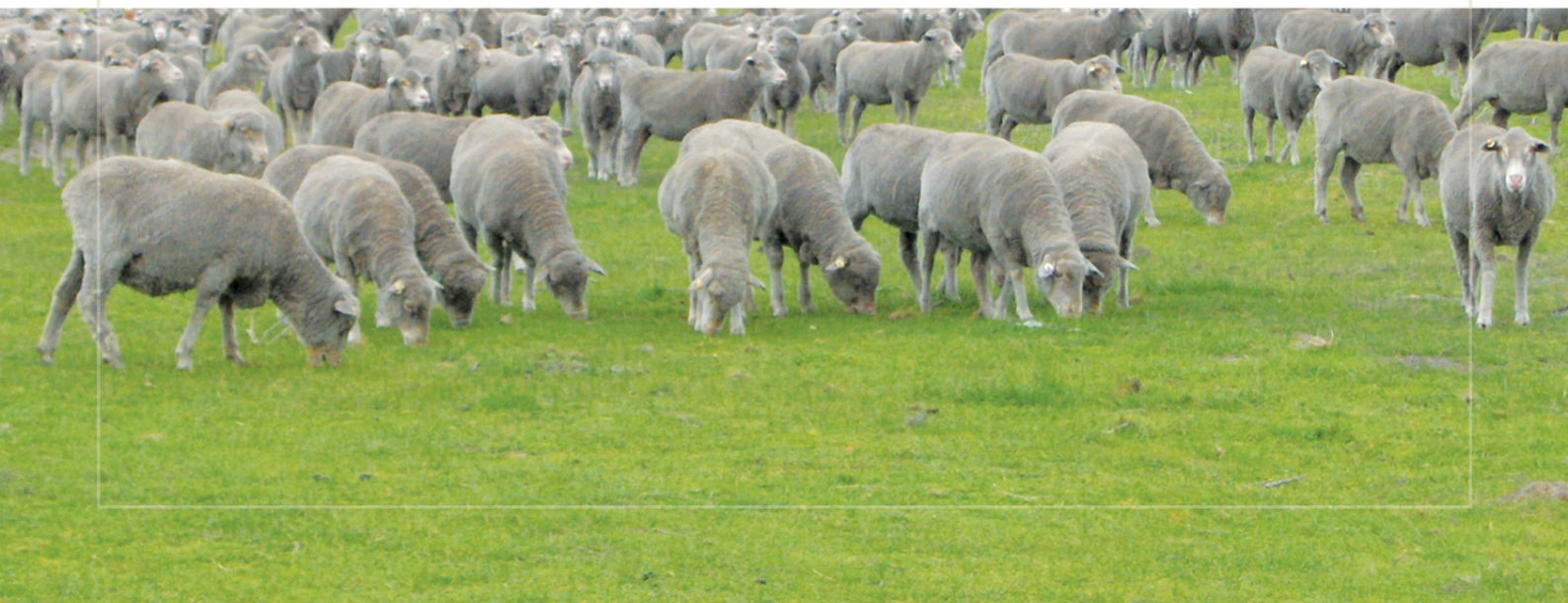


# Feed on Offer Photo Library

Use in conjunction with the Lifetime Ewe Management feed budgeting tables available at [lifetimewool.com.au](http://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](http://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](http://www.wool.com)

RIST Centre: [www.rist.com.au](http://www.rist.com.au)

Lifetime Ewe Management: [www.rist.com.au/lifetime\\_ewe\\_management](http://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  
WA All Seasons Lucerne

257-Dobbe-Oct\_LUC-H




	Green	Dead
Feed On Offer (kg/ha):	950	290
Digestibility (%):	71	59
Equivalent to		
Metabolizable Energy (MJ/kg):	10.6	8.5
Sheep Intake (MJ/day):	15.1	
50kg dry, Condition score 3		
Crude Protein (%):	21	9
Pasture Height (cm):	5	5
Ground Cover (%):	70	
Legume (%):	80	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Dry spring resulted in lower than normal production
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258-Dobbe-Oct\_LUC-L



	Green	Dead
Feed On Offer (kg/ha):	900	70
Digestibility (%):	74	59
Equivalent to		
Metabolizable Energy (MJ/kg):	11.0	8.5
Sheep Intake (MJ/day):	15.9	
50kg dry, Condition score 3		
Crude Protein (%):	16	9
Pasture Height (cm):	4	5
Ground Cover (%):	60	
Legume (%):	60	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	


Comments	
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Lifetime Ewe Management - FOO Library Results  
WA All Seasons Lucerne

259-Dobbe-Oct\_LUC-M




	Green	Dead
Feed On Offer (kg/ha):	1,000	40
Digestibility (%):	74	59
Equivalent to		
Metabolizable Energy (MJ/kg):	11.0	8.5
Sheep Intake (MJ/day):	16.7	
50kg dry, Condition score 3		
Crude Protein (%):	16	9
Pasture Height (cm):	5	4
Ground Cover (%):	90	
Legume (%):	70	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	
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260-Dobbe-Oct\_LUC-VH




	Green	Dead
Feed On Offer (kg/ha):	1,330	200
Digestibility (%):	71	59
Equivalent to		
Metabolizable Energy (MJ/kg):	10.6	8.5
Sheep Intake (MJ/day):	16.8	
50kg dry, Condition score 3		
Crude Protein (%):	21	9
Pasture Height (cm):	7	5
Ground Cover (%):	80	
Legume (%):	90	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Dry spring resulted in lower than normal production
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329edNSLLDSCN1701




	Green	Dead
Feed On Offer (kg/ha):	290	0
Digestibility (%):	66	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.6	NA
Sheep Intake (MJ/day):	12.6	
50kg dry, Condition score 3		
Crude Protein (%):	22	NA
Pasture Height (cm):	4	1
Ground Cover (%):	5	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Better than average summer rainfall conditions
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32ED-Dobbe050712-2




	Green	Dead
Feed On Offer (kg/ha):	143	20
Digestibility (%):	80	30
Equivalent to		
Metabolizable Energy (MJ/kg):	12.1	3.5
Sheep Intake (MJ/day):	12	
50kg dry, Condition score 3		
Crude Protein (%):	31	8.0
Pasture Height (cm):	2	1.0
Ground Cover (%):	40	
Legume (%):	70	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	
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330edNSLMDSCN1704




	Green	Dead
Feed On Offer (kg/ha):	640	30
Digestibility (%):	66	50
Equivalent to		
Metabolizable Energy (MJ/kg):	9.6	NA
Sheep Intake (MJ/day):	16	
50kg dry, Condition score 3		
Crude Protein (%):	22	10.1
Pasture Height (cm):	10	1
Ground Cover (%):	20	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Better than average summer rainfall conditions
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331edNSLHDSCN1707



	Green	Dead
Feed On Offer (kg/ha):	890	20
Digestibility (%):	66	50
Equivalent to		
Metabolizable Energy (MJ/kg):	9.6	NA
Sheep Intake (MJ/day):	16.2	
50kg dry, Condition score 3		
Crude Protein (%):	22	10.1
Pasture Height (cm):	10	1
Ground Cover (%):	75	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	


Comments	Better than average summer rainfall conditions
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Lifetime Ewe Management - FOO Library Results  
WA All Seasons Lucerne

332edNSLVHDSCN1710




	Green	Dead
Feed On Offer (kg/ha):	1,870	50
Digestibility (%):	66	50
Equivalent to		
Metabolizable Energy (MJ/kg):	9.6	NA
Sheep Intake (MJ/day):	16.7	
50kg dry, Condition score 3		
Crude Protein (%):	22	10.1
Pasture Height (cm):	12	1
Ground Cover (%):	60	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Better than average summer rainfall conditions
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33ED-Dobbe-050712-3



	Green	Dead
Feed On Offer (kg/ha):	940	50
Digestibility (%):	80	30
Equivalent to		
Metabolizable Energy (MJ/kg):	12.1	3.5
Sheep Intake (MJ/day):	17	
50kg dry, Condition score 3		
Crude Protein (%):	31	8.0
Pasture Height (cm):	6	1.0
Ground Cover (%):	70	
Legume (%):	95	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	


Comments	
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Lifetime Ewe Management - FOO Library Results  
WA All Seasons Lucerne

34ED-Dobbe-050712-1




	Green	Dead
Feed On Offer (kg/ha):	1,815	1,110
Digestibility (%):	81	30
Equivalent to		
Metabolizable Energy (MJ/kg):	12.2	3.5
Sheep Intake (MJ/day):	17	
50kg dry, Condition score 3		
Crude Protein (%):	28	8.0
Pasture Height (cm):	8	8.0
Ground Cover (%):	80	
Legume (%):	100	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	High Dead FOO due to harvest for seed in previous season
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35ED-Dobbe-050712



	Green	Dead
Feed On Offer (kg/ha):	2,100	170
Digestibility (%):	81	30
Equivalent to		
Metabolizable Energy (MJ/kg):	12.2	3.5
Sheep Intake (MJ/day):	19	
50kg dry, Condition score 3		
Crude Protein (%):	28	8.0
Pasture Height (cm):	21	1.0
Ground Cover (%):	80	
Legume (%):	95	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	


Comments	
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Lifetime Ewe Management - FOO Library Results  
WA All Seasons Lucerne

424EDLAutumn13\_VH\_Dobbe




	Green	Dead
Feed On Offer (kg/ha):	1,280	0
Digestibility (%): Equivalent to	70	NA
Metabolizable Energy (MJ/kg):	10.5	NA
Sheep Intake (MJ/day): 50kg dry, Condition score 3	17.6	
Crude Protein (%):	26.4	NA
Pasture Height (cm):	10	NA
Ground Cover (%):	80	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Better than average season
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425EDLHigh



	Green	Dead
Feed On Offer (kg/ha):	730	0
Digestibility (%): Equivalent to	70	NA
Metabolizable Energy (MJ/kg):	10.5	NA
Sheep Intake (MJ/day): 50kg dry, Condition score 3	17.2	
Crude Protein (%):	26.4	NA
Pasture Height (cm):	8	NA
Ground Cover (%):	50	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	


Comments	Better than average season
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Lifetime Ewe Management - FOO Library Results  
WA All Seasons Lucerne

426EDLMedium




	Green	Dead
Feed On Offer (kg/ha):	590	0
Digestibility (%):	65	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.5	NA
Sheep Intake (MJ/day):	15.1	
50kg dry, Condition score 3		
Crude Protein (%):	25.1	NA
Pasture Height (cm):	8	NA
Ground Cover (%):	30	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Better than average season
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427EDLLow



	Green	Dead
Feed On Offer (kg/ha):	170	0
Digestibility (%):	65	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	9.5	NA
Sheep Intake (MJ/day):	8.2	
50kg dry, Condition score 3		
Crude Protein (%):	25.1	NA
Pasture Height (cm):	2	NA
Ground Cover (%):	10	
Legume (%):	100	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Lucerne	

Comments	Better than average season
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