

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
Southwest Victoria Spring

221-MS-P1020106-AM




	Green	Dead
Feed On Offer (kg/ha):	3,600	200
Digestibility (%):	53	46
Equivalent to		
Metabolizable Energy (MJ/kg):	7.5	6.3
Sheep Intake (MJ/day):	7.6	
50kg dry, Condition score 3		
Crude Protein (%):	10	9
Pasture Height (cm):	6	6
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Bent grass	

Comments	
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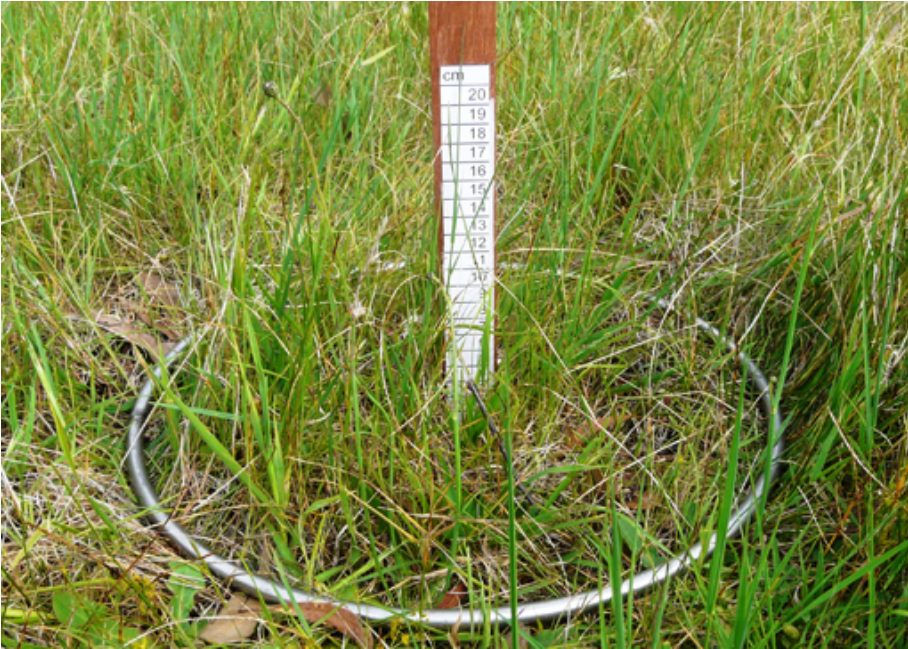
222-MS-P1020110-AH




	Green	Dead
Feed On Offer (kg/ha):	2800	300
Digestibility (%):	51	43
Equivalent to		
Metabolizable Energy (MJ/kg):	7.1	5.8
Sheep Intake (MJ/day):	7.4	
50kg dry, Condition score 3		
Crude Protein (%):	9	7
Pasture Height (cm):	20	20
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Onion grass	

Comments	
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223-MS-P1020117-AL




	Green	Dead
Feed On Offer (kg/ha):	1,800	200
Digestibility (%):	63	51
Equivalent to		
Metabolizable Energy (MJ/kg):	9.2	7.1
Sheep Intake (MJ/day):	10.2	
50kg dry, Condition score 3		
Crude Protein (%):	9	8
Pasture Height (cm):	8	8
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Wallaby grass	

Comments	
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224-MS-P1020121-AVL

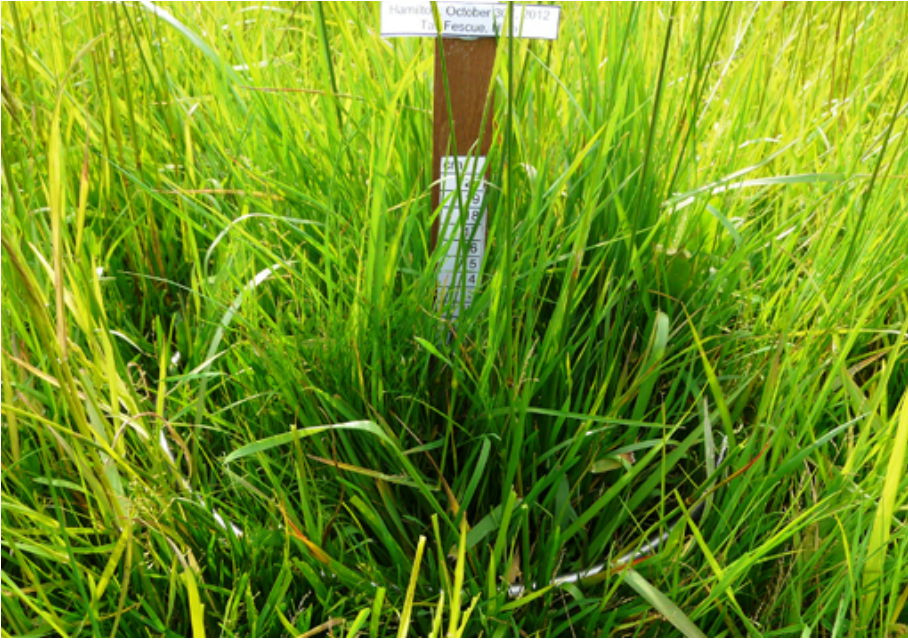



	Green	Dead
Feed On Offer (kg/ha):	1,200	100
Digestibility (%):	60	49
Equivalent to		
Metabolizable Energy (MJ/kg):	8.8	6.8
Sheep Intake (MJ/day):	8.0	
50kg dry, Condition score 3		
Crude Protein (%):	7	7
Pasture Height (cm):	3	3
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Bent grass	

Comments	
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Lifetime Ewe Management - FOO Library Results
Southwest Victoria Spring

225-MS-P1020134-TFH




	Green	Dead
Feed On Offer (kg/ha):	5,000	300
Digestibility (%):	71	42
Equivalent to		
Metabolizable Energy (MJ/kg):	10.5	5.6
Sheep Intake (MJ/day):	14.3	
50kg dry, Condition score 3		
Crude Protein (%):	12	5
Pasture Height (cm):	7	12
Ground Cover (%):	100	
Legume (%):	20	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Tall Fescue	

Comments	
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226-MS-P1020137-TFM




	Green	Dead
Feed On Offer (kg/ha):	3,500	200
Digestibility (%):	70	41
Equivalent to		
Metabolizable Energy (MJ/kg):	9.1	5.4
Sheep Intake (MJ/day):	13.9	
50kg dry, Condition score 3		
Crude Protein (%):	9	4
Pasture Height (cm):	5	8
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Tall fescue	

Comments	
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Lifetime Ewe Management - FOO Library Results
Southwest Victoria Spring

227-MS-P1020157-TFL




	Green	Dead
Feed On Offer (kg/ha):	2,100	200
Digestibility (%):	73	49
Equivalent to		
Metabolizable Energy (MJ/kg):	10.9	6.8
Sheep Intake (MJ/day):	12.7	
50kg dry, Condition score 3		
Crude Protein (%):	11	6
Pasture Height (cm):	5	4
Ground Cover (%):	100	
Legume (%):	5	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Tall Fescue	

Comments	
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228-MS-P1020161-TFVL




	Green	Dead
Feed On Offer (kg/ha):	1,100	100
Digestibility (%):	75	58
Equivalent to		
Metabolizable Energy (MJ/kg):	11.2	8.4
Sheep Intake (MJ/day):	13.6	
50kg dry, Condition score 3		
Crude Protein (%):	14	6
Pasture Height (cm):	3	2
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Tall Fescue	

Comments	
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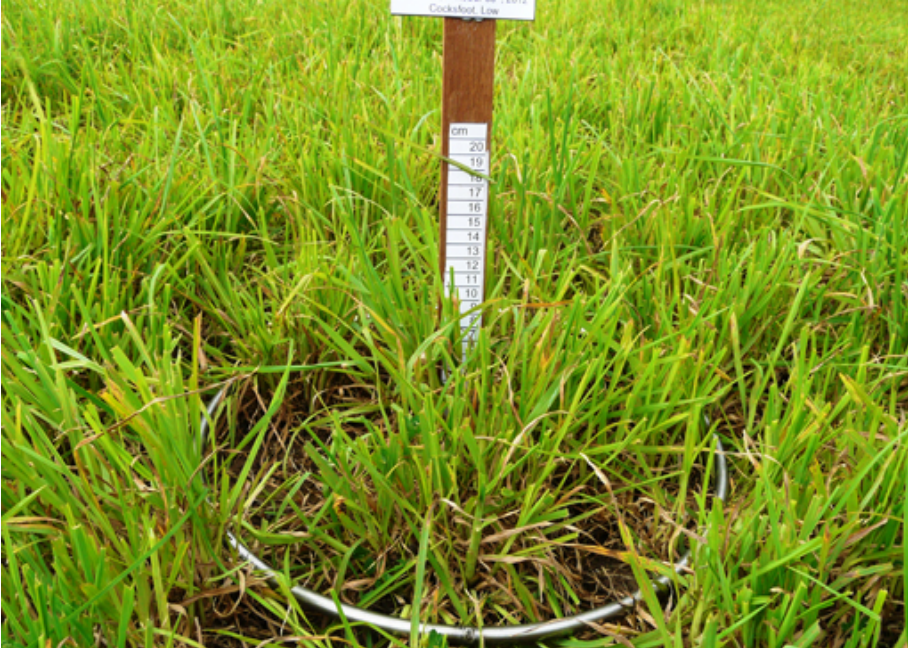
229-MS-P1020143-CH




	Green	Dead
Feed On Offer (kg/ha):	4,000	400
Digestibility (%):	65	56
Equivalent to		
Metabolizable Energy (MJ/kg):	9.6	7.9
Sheep Intake (MJ/day):	10.8	
50kg dry, Condition score 3		
Crude Protein (%):	8	7
Pasture Height (cm):	14	2
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Cocksfoot	

Comments	
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230-MS-P1020145-CL




	Green	Dead
Feed On Offer (kg/ha):	1,800	200
Digestibility (%):	68	44
Equivalent to		
Metabolizable Energy (MJ/kg):	10.1	5.9
Sheep Intake (MJ/day):	9.3	
50kg dry, Condition score 3		
Crude Protein (%):	9	6
Pasture Height (cm):	8	6
Ground Cover (%):	90	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Cocksfoot	

Comments	
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Lifetime Ewe Management - FOO Library Results
Southwest Victoria Spring

231-MS-P1020148-CVL




	Green	Dead
Feed On Offer (kg/ha):	1,100	100
Digestibility (%):	69	49
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.8
Sheep Intake (MJ/day):	11.3	
50kg dry, Condition score 3		
Crude Protein (%):	13	4
Pasture Height (cm):	3	2
Ground Cover (%):	90	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Cocksfoot	

Comments	
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232-MS-P1020153-CM




	Green	Dead
Feed On Offer (kg/ha):	2,800	300
Digestibility (%):	67	40
Equivalent to		
Metabolizable Energy (MJ/kg):	9.8	5.3
Sheep Intake (MJ/day):	8.8	
50kg dry, Condition score 3		
Crude Protein (%):	9	7
Pasture Height (cm):	8	10
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Cocksfoot	

Comments	
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Lifetime Ewe Management - FOO Library Results
Southwest Victoria Spring

241-LW-VHP-IMG_3669




	Green	Dead
Feed On Offer (kg/ha):	5,490	0
Digestibility (%):	76	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.4	NA
Sheep Intake (MJ/day):	17.3	
50kg dry, Condition score 3		
Crude Protein (%):	27	NA
Pasture Height (cm):	20	0
Ground Cover (%):	100	
Legume (%):	40	
State:	VIC	
Location:	North Central	
Climate Zone:	Cool Temperate	
Major Species:	Phalaris	

Comments	No dead, excellent clover/phalaris content
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247-LW-MR-IMG_3708




	Green	Dead
Feed On Offer (kg/ha):	2,110	0
Digestibility (%):	77	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.6	NA
Sheep Intake (MJ/day):	16.0	
50kg dry, Condition score 3		
Crude Protein (%):	19	NA
Pasture Height (cm):	5	0
Ground Cover (%):	100	
Legume (%):	40	
State:	VIC	
Location:	North Central	
Climate Zone:	Cool Temperate	
Major Species:	Perennial ryegrass	

Comments	Clover not ideal, patchy/clumpy growth in this paddock
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Lifetime Ewe Management - FOO Library Results
Southwest Victoria Spring

248-LW-LR-IMG_3713



	Green	Dead
Feed On Offer (kg/ha):	2,070	0
Digestibility (%):	75	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.3	NA
Sheep Intake (MJ/day):	15.0	
50kg dry, Condition score 3		
Crude Protein (%):	15	NA
Pasture Height (cm):	4	0
Ground Cover (%):	100	
Legume (%):	10	
State:	VIC	
Location:	North Central	
Climate Zone:	Cool Temperate	
Major Species:	Perennial ryegrass	

Comments	Clover not ideal, patchy/clumpy growth in this paddock
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