

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
WA Autumn High FOO

420EDKHA**I**bany High




	Green	Dead
Feed On Offer (kg/ha):	990	130
Digestibility (%):	73	53
Equivalent to		
Metabolizable Energy (MJ/kg):	10.9	7.4
Sheep Intake (MJ/day):	13.8	
50kg dry, Condition score 3		
Crude Protein (%):	18.5	8.5
Pasture Height (cm):	8	2
Ground Cover (%):	100	
Legume (%):	30	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Kikuyu	

Comments	Season has already broken
----------	---------------------------

421EDKA**I**banyVHigh




	Green	Dead
Feed On Offer (kg/ha):	1,630	170
Digestibility (%):	73	53
Equivalent to		
Metabolizable Energy (MJ/kg):	10.9	7.4
Sheep Intake (MJ/day):	14.4	
50kg dry, Condition score 3		
Crude Protein (%):	18.5	8.5
Pasture Height (cm):	10	2
Ground Cover (%):	100	
Legume (%):	40	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Kikuyu	

Comments	Season has already broken
----------	---------------------------

Lifetime Ewe Management - FOO Library Results
WA Autumn High FOO

424EDLAutumn13_VH_Dobbe




	Green	Dead
Feed On Offer (kg/ha):	1,280	0
Digestibility (%):	70	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.5	NA
Sheep Intake (MJ/day):	17.6	
50kg dry, Condition score 3		
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
----------	----------------------------

451VHMM-LRZ-280513-Bryant009




	Green	Dead
Feed On Offer (kg/ha):	2075	0
Digestibility (%):	77	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.7	NA
Sheep Intake (MJ/day):	15.8	
50kg dry, Condition score 3		
Crude Protein (%):	25	NA
Pasture Height (cm):	4	NA
Ground Cover (%):	90	
Legume (%):	50	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Burr medic	

Comments	
----------	--

Lifetime Ewe Management - FOO Library Results
WA Autumn High FOO

453HM-LRZ-280513-Bryant018




	Green	Dead
Feed On Offer (kg/ha):	2,160	0
Digestibility (%):	77	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	11.2	NA
Sheep Intake (MJ/day):	11.4	
50kg dry, Condition score 3		
Crude Protein (%):	25	NA
Pasture Height (cm):	1	NA
Ground Cover (%):	80	
Legume (%):	80	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Burr medic	

Comments	
----------	--

461mhHRZ100413DryBarleygrass1800




	Green	Dead
Feed On Offer (kg/ha):	0	1,790
Digestibility (%):	NA	38
Equivalent to		
Metabolizable Energy (MJ/kg):	NA	4.9
Sheep Intake (MJ/day):	5.6	
50kg dry, Condition score 3		
Crude Protein (%):	NA	5
Pasture Height (cm):	NA	35
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Barley grass	

Comments	Geen herbage not measured or tested
----------	-------------------------------------

Lifetime Ewe Management - FOO Library Results
WA Autumn High FOO

462mhHRZ 100413Grass2000_1




	Green	Dead
Feed On Offer (kg/ha):	2,000	0
Digestibility (%):	86	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	13.1	NA
Sheep Intake (MJ/day):	16.1	
50kg dry, Condition score 3		
Crude Protein (%):	33	NA
Pasture Height (cm):	10	NA
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	South Coast	
Climate Zone:	Mediterranean	
Major Species:	Annual grass	

Comments	Dead herbage not measured or tested
----------	-------------------------------------

465mhHRZ280513capeweed1000_3




	Green	Dead
Feed On Offer (kg/ha):	1090	0
Digestibility (%):	69	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	NA
Sheep Intake (MJ/day):	8.7	
50kg dry, Condition score 3		
Crude Protein (%):	22	NA
Pasture Height (cm):	1.5	NA
Ground Cover (%):	100	
Legume (%):	5	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Cape weed	

Comments	
----------	--

Lifetime Ewe Management - FOO Library Results
WA Autumn High FOO

466mhHRZ 280513capeweed1790_3



	Green	Dead
Feed On Offer (kg/ha):	1790	0
Digestibility (%):	69	NA
Equivalent to		
Metabolizable Energy (MJ/kg):	10.3	NA
Sheep Intake (MJ/day):	13.0	
50kg dry, Condition score 3		
Crude Protein (%):	22	NA
Pasture Height (cm):	4	NA
Ground Cover (%):	100	
Legume (%):	0	
State:	WA	
Location:	Great Southern	
Climate Zone:	Mediterranean	
Major Species:	Cape weed	

Comments	
----------	--