

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
NSW Winter Northwest Slopes

16LH-260812-Vineyard-VeryLow




	Green	Dead
Feed On Offer (kg/ha):	450	710
Digestibility (%):	75	41
Equivalent to		
Metabolizable Energy (MJ/kg):	11.2	5.5
Sheep Intake (MJ/day):	10	
50kg dry, Condition score 3		
Crude Protein (%):	17	3.0
Pasture Height (cm):	3	2.0
Ground Cover (%):	50	
Legume (%):	40	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Prairie grass	

Comments	This paddock has been spelled for 80 days and has had very little rain
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17LH-260812-Vineyard-Medium




	Green	Dead
Feed On Offer (kg/ha):	3,330	950
Digestibility (%):	75	41
Equivalent to		
Metabolizable Energy (MJ/kg):	11.2	5.5
Sheep Intake (MJ/day):	17	
50kg dry, Condition score 3		
Crude Protein (%):	17	3.0
Pasture Height (cm):	8	8.0
Ground Cover (%):	100	
Legume (%):	75	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	White clover	

Comments	
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Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

18LH-260812-Vineyard-High




	Green	Dead
Feed On Offer (kg/ha):	3,240	1,330
Digestibility (%):	78	38
Equivalent to		
Metabolizable Energy (MJ/kg):	11.8	4.9
Sheep Intake (MJ/day):	17	
50kg dry, Condition score 3		
Crude Protein (%):	18	6.7
Pasture Height (cm):	18	14.0
Ground Cover (%):	100	
Legume (%):	15	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Prairie grass	

Comments

19LH-260812-Vineyard-VeryHigh




	Green	Dead
Feed On Offer (kg/ha):	5,900	1,140
Digestibility (%):	78	38
Equivalent to		
Metabolizable Energy (MJ/kg):	11.8	4.9
Sheep Intake (MJ/day):	17	
50kg dry, Condition score 3		
Crude Protein (%):	18	6.7
Pasture Height (cm):	20	10.0
Ground Cover (%):	100	
Legume (%):	5	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Prairie grass	

Comments

Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

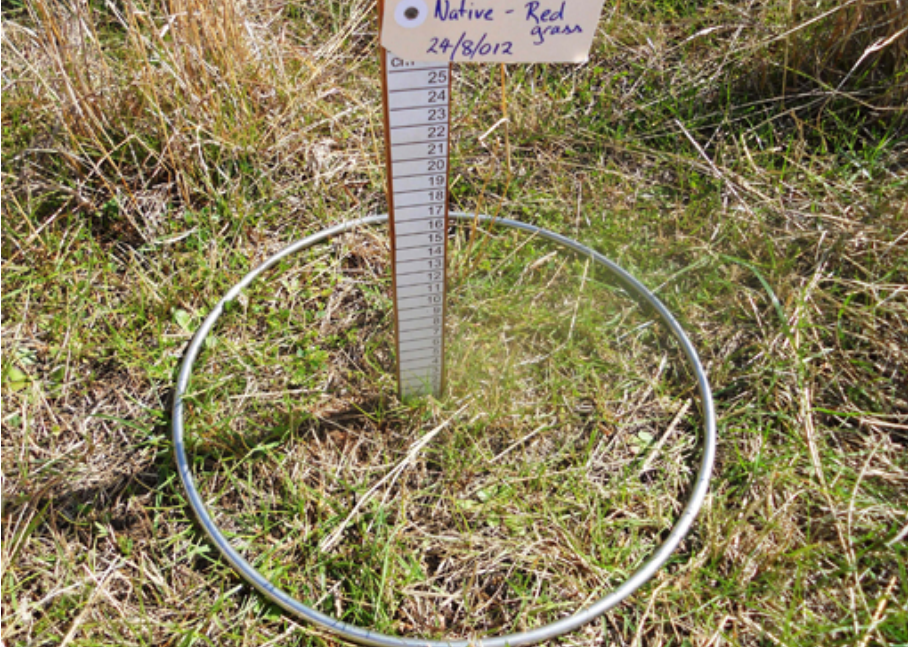
1SB-RIMG0012




	Green	Dead
Feed On Offer (kg/ha):	320	2,554
Digestibility (%):	53	37
Equivalent to		
Metabolizable Energy (MJ/kg):	7.5	4.8
Sheep Intake (MJ/day):	7.4	
50kg dry, Condition score 3		
Crude Protein (%):	6	4.1
Pasture Height (cm):	4	8.0
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	
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20LH-260812-Africa-VeryLow




	Green	Dead
Feed On Offer (kg/ha):	860	1,050
Digestibility (%):	70	31
Equivalent to		
Metabolizable Energy (MJ/kg):	10.4	3.8
Sheep Intake (MJ/day):	8	
50kg dry, Condition score 3		
Crude Protein (%):	9	4.5
Pasture Height (cm):	3	2.0
Ground Cover (%):	95	
Legume (%):	5	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Couch grass	

Comments	Paddock rotationally grazed by cattle, no stock fo 10 days prior to samples taken
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Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

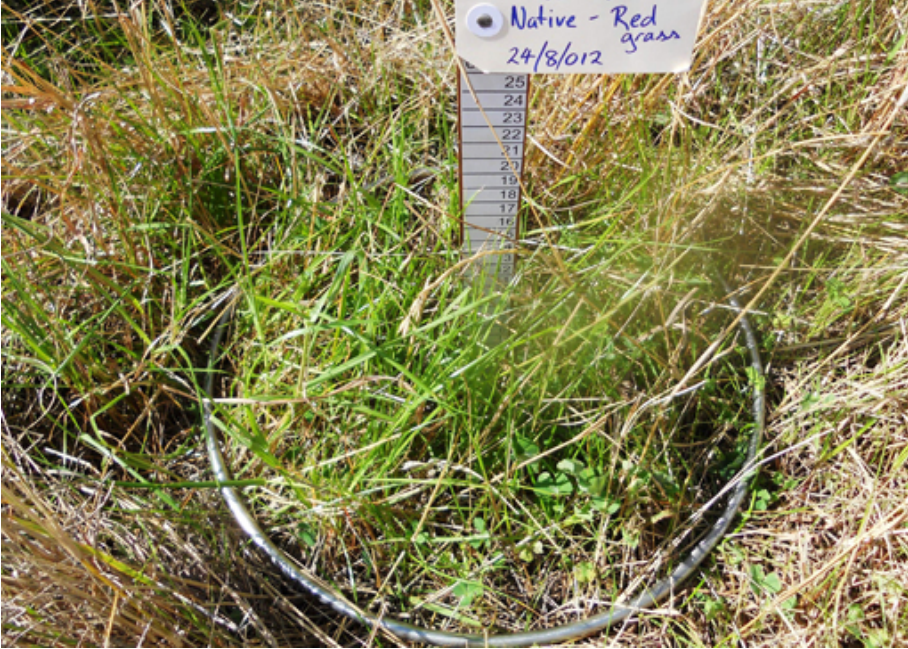
21LH-260812-Africa-Medium




	Green	Dead
Feed On Offer (kg/ha):	1,050	2,480
Digestibility (%):	70	31
Equivalent to		
Metabolizable Energy (MJ/kg):	10.4	3.8
Sheep Intake (MJ/day):	9	
50kg dry, Condition score 3		
Crude Protein (%):	9	4.5
Pasture Height (cm):	7	20.0
Ground Cover (%):	100	
Legume (%):	5	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Spear grass	

Comments	
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22LH-260812-Africa-High

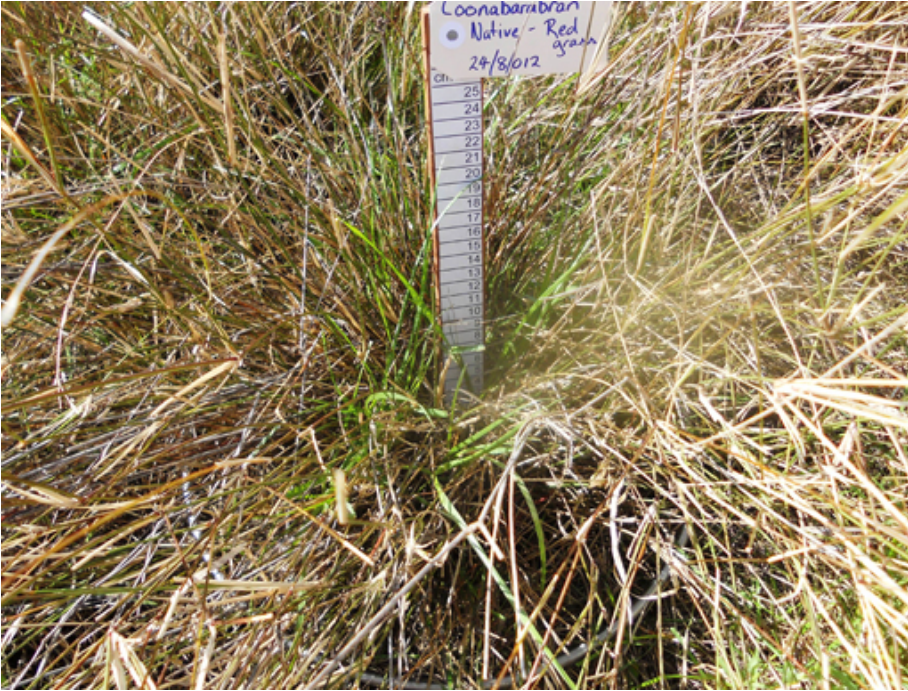



	Green	Dead
Feed On Offer (kg/ha):	1,330	2,480
Digestibility (%):	76	26
Equivalent to		
Metabolizable Energy (MJ/kg):	11.5	2.8
Sheep Intake (MJ/day):	15	
50kg dry, Condition score 3		
Crude Protein (%):	19	3.8
Pasture Height (cm):	12	12.0
Ground Cover (%):	100	
Legume (%):	5	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Spear grass	

Comments	
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Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

23LH-260812-Africa-VeryHigh




	Green	Dead
Feed On Offer (kg/ha):	1,450	6,952
Digestibility (%):	76	26
Equivalent to		
Metabolizable Energy (MJ/kg):	11.5	2.8
Sheep Intake (MJ/day): 50kg dry, Condition score 3	16	
Crude Protein (%):	19	3.8
Pasture Height (cm):	14	30.0
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Spear grass	

Comments	
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2SB-RIMG0002




	Green	Dead
Feed On Offer (kg/ha):	470	3,781
Digestibility (%):	53	37
Equivalent to		
Metabolizable Energy (MJ/kg):	7.5	4.8
Sheep Intake (MJ/day): 50kg dry, Condition score 3	8.3	
Crude Protein (%):	6	4.1
Pasture Height (cm):	6	12.0
Ground Cover (%):	85	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	
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Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

3SB-RIMG0005




	Green	Dead
Feed On Offer (kg/ha):	850	6,445
Digestibility (%):	52	40
Equivalent to		
Metabolizable Energy (MJ/kg):	7.3	5.3
Sheep Intake (MJ/day):	6.9	
50kg dry, Condition score 3		
Crude Protein (%):	4	2.7
Pasture Height (cm):	10	18.0
Ground Cover (%):	80	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	
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4SB-RIMG0006b

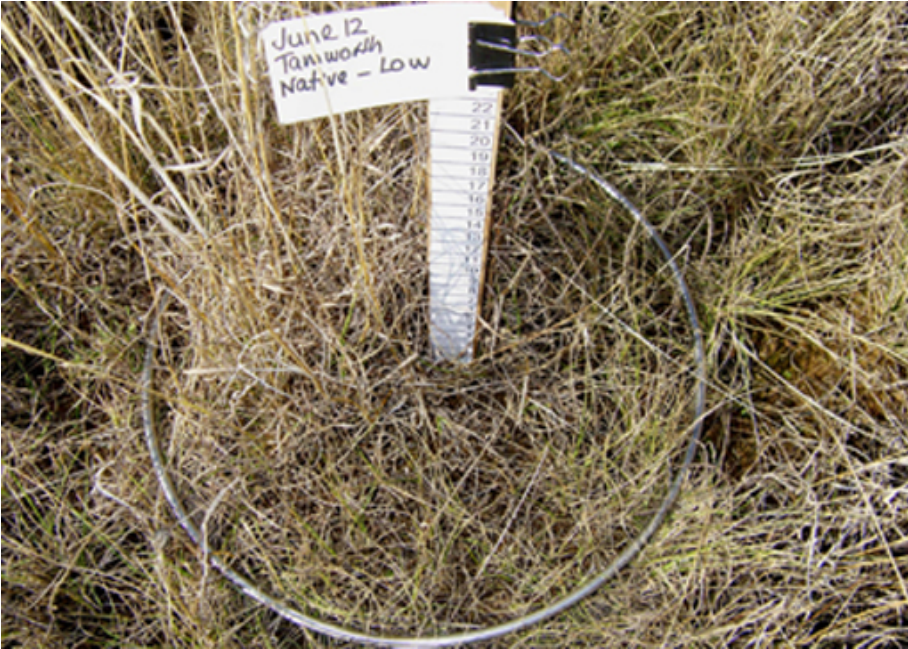



	Green	Dead
Feed On Offer (kg/ha):	1,420	4,070
Digestibility (%):	52	40
Equivalent to		
Metabolizable Energy (MJ/kg):	7.3	5.3
Sheep Intake (MJ/day):	7.2	
50kg dry, Condition score 3		
Crude Protein (%):	4	2.7
Pasture Height (cm):	15	20.0
Ground Cover (%):	90	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	
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Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

5SB-RIMG0007




	Green	Dead
Feed On Offer (kg/ha):	310	3,236
Digestibility (%):	54	32
Equivalent to		
Metabolizable Energy (MJ/kg):	7.6	3.9
Sheep Intake (MJ/day):	7	
50kg dry, Condition score 3		
Crude Protein (%):	7	2.9
Pasture Height (cm):	7	14.0
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Slender rat's tail grass	

Comments	
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6SB-RIMG0001




	Green	Dead
Feed On Offer (kg/ha):	470	2,655
Digestibility (%):	54	32
Equivalent to		
Metabolizable Energy (MJ/kg):	7.6	3.9
Sheep Intake (MJ/day):	9.7	
50kg dry, Condition score 3		
Crude Protein (%):	7	2.9
Pasture Height (cm):	8	14.0
Ground Cover (%):	90	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	
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Lifetime Ewe Management - FOO Library Results
NSW Winter Northwest Slopes

7SB-RIMG0003




	Green	Dead
Feed On Offer (kg/ha):	890	4,851
Digestibility (%):	56	40
Equivalent to		
Metabolizable Energy (MJ/kg):	8.0	5.2
Sheep Intake (MJ/day):	9	
50kg dry, Condition score 3		
Crude Protein (%):	7	3.5
Pasture Height (cm):	10	15.0
Ground Cover (%):	93	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Slender rat's tail grass	

Comments	
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8SB-RIMG0003



	Green	Dead
Feed On Offer (kg/ha):	1,220	6,025
Digestibility (%):	56	40
Equivalent to		
Metabolizable Energy (MJ/kg):	8.0	5.2
Sheep Intake (MJ/day):	9	
50kg dry, Condition score 3		
Crude Protein (%):	7	3.5
Pasture Height (cm):	11	18.0
Ground Cover (%):	85	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Slender rat's tail grass	

Comments	
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