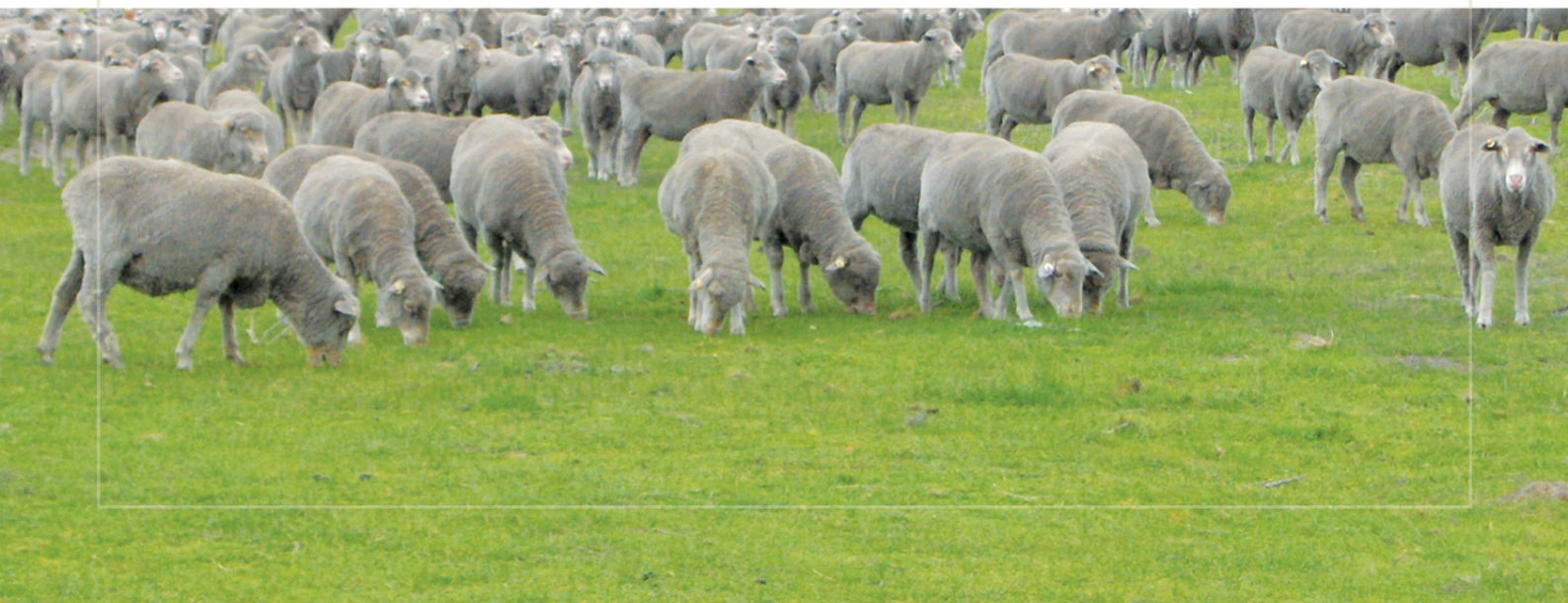


Feed on Offer Photo Library

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
Victoria Native Pastures

600EG-AUT-Microleana400klg100green




	Green	Dead
Feed On Offer (kg/ha):	400	0
Digestibility (%):	NA	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.4	NA
Sheep Intake (MJ/day):	9.9	
50kg dry, Condition score 3		
Crude Protein (%):	24	NA
Pasture Height (cm):	2	NA
Ground Cover (%):	80	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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601EG-AUT-Microleana2200kg45green




	Green	Dead
Feed On Offer (kg/ha):	990	1,200
Digestibility (%):	74	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.4	7
Sheep Intake (MJ/day):	14.5	
50kg dry, Condition score 3		
Crude Protein (%):	24	12
Pasture Height (cm):	10	12
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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Lifetime Ewe Management - FOO Library Results
Victoria Native Pastures

603EG-AUT-Spear1100kg20green




	Green	Dead
Feed On Offer (kg/ha):	220	880
Digestibility (%):	57	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	8.2	6.4
Sheep Intake (MJ/day):	8.1	
50kg dry, Condition score 3		
Crude Protein (%):	9	5
Pasture Height (cm):	6	8
Ground Cover (%):	60	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Spear grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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604EG-AUT-Wallaby900kg25green




	Green	Dead
Feed On Offer (kg/ha):	225	675
Digestibility (%):	68	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.5	7
Sheep Intake (MJ/day):	7.8	
50kg dry, Condition score 3		
Crude Protein (%):	20	7
Pasture Height (cm):	2	3
Ground Cover (%):	50	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Wallaby grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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605EG-AUT-Wallaby2900kg40green




	Green	Dead
Feed On Offer (kg/ha):	1160	1740
Digestibility (%):	68	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.5	7
Sheep Intake (MJ/day):	12.0	
50kg dry, Condition score 3		
Crude Protein (%):	20	7
Pasture Height (cm):	7	8
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Wallaby grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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606EG-SPR-Microleana560kg100green




	Green	Dead
Feed On Offer (kg/ha):	560	0
Digestibility (%):	75	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.5	NA
Sheep Intake (MJ/day):	10.5	
50kg dry, Condition score 3		
Crude Protein (%):	25	NA
Pasture Height (cm):	2	0
Ground Cover (%):	50	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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607EG-SPR-Microleana2500kg80green




	Green	Dead
Feed On Offer (kg/ha):	2000	0
Digestibility (%):	NA	67
Equivalent to		
Metabolizable Energy (MJ/kg):	10.2	NA
Sheep Intake (MJ/day):	13.2	
50kg dry, Condition score 3		
Crude Protein (%):	12	NA
Pasture Height (cm):	8	0
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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608EG-SPR-Spear1800kg50green




	Green	Dead
Feed On Offer (kg/ha):	900	900
Digestibility (%):	64	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.1	6
Sheep Intake (MJ/day):	8.7	
50kg dry, Condition score 3		
Crude Protein (%):	9	8
Pasture Height (cm):	4	9
Ground Cover (%):	60	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Spear grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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Lifetime Ewe Management - FOO Library Results
Victoria Native Pastures

609EG-SPR-Spear2800kg55green




	Green	Dead
Feed On Offer (kg/ha):	1540	1260
Digestibility (%):	58	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.1	6
Sheep Intake (MJ/day):	8.3	
50kg dry, Condition score 3		
Crude Protein (%):	9	8
Pasture Height (cm):	7	9
Ground Cover (%):	80	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Spear grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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610EG-SPR-Wallaby900kg80green




	Green	Dead
Feed On Offer (kg/ha):	720	180
Digestibility (%):	69	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.0	6
Sheep Intake (MJ/day):	9.7	
50kg dry, Condition score 3		
Crude Protein (%):	20	5
Pasture Height (cm):	3	3
Ground Cover (%):	80	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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Lifetime Ewe Management - FOO Library Results
Victoria Native Pastures

611EG-SPR-Wallaby2200kg55green




	Green	Dead
Feed On Offer (kg/ha):	1210	990
Digestibility (%):	67	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.5	5
Sheep Intake (MJ/day):	9.5	
50kg dry, Condition score 3		
Crude Protein (%):	15	4
Pasture Height (cm):	4	4
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Microleana	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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612EG-SUMM-Microleana0311kg33green



	Green	Dead
Feed On Offer (kg/ha):	300	1000
Digestibility (%):	77	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	12.0	4
Sheep Intake (MJ/day):	11.0	
50kg dry, Condition score 3		
Crude Protein (%):	20	5
Pasture Height (cm):	3	2
Ground Cover (%):	100	
Legume (%):	50	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	


Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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Lifetime Ewe Management - FOO Library Results

Victoria Native Pastures

613EG-SUMM-Microleana2900kg25green




	Green	Dead
Feed On Offer (kg/ha):	725	2175
Digestibility (%):	67	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.0	5
Sheep Intake (MJ/day):	10.2	
50kg dry, Condition score 3		
Crude Protein (%):	12	5
Pasture Height (cm):	5	5
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Weeping grass	

Comments Photos supplied by the EverGraze project, nutritive values based on published data

614EG-SUMM-Spear600kg45green




	Green	Dead
Feed On Offer (kg/ha):	270	330
Digestibility (%):	63	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.4	6
Sheep Intake (MJ/day):	7.2	
50kg dry, Condition score 3		
Crude Protein (%):	15	5
Pasture Height (cm):	3	7
Ground Cover (%):	30	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Spear grass	

Comments Photos supplied by the EverGraze project, nutritive values based on published data

615EG-SUMM-Spear2000kg45green




	Green	Dead
Feed On Offer (kg/ha):	900	1100
Digestibility (%):	61	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.4	6
Sheep Intake (MJ/day):	8.5	
50kg dry, Condition score 3		
Crude Protein (%):	15	4
Pasture Height (cm):	5	10
Ground Cover (%):	60	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Spear grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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616EG-SUMM-Wallaby900kg25green



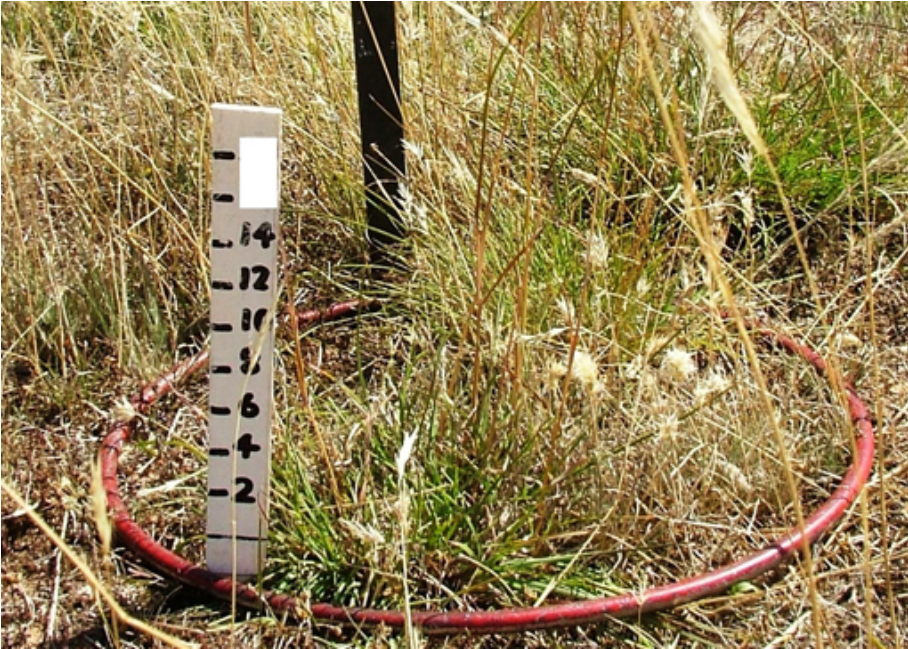
	Green	Dead
Feed On Offer (kg/ha):	225	675
Digestibility (%):	67	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.2	4
Sheep Intake (MJ/day):	7.4	
50kg dry, Condition score 3		
Crude Protein (%):	9	4
Pasture Height (cm):	3	4
Ground Cover (%):	50	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Wallaby grass	


Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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Lifetime Ewe Management - FOO Library Results

Victoria Native Pastures

617EG-SUMM-Wallaby1500kg35green



	Green	Dead
Feed On Offer (kg/ha):	525	975
Digestibility (%):	70	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.5	5
Sheep Intake (MJ/day):	10.8	
50kg dry, Condition score 3		
Crude Protein (%):	9	5
Pasture Height (cm):	6	8
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	North East	
Climate Zone:	Mediterranean	
Major Species:	Wallaby grass	

Comments	Photos supplied by the EverGraze project, nutritive values based on published data
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