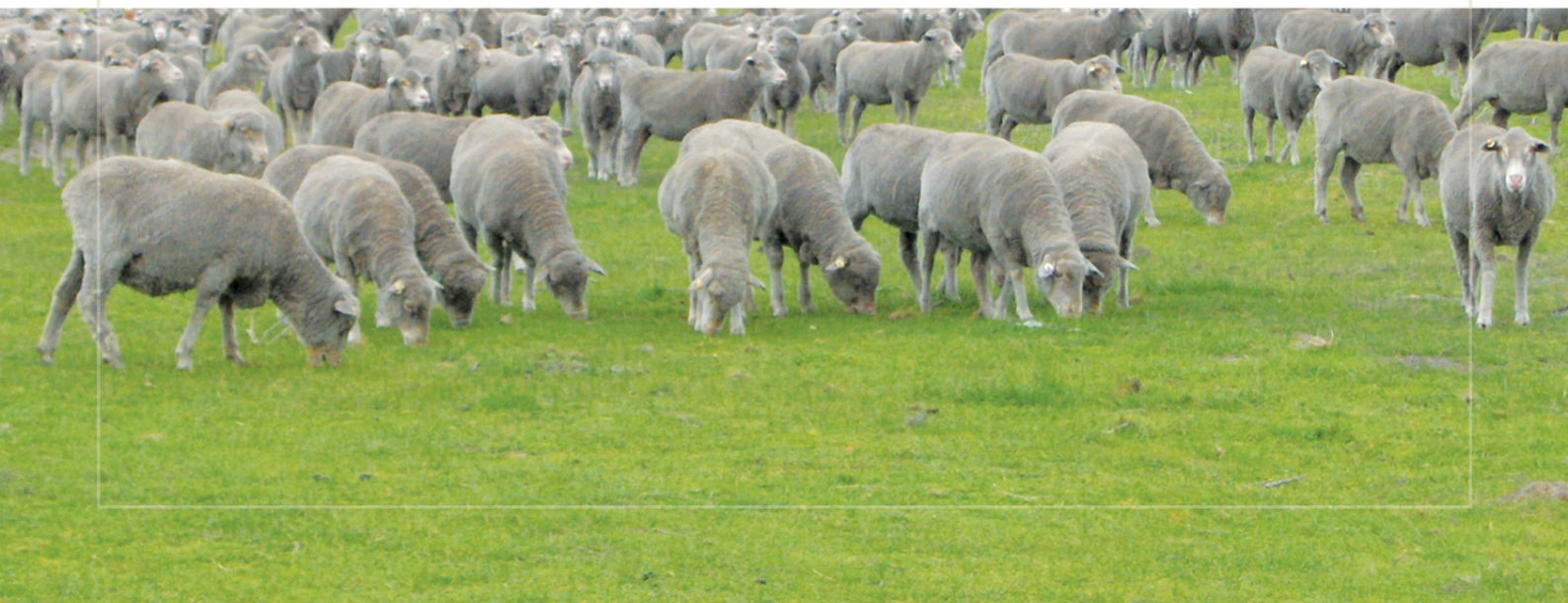


Feed on Offer Photo Library

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

Blue grass

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

Blue grass

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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Lifetime Ewe Management - FOO Library Results

Blue grass

351sbNLRIMG0333




	Green	Dead
Feed On Offer (kg/ha):	420	1,070
Digestibility (%):	55	30
Equivalent to		
Metabolizable Energy (MJ/kg):	7.8	2.9
Sheep Intake (MJ/day):	5.5	
50kg dry, Condition score 3		
Crude Protein (%):	13	10.3
Pasture Height (cm):	2	2
Ground Cover (%):	75	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Sample taken during a very dry summer period; samples taken <1 wk after grazing
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352sbNMRIMG0331



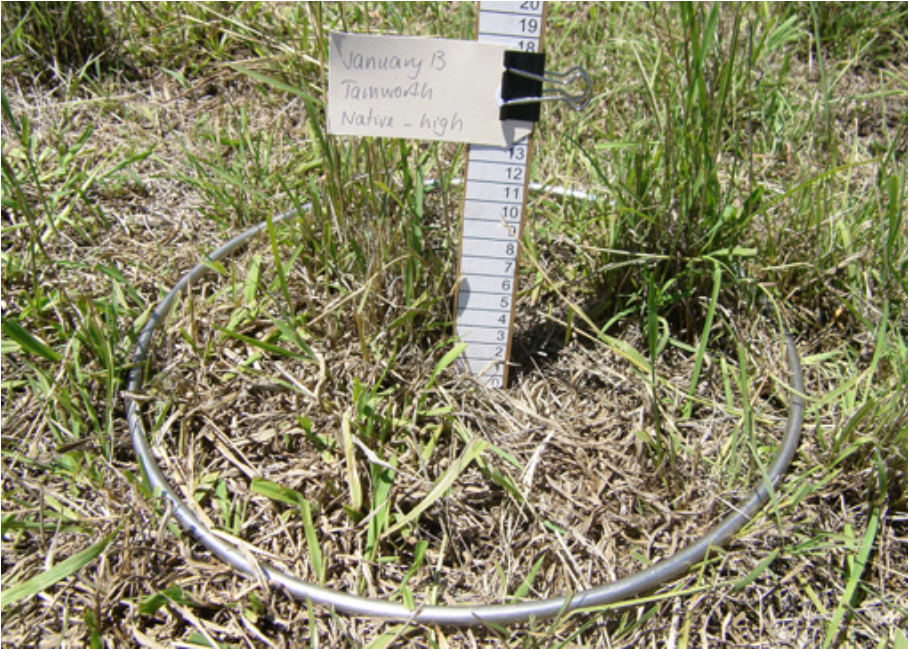
	Green	Dead
Feed On Offer (kg/ha):	1,130	1,390
Digestibility (%):	55	30
Equivalent to		
Metabolizable Energy (MJ/kg):	7.8	2.9
Sheep Intake (MJ/day):	7.8	
50kg dry, Condition score 3		
Crude Protein (%):	13	10.3
Pasture Height (cm):	4	2
Ground Cover (%):	85	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	


Comments	Sample taken during a very dry summer period; samples taken <1 wk after grazing
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Lifetime Ewe Management - FOO Library Results

Blue grass

353sbNHRIMG0347




	Green	Dead
Feed On Offer (kg/ha):	1,430	2,380
Digestibility (%):	60	33
Equivalent to		
Metabolizable Energy (MJ/kg):	8.8	4.1
Sheep Intake (MJ/day):	10.4	
50kg dry, Condition score 3		
Crude Protein (%):	10	7.4
Pasture Height (cm):	5	3
Ground Cover (%):	98	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Sample taken during a very dry summer period; samples taken <1 wk after grazing
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354sbNVHRIMG0335



	Green	Dead
Feed On Offer (kg/ha):	2,170	3,030
Digestibility (%):	60	33
Equivalent to		
Metabolizable Energy (MJ/kg):	8.8	4.1
Sheep Intake (MJ/day):	12.1	
50kg dry, Condition score 3		
Crude Protein (%):	10	7.4
Pasture Height (cm):	10	10
Ground Cover (%):	100	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	


Comments	Sample taken during a very dry summer period; pasture slashed at end of winter
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Lifetime Ewe Management - FOO Library Results

Blue grass

417SBNMRIMG0040




	Green	Dead
Feed On Offer (kg/ha):	1,330	2,585
Digestibility (%):	57	40
Equivalent to		
Metabolizable Energy (MJ/kg):	8.2	5.3
Sheep Intake (MJ/day):	11.1	
50kg dry, Condition score 3		
Crude Protein (%):	6.6	6.2
Pasture Height (cm):	10	15
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Dry autumn
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418SBNHRIMG0038



	Green	Dead
Feed On Offer (kg/ha):	1,680	1,898
Digestibility (%):	53	38
Equivalent to		
Metabolizable Energy (MJ/kg):	7.5	4.9
Sheep Intake (MJ/day):	8.3	
50kg dry, Condition score 3		
Crude Protein (%):	6.6	4.4
Pasture Height (cm):	5	10
Ground Cover (%):	85	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	


Comments	Dry autumn
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Lifetime Ewe Management - FOO Library Results

Blue grass

419SBNVHRIMG0046




	Green	Dead
Feed On Offer (kg/ha):	2,220	5,718
Digestibility (%):	53	38
Equivalent to		
Metabolizable Energy (MJ/kg):	7.5	4.9
Sheep Intake (MJ/day):	10.1	
50kg dry, Condition score 3		
Crude Protein (%):	6.6	4.4
Pasture Height (cm):	15	15
Ground Cover (%):	95	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments	Dry autumn
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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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