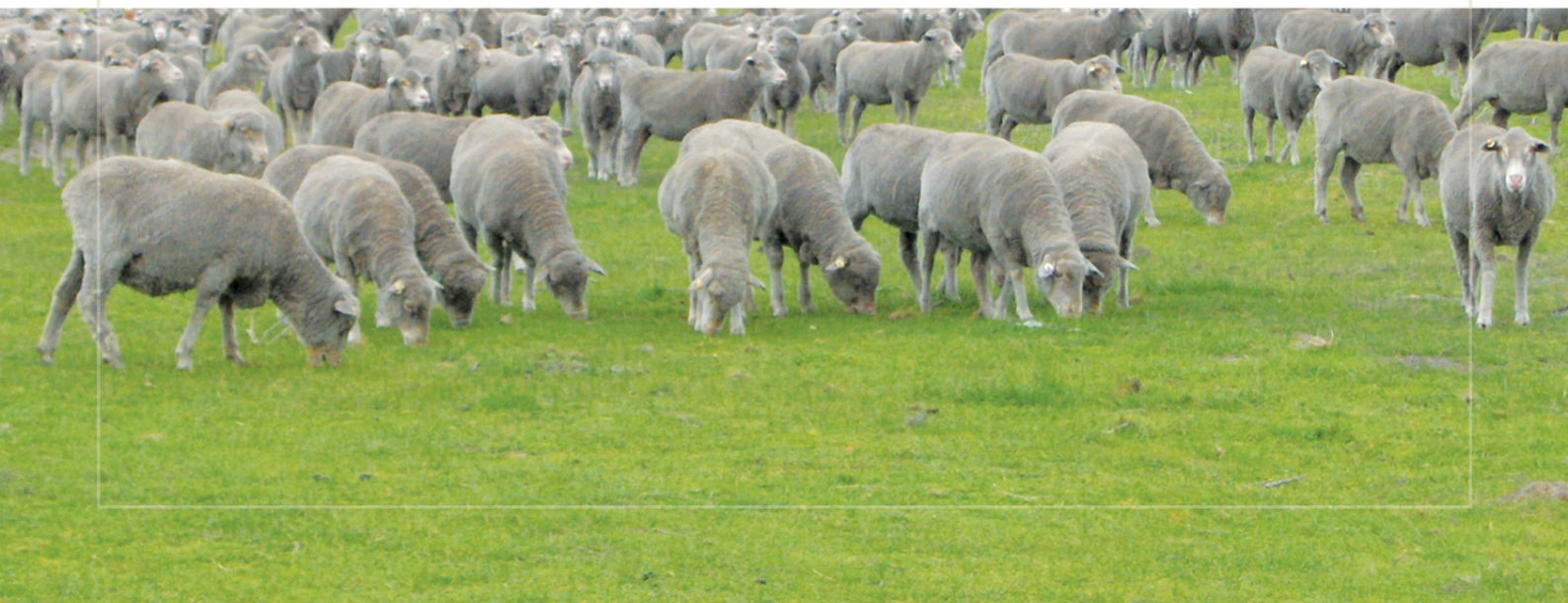


Feed on Offer Photo Library

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

Volunteer annuals

358mhDLRZ190213yr1pasture1500_2




	Green	Dead
Feed On Offer (kg/ha):	0	1,500
Digestibility (%):	NA	30
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	2.8
Sheep Intake (MJ/day):	0.4	
50kg dry, Condition score 3		
Crude Protein (%):	NA	3
Pasture Height (cm):	NA	1
Ground Cover (%):	90	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	1st yr pasture after wheat
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359mhDLRZ190213yr1pasture2600_2




	Green	Dead
Feed On Offer (kg/ha):	0	2,600
Digestibility (%):	NA	30
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	3.4
Sheep Intake (MJ/day):	0.5	
50kg dry, Condition score 3		
Crude Protein (%):	NA	3
Pasture Height (cm):	NA	1.5
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	1st yr pasture after wheat
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367rb1stHFoophotos-LRZ-WA-270213004




	Green	Dead
Feed On Offer (kg/ha):	0	3,140
Digestibility (%):	NA	49
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.7
Sheep Intake (MJ/day):	5.6	
50kg dry, Condition score 3		
Crude Protein (%):	NA	5.5
Pasture Height (cm):	NA	2
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	1st year pasture-grazed, previous years stubble removed before analysis
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368rbstMFOophotos-LRZ-WA-270213005



	Green	Dead
Feed On Offer (kg/ha):	0	2,140
Digestibility (%):	NA	45
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.2
Sheep Intake (MJ/day):	3.6	
50kg dry, Condition score 3		
Crude Protein (%):	NA	6.3
Pasture Height (cm):	NA	1.5
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	


Comments	1st year pasture-grazed, previous years stubble removed before analysis
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Lifetime Ewe Management - FOO Library Results

Volunteer annuals

369rb1stLFoophotos-LRZ-WA-270213007




	Green	Dead
Feed On Offer (kg/ha):	0	1,140
Digestibility (%):	NA	43
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	5.7
Sheep Intake (MJ/day):	2.1	
50kg dry, Condition score 3		
Crude Protein (%):	NA	7.7
Pasture Height (cm):	NA	1
Ground Cover (%):	50	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	1st year pasture-grazed, previous years stubble removed before analysis
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370rb2ndHFoophotos-LRZ-WA-270213015



	Green	Dead
Feed On Offer (kg/ha):	0	2,710
Digestibility (%):	NA	49
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.7
Sheep Intake (MJ/day):	3	
50kg dry, Condition score 3		
Crude Protein (%):	NA	1.9
Pasture Height (cm):	NA	4
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	


Comments	2nd year pasture-grazed, previous years stubble removed before analysis
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Lifetime Ewe Management - FOO Library Results

Volunteer annuals

371rb2ndLFoophotos-LRZ-WA-270213020




	Green	Dead
Feed On Offer (kg/ha):	0	1,070
Digestibility (%):	NA	46
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.3
Sheep Intake (MJ/day):	3.1	
50kg dry, Condition score 3		
Crude Protein (%):	NA	4.2
Pasture Height (cm):	NA	1.5
Ground Cover (%):	60	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	2nd year pasture-grazed, previous years stubble removed before analysis
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372rb2ndMFoophotos-LRZ-WA-270213019



	Green	Dead
Feed On Offer (kg/ha):	0	2,330
Digestibility (%):	NA	49
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.8
Sheep Intake (MJ/day):	2.3	
50kg dry, Condition score 3		
Crude Protein (%):	NA	1.9
Pasture Height (cm):	NA	2
Ground Cover (%):	90	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	


Comments	2nd year pasture-grazed, previous years stubble removed before analysis
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Lifetime Ewe Management - FOO Library Results

Volunteer annuals

373rb2ndVHFoophotos-LRZ-WA-270213013




	Green	Dead
Feed On Offer (kg/ha):	0	2,590
Digestibility (%):	NA	48
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.7
Sheep Intake (MJ/day):	3.6	
50kg dry, Condition score 3		
Crude Protein (%):	NA	2
Pasture Height (cm):	NA	6
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	2nd year pasture-grazed, previous years stubble removed before analysis
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375mc1stLow02022013-230-2



	Green	Dead
Feed On Offer (kg/ha):	0	230
Digestibility (%):	NA	55
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	7.9
Sheep Intake (MJ/day):	3.1	
50kg dry, Condition score 3		
Crude Protein (%):	NA	7.1
Pasture Height (cm):	NA	1
Ground Cover (%):	90	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	


Comments	1st year pasture, stubble removed before testing
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Lifetime Ewe Management - FOO Library Results

Volunteer annuals

377mc2ndH-Med02022013-2210-1




	Green	Dead
Feed On Offer (kg/ha):	0	2,210
Digestibility (%):	NA	45
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	6.2
Sheep Intake (MJ/day):	5.1	
50kg dry, Condition score 3		
Crude Protein (%):	NA	2.5
Pasture Height (cm):	NA	12
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	2nd year pasture, stubble removed before testing
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378mc2ndMed02022013-2260-2



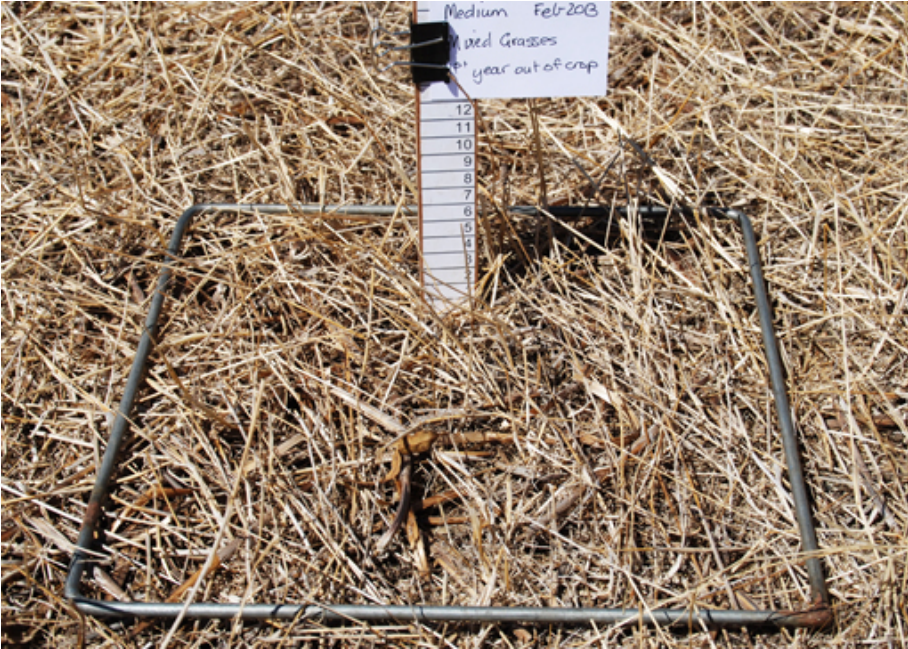
	Green	Dead
Feed On Offer (kg/ha):	0	2,260
Digestibility (%):	NA	56
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	8
Sheep Intake (MJ/day):	7.6	
50kg dry, Condition score 3		
Crude Protein (%):	NA	7.2
Pasture Height (cm):	NA	2
Ground Cover (%):	100	
Legume (%):	50	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	


Comments	Grazed, 2nd year from crop
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Lifetime Ewe Management - FOO Library Results

Volunteer annuals

379mc1stMed02022013-780-1



	Green	Dead
Feed On Offer (kg/ha):	0	780
Digestibility (%):	NA	53
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	7.5
Sheep Intake (MJ/day):	7.5	
50kg dry, Condition score 3		
Crude Protein (%):	NA	5.2
Pasture Height (cm):	NA	5
Ground Cover (%):	100	
Legume (%):	5	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Volunteer annuals	

Comments	1st year pasture, stubble removed before testing
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