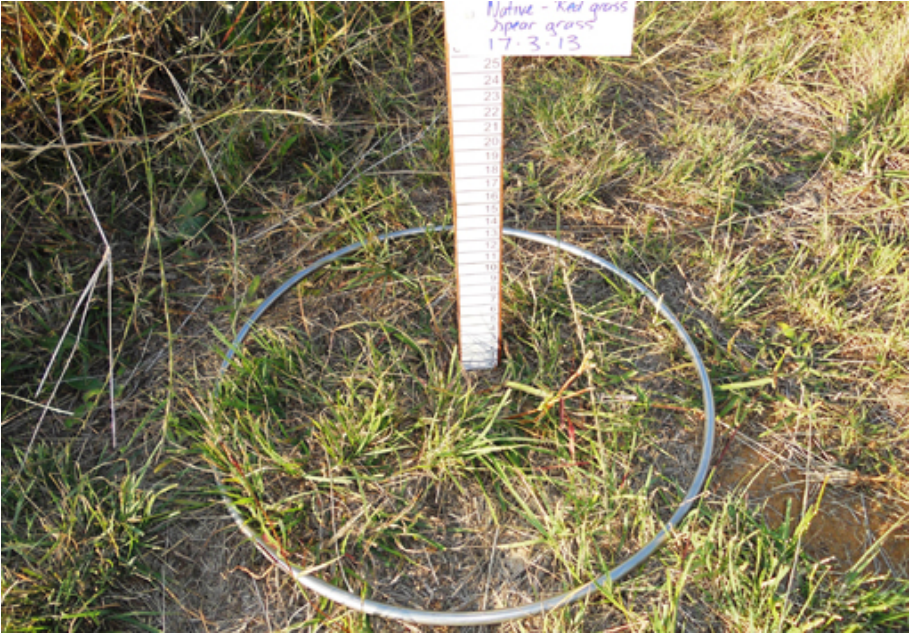
	Green	Dead
Feed On Offer (kg/ha):	2,450	1,050
Digestibility (%):	48.6	47.3
Equivalent to		
Metabolizable Energy (MJ/kg):	6.7	6.5
Sheep Intake (MJ/day):	6.8	
50kg dry, Condition score 3		
Crude Protein (%):	10.2	8.2
Pasture Height (cm):	8	12
Ground Cover (%):	80	
Legume (%):	10	
State:	NSW	
Location:	Central West	
Climate Zone:	Cool Temperate	
Major Species:	Red grass	


Comments	Tropical pasture used in GrazFeed assessment
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Lifetime Ewe Management - FOO Library Results

Red grass

339lhRG170313LowFOO




	Green	Dead
Feed On Offer (kg/ha):	950	650
Digestibility (%):	59	38
Equivalent to		
Metabolizable Energy (MJ/kg):	8.6	4.9
Sheep Intake (MJ/day):	8.2	
50kg dry, Condition score 3		
Crude Protein (%):	14	4.1
Pasture Height (cm):	3	2
Ground Cover (%):	60	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Red grass	

Comments	
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340lhRG180313MediumFOO



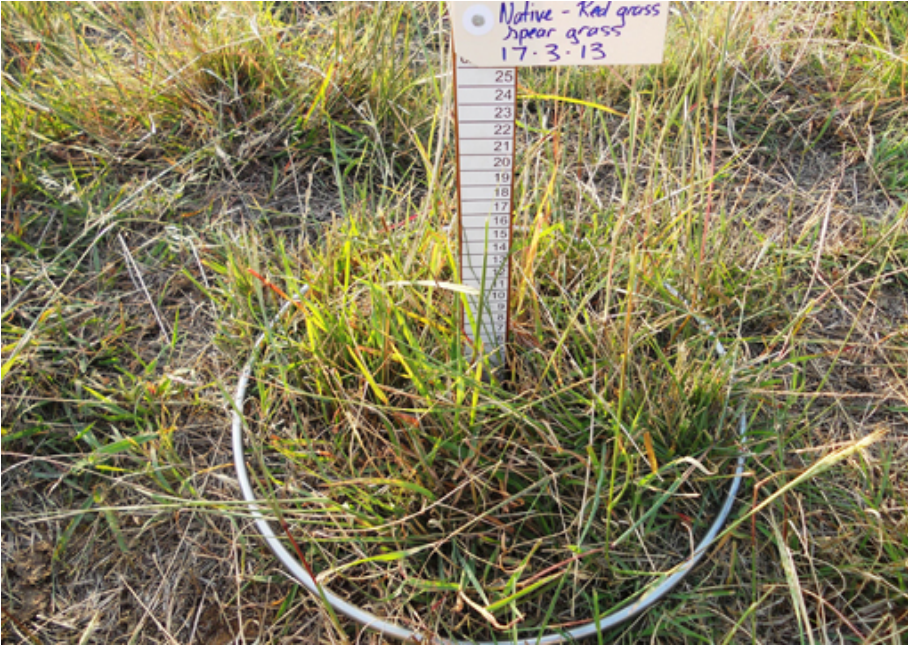
	Green	Dead
Feed On Offer (kg/ha):	1,700	500
Digestibility (%):	59	38
Equivalent to		
Metabolizable Energy (MJ/kg):	8.6	4.9
Sheep Intake (MJ/day):	10.3	
50kg dry, Condition score 3		
Crude Protein (%):	14	4.1
Pasture Height (cm):	4	1.5
Ground Cover (%):	80	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Red grass	


Comments	
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Lifetime Ewe Management - FOO Library Results

Red grass

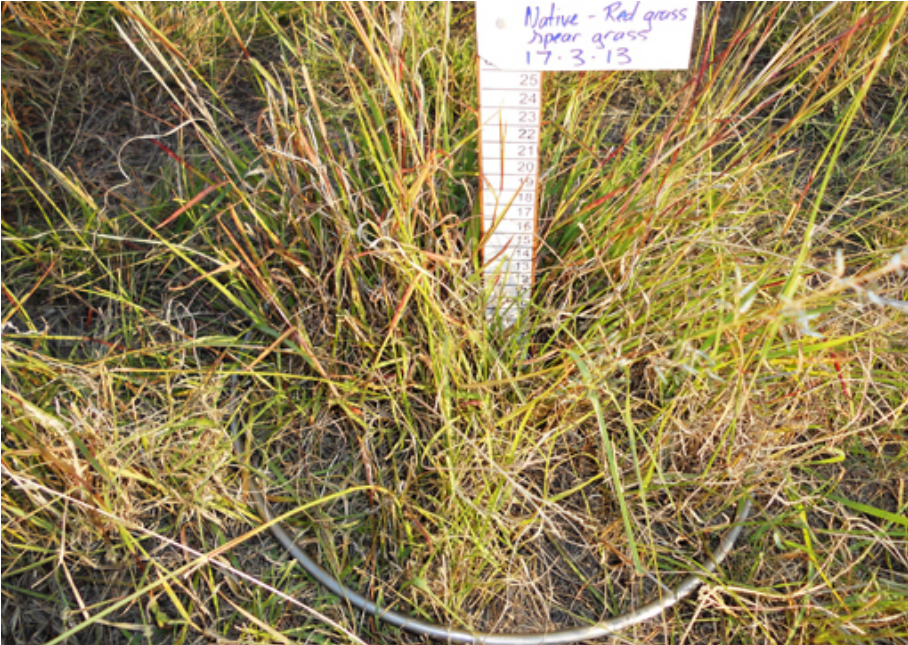
341lhRG170313HighFOO




	Green	Dead
Feed On Offer (kg/ha):	3,700	2,200
Digestibility (%):	50	37
Equivalent to		
Metabolizable Energy (MJ/kg):	6.7	4.7
Sheep Intake (MJ/day):	4.5	
50kg dry, Condition score 3		
Crude Protein (%):	7	4.1
Pasture Height (cm):	10	5
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Red grass	

Comments	
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342lhRG170313VeryHighFOO



	Green	Dead
Feed On Offer (kg/ha):	4,350	5,200
Digestibility (%):	50	37
Equivalent to		
Metabolizable Energy (MJ/kg):	6.7	4.7
Sheep Intake (MJ/day):	4.6	
50kg dry, Condition score 3		
Crude Protein (%):	7	4.1
Pasture Height (cm):	15	8
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Red grass	


Comments	
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Lifetime Ewe Management - FOO Library Results

Red grass

77-BW-WinterRedgrassMed




	Green	Dead
Feed On Offer (kg/ha):	755	712
Digestibility (%):	44	47
Equivalent to		
Metabolizable Energy (MJ/kg):	5.8	6.5
Sheep Intake (MJ/day):	5.9	
50kg dry, Condition score 3		
Crude Protein (%):	10	8.2
Pasture Height (cm):	3	5.0
Ground Cover (%):	100	
Legume (%):	10	
State:	NSW	
Location:	Central West	
Climate Zone:	Cool Temperate	
Major Species:	Red grass	

Comments	
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82-BW-WinterRedGrassLow



	Green	Dead
Feed On Offer (kg/ha):	600	215
Digestibility (%):	44	47
Equivalent to		
Metabolizable Energy (MJ/kg):	5.8	6.5
Sheep Intake (MJ/day):	5.7	
50kg dry, Condition score 3		
Crude Protein (%):	10	8.2
Pasture Height (cm):	2	3.0
Ground Cover (%):	60	
Legume (%):	10	
State:	NSW	
Location:	Central West	
Climate Zone:	Cool Temperate	
Major Species:	Red grass	


Comments	
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Lifetime Ewe Management - FOO Library Results

Red grass

84-BW-WinterRedgrassHigh



	Green	Dead
Feed On Offer (kg/ha):	860	800
Digestibility (%):	44	47
Equivalent to		
Metabolizable Energy (MJ/kg):	5.8	6.5
Sheep Intake (MJ/day):	6.2	
50kg dry, Condition score 3		
Crude Protein (%):	10	8.2
Pasture Height (cm):	5	7.0
Ground Cover (%):	100	
Legume (%):	10	
State:	NSW	
Location:	Central West	
Climate Zone:	Cool Temperate	
Major Species:	Red grass	

Comments	
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