

# 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





310SummEGChicoryFOO300




	Green	Dead
Feed On Offer (kg/ha):	300	50
Digestibility (%):	70	48
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.6
Sheep Intake (MJ/day):	11.2	
50kg dry, Condition score 3		
Crude Protein (%):	14	13
Pasture Height (cm):	4	0.5
Ground Cover (%):	15	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Photos and data provided by EverGraze. Nutritive value data is from pooled samples from 300 - 3000 kg/ha
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311SummEGChicoryFOO1600




	Green	Dead
Feed On Offer (kg/ha):	1,600	0
Digestibility (%):	70	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.6
Sheep Intake (MJ/day):	15.1	
50kg dry, Condition score 3		
Crude Protein (%):	14	NA
Pasture Height (cm):	8	NA
Ground Cover (%):	70	
Legume (%):	10	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Nutritive value data is from pooled samples from 300 - 3000 kg/ha
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312SummEGChicoryFOO2000




	Green	Dead
Feed On Offer (kg/ha):	2,000	100
Digestibility (%):	70	48
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.6
Sheep Intake (MJ/day):	10.6	
50kg dry, Condition score 3		
Crude Protein (%):	14	13
Pasture Height (cm):	10	0.5
Ground Cover (%):	80	
Legume (%):	5	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Nutritive value data is from pooled samples from 300 - 3000 kg/ha
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313SummEGChicoryFOO2400




	Green	Dead
Feed On Offer (kg/ha):	2,400	400
Digestibility (%):	70	48
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	6.6
Sheep Intake (MJ/day):	10.4	
50kg dry, Condition score 3		
Crude Protein (%):	14	13
Pasture Height (cm):	12	6
Ground Cover (%):	90	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Nutritive value data is from pooled samples from 300 - 3000 kg/ha
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314SummEGChicoryFOO4100




	Green	Dead
Feed On Offer (kg/ha):	4,100	700
Digestibility (%): Equivalent to	67	50
Metabolizable Energy (MJ/kg):	10	6.6
Sheep Intake (MJ/day): 50kg dry, Condition score 3	10.6	
Crude Protein (%):	14	13
Pasture Height (cm):	15	8
Ground Cover (%):	80	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Nutritive value data is from pooled samples from 300 - 3000 kg/ha
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315SummEGChicoryFOO5200




	Green	Dead
Feed On Offer (kg/ha):	5,200	300
Digestibility (%): Equivalent to	70	48
Metabolizable Energy (MJ/kg):	10.3	7
Sheep Intake (MJ/day): 50kg dry, Condition score 3	9.8	
Crude Protein (%):	14	12
Pasture Height (cm):	20	2
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Nutritive value data is from pooled samples from 300 - 3000 kg/ha
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501WintEGChicory500




	Green	Dead
Feed On Offer (kg/ha):	500	0
Digestibility (%):	82	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	12.4	NA
Sheep Intake (MJ/day):	14	
50kg dry, Condition score 3		
Crude Protein (%):	25	NA
Pasture Height (cm):	3	0
Ground Cover (%):	90	
Legume (%):	5	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Dead stems not analysed, Photos and data supplied by EverGraze project
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502WintEGChicory600




	Green	Dead
Feed On Offer (kg/ha):	500	100
Digestibility (%):	82	27
Equivalent to		
Metabolizable Energy (MJ/kg):	12.4	3
Sheep Intake (MJ/day):	13.4	
50kg dry, Condition score 3		
Crude Protein (%):	25	4
Pasture Height (cm):	3.5	0.5
Ground Cover (%):	90	
Legume (%):	2	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Photos and dat supplied by EverGraze project
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503WintEGChicory800




	Green	Dead
Feed On Offer (kg/ha):	700	100
Digestibility (%): Equivalent to	82	27
Metabolizable Energy (MJ/kg):	12.4	3
Sheep Intake (MJ/day): 50kg dry, Condition score 3	13.7	
Crude Protein (%):	25	4
Pasture Height (cm):	3.5	1
Ground Cover (%):	50	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Photos and dat supplied by EverGraze project
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504WintEGChicory1300




	Green	Dead
Feed On Offer (kg/ha):	1200	100
Digestibility (%): Equivalent to	82	27
Metabolizable Energy (MJ/kg):	12.4	3
Sheep Intake (MJ/day): 50kg dry, Condition score 3	13.8	
Crude Protein (%):	25	4
Pasture Height (cm):	3	0.5
Ground Cover (%):	100	
Legume (%):	2	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Photos and dat supplied by EverGraze project
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505WintEGChicory1500




	Green	Dead
Feed On Offer (kg/ha):	1300	200
Digestibility (%): Equivalent to	82	27
Metabolizable Energy (MJ/kg):	12.4	3
Sheep Intake (MJ/day): 50kg dry, Condition score 3	13.8	
Crude Protein (%):	25	4
Pasture Height (cm):	3	1
Ground Cover (%):	100	
Legume (%):	5	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Photos and dat supplied by EverGraze project
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506WintEGChicory1600




	Green	Dead
Feed On Offer (kg/ha):	1600	0
Digestibility (%): Equivalent to	82	NA
Metabolizable Energy (MJ/kg):	12.4	NA
Sheep Intake (MJ/day): 50kg dry, Condition score 3	14.9	
Crude Protein (%):	25	NA
Pasture Height (cm):	5	NA
Ground Cover (%):	100	
Legume (%):	0	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Dead stems not analysed, Photos and data supplied by EverGraze project
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507WintEGChicory2700



	Green	Dead
Feed On Offer (kg/ha):	2700	0
Digestibility (%): Equivalent to	82	NA
Metabolizable Energy (MJ/kg):	12.4	NA
Sheep Intake (MJ/day): 50kg dry, Condition score 3	16.3	
Crude Protein (%):	25	NA
Pasture Height (cm):	8	NA
Ground Cover (%):	100	
Legume (%):	15	
State:	VIC	
Location:	South West	
Climate Zone:	Cool Temperate	
Major Species:	Chicory	

Comments	Dead stems not analysed, Photos and data supplied by EverGraze project
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