

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 Spring

233-LH-291112AfricaHighFOO




	Green	Dead
Feed On Offer (kg/ha):	2,660	4,370
Digestibility (%):	52	47
Equivalent to		
Metabolizable Energy (MJ/kg):	7.4	6.4
Sheep Intake (MJ/day):	8.1	
50kg dry, Condition score 3		
Crude Protein (%):	6	5
Pasture Height (cm):	12	20
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Spear grass	

Comments	Paddock has been rotationally grazed in the last week
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234-LH-291112AfricaLowFOO




	Green	Dead
Feed On Offer (kg/ha):	570	570
Digestibility (%):	61	32
Equivalent to		
Metabolizable Energy (MJ/kg):	8.9	3.9
Sheep Intake (MJ/day):	5.3	
50kg dry, Condition score 3		
Crude Protein (%):	7	5
Pasture Height (cm):	3	2
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Spear grass	

Comments	Paddock has been rotationally grazed in the last week
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Lifetime Ewe Management - FOO Library Results
NSW Spring

235-LH-291112AfricaMediumFOO




	Green	Dead
Feed On Offer (kg/ha):	860	1,240
Digestibility (%):	52	47
Equivalent to		
Metabolizable Energy (MJ/kg):	7.4	6.4
Sheep Intake (MJ/day):	5.3	
50kg dry, Condition score 3		
Crude Protein (%):	6	5
Pasture Height (cm):	2	4
Ground Cover (%):	65	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Spear grass	

Comments	Paddock has been rotationally grazed in the last week
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236-LH-291112AfricaVeryLowFOO



	Green	Dead
Feed On Offer (kg/ha):	290	380
Digestibility (%):	61	32
Equivalent to		
Metabolizable Energy (MJ/kg):	8.9	3.9
Sheep Intake (MJ/day):	3.8	
50kg dry, Condition score 3		
Crude Protein (%):	7	5
Pasture Height (cm):	1	1
Ground Cover (%):	35	
Legume (%):	0	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Couch grass	


Comments	Paddock has been rotationally grazed in the last week
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Lifetime Ewe Management - FOO Library Results

NSW Spring

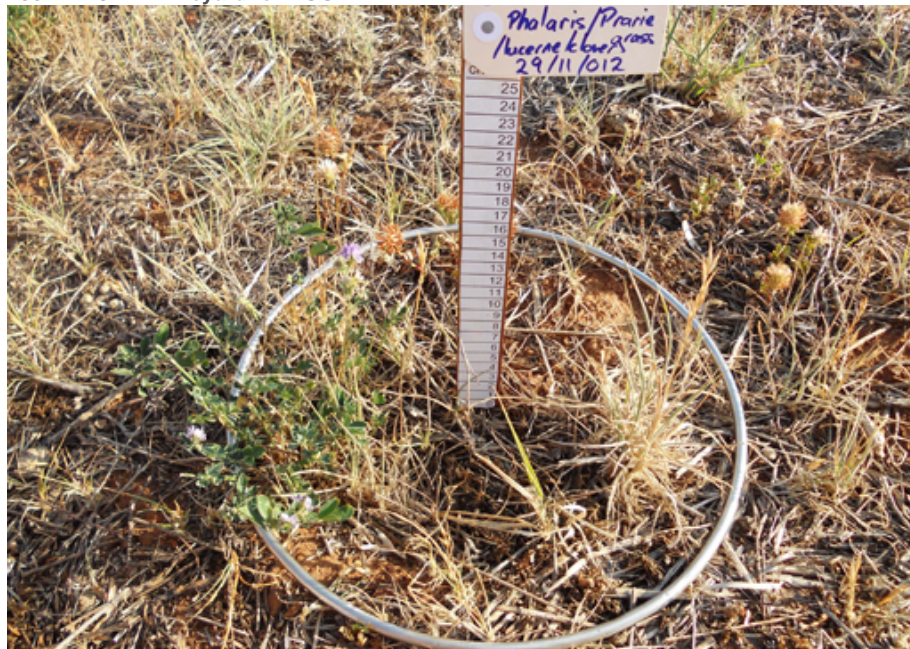
237-LH-291112VineyardHighFOO




	Green	Dead
Feed On Offer (kg/ha):	3,420	380
Digestibility (%):	62	49
Equivalent to		
Metabolizable Energy (MJ/kg):	9	6.9
Sheep Intake (MJ/day):	14.9	
50kg dry, Condition score 3		
Crude Protein (%):	15	4
Pasture Height (cm):	15	5
Ground Cover (%):	80	
Legume (%):	90	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Lucerne	

Comments	Paddock set stocked for 6 weeks prior to testing
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238-LH-291112VineyardLowFOO




	Green	Dead
Feed On Offer (kg/ha):	380	380
Digestibility (%):	69	48
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.7
Sheep Intake (MJ/day):	11.0	
50kg dry, Condition score 3		
Crude Protein (%):	18	6
Pasture Height (cm):	5	4
Ground Cover (%):	85	
Legume (%):	20	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Phalaris	

Comments	Paddock set stocked for 6 weeks prior to testing
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239-LH-291112VineyardMediumFOO




	Green	Dead
Feed On Offer (kg/ha):	950	2,380
Digestibility (%):	62	49
Equivalent to		
Metabolizable Energy (MJ/kg):	9	6.9
Sheep Intake (MJ/day):	11.4	
50kg dry, Condition score 3		
Crude Protein (%):	15	4
Pasture Height (cm):	10	15
Ground Cover (%):	100	
Legume (%):	1	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Prairie grass	

Comments	Paddock set stocked for 6 weeks prior to testing
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240-LH-Vineyardverylow




	Green	Dead
Feed On Offer (kg/ha):	95	570
Digestibility (%):	69	48
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.7
Sheep Intake (MJ/day):	6.1	
50kg dry, Condition score 3		
Crude Protein (%):	18	6
Pasture Height (cm):	1	2
Ground Cover (%):	50	
Legume (%):	15	
State:	NSW	
Location:	Central West	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Prairie grass	

Comments	Paddock set stocked for 6 weeks prior to testing
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Lifetime Ewe Management - FOO Library Results
NSW Spring

261-SB-RIMG0159-DH




	Green	Dead
Feed On Offer (kg/ha):	1,380	2,100
Digestibility (%):	60	41
Equivalent to		
Metabolizable Energy (MJ/kg):	8.7	5.4
Sheep Intake (MJ/day):	12.0	
50kg dry, Condition score 3		
Crude Protein (%):	14	6
Pasture Height (cm):	10	6
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	Slashed at end of winter
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262-SB-RIMG0153-DL




	Green	Dead
Feed On Offer (kg/ha):	580	1,970
Digestibility (%):	57	40
Equivalent to		
Metabolizable Energy (MJ/kg):	8.2	5.3
Sheep Intake (MJ/day):	7.5	
50kg dry, Condition score 3		
Crude Protein (%):	12	7
Pasture Height (cm):	2	2
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	Slashed at end of winter
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Lifetime Ewe Management - FOO Library Results
NSW Spring

263-SB-RIMG0150-DM




	Green	Dead
Feed On Offer (kg/ha):	800	2,360
Digestibility (%):	57	40
Equivalent to		
Metabolizable Energy (MJ/kg):	8.2	5.3
Sheep Intake (MJ/day):	8.6	
50kg dry, Condition score 3		
Crude Protein (%):	12	7
Pasture Height (cm):	3	3
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	Slashed at end of winter
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264-SB-RIMG0162-DVH




	Green	Dead
Feed On Offer (kg/ha):	1,880	2,950
Digestibility (%):	60	41
Equivalent to		
Metabolizable Energy (MJ/kg):	8.7	5.4
Sheep Intake (MJ/day):	12.2	
50kg dry, Condition score 3		
Crude Protein (%):	14	6
Pasture Height (cm):	10	6
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Digit grass	

Comments	Slashed at end of winter
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Lifetime Ewe Management - FOO Library Results
NSW Spring

265-SB-RIMG0172-NH




	Green	Dead
Feed On Offer (kg/ha):	1,520	5,570
Digestibility (%):	60	35
Equivalent to		
Metabolizable Energy (MJ/kg):	8.6	4.5
Sheep Intake (MJ/day):	12.1	
50kg dry, Condition score 3		
Crude Protein (%):	10	5
Pasture Height (cm):	8	15
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Slashed at end of winter
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266-SB-RIMG0155-NL




	Green	Dead
Feed On Offer (kg/ha):	490	2,330
Digestibility (%):	47	45
Equivalent to		
Metabolizable Energy (MJ/kg):	6.5	6
Sheep Intake (MJ/day):	6.4	
50kg dry, Condition score 3		
Crude Protein (%):	4	7
Pasture Height (cm):	4	12
Ground Cover (%):	98	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Slashed at end of winter
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Lifetime Ewe Management - FOO Library Results
NSW Spring

267-SB-RIMG0158-NM




	Green	Dead
Feed On Offer (kg/ha):	860	3,590
Digestibility (%):	47	45
Equivalent to		
Metabolizable Energy (MJ/kg):	6.5	6
Sheep Intake (MJ/day):	6.5	
50kg dry, Condition score 3		
Crude Protein (%):	4	7
Pasture Height (cm):	5	13
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Slashed at end of winter
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268-SB-RIMG0251-NVH



	Green	Dead
Feed On Offer (kg/ha):	2,330	8,210
Digestibility (%):	60	35
Equivalent to		
Metabolizable Energy (MJ/kg):	8.6	4.5
Sheep Intake (MJ/day):	12.5	
50kg dry, Condition score 3		
Crude Protein (%):	10	5
Pasture Height (cm):	10	15
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Slashed at end of winter
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