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
 For 20 cm rows reduce the FOO values by 10%.

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

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16LH-260812-Vineyard-VeryLow		Green	Dead
• Vhalaris / Darie /clover grass 24/8/012	Feed On Offer (kg/ha):	450	710
	Digestibility (%): Equivalent to	75	41
22 4 5 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	Metabolizable Energy (MJ/kg):	11.2	5.5
	Sheep Intake (MJ/day): 50kg dry, Condition score 3	10	
	Crude Protein (%):	17	3.0
	Pasture Height (cm):	3	2.0
	Ground Cover (%):	50)
	Legume (%):	4()
	State:	NS	W
	Location:	Central	West
	Climate Zone:	Mild/W Temp	
	Major Species:	Prairie	grass

Comments This paddock has been spelled for 80 days and has had very little rain

17LH-260812-Vineyard-Medium	Green	Dead
• Phalaris Prarie Iclover grass Prarie Feed On Offer (kg/ha):	3,330	950
Cn. 24/8/012 25 24 24 24 25 24 24 24 25 24 24 25 24 24 25 24 25 24 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 25 24 24 25 24 24 25 24 24 25 24 24 25 24 24 25 24 24 25 24 24 25 24 24 25 24 25 24 25 24 25 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25	75	41
23 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 21 22 22	11.2	5.5
20 19 18 20 20 20 20 20 20 20 20 20 20	17	
Crude Protein (%):	17	3.0
Pasture Height (cm):	8	8.0
Ground Cover (%):	10	0
Legume (%):	7	5
State:	NS	w
Location:	Centra	West
Climate Zone:	Mild/V Temp	
Major Species:	White	clover

Comments

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18LH-260812-Vineyard-High Green Dead halaris /Prarie Feed On Offer (kg/ha): 1,330 3,240 L qre Digestibility (%): 78 38 Equivalent to **Metabolizable Energy** 11.8 4.9 (MJ/kg): Sheep Intake (MJ/day): 17 50kg dry, Condition score 3 Crude Protein (%): 18 6.7 Pasture Height (cm): 18 14.0 Ground Cover (%): 100 Legume (%): 15 **NSW** State: Location: **Central West** Mild/Warm **Climate Zone:** Temperate **Major Species: Prairie grass**

Comments

19LH-260812-Vineyard-VeryHigh	Green	Dead
Soonabarabran Phabris /Parie Feed On Offer (kg/ha):	5,900	1,140
2.4 /g /o12 grave Control Digestibility (%):	78	38
Metabolizable Energy (MJ/kg):	11.8	4.9
Sheep Intake (MJ/day): 50kg dry, Condition score 3	17	
Crude Protein (%):	18	6.7
Pasture Height (cm):	20	10.0
Ground Cover (%):	10	00
Legume (%):	5	5
State:	NS	W
Location:	Centra	I West
Climate Zone:	Mild/V Temp	
Major Species:	Prairie	grass

Comments

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1SB-RIMG0012			Green	Dead
	a for a start	Feed On Offer (kg/ha):	320	2,554
	S AND	Digestibility (%): Equivalent to	53	37
June 12 Tam worth	ANALAS	Metabolizable Energy (MJ/kg):	7.5	4.8
Digit - Low		Sheep Intake (MJ/day): 50kg dry, Condition score 3	7.4	
		Crude Protein (%):	6	4.1
		Pasture Height (cm):	4	8.0
	PAUSALES	Ground Cover (%):	95	
	XUX KAN JAM	Legume (%):	0)
		State:	NS	
		Location:	North- Slop	
		Climate Zone:	Mild/V Temp	
		Major Species:	Digit g	grass

Comments

20LH-260812-Africa-VeryLow	Green	Dead
• Native - Red 24/8/012 gass	860	1,050
Digestibility (%): Equivalent to Metabolizable Energy	70	31
Metabolizable Energy (MJ/kg):	10.4	3.8
Sheep Intake (MJ/day): 50kg dry, Condition score 3	8	
Crude Protein (%):	9	4.5
Pasture Height (cm):	3	2.0
Ground Cover (%):	9	5
Legume (%):	Ę	5
State:	NS	W
Location:	Centra	l West
Climate Zone:	Mild/V Temp	
Major Species:	Couch	grass

Comments

Paddock rotationally grazed by cattle, no stock fo 10 days prior to samples taken

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21LH-260812-Africa-Medium	Green	Dead
Native - Ked game 24/8/012 Feed On Offer (kg/ha):	1,050	2,480
25 24 24 24 24 24 25 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	70	31
Metabolizable Energy (MJ/kg):	10.4	3.8
Sheep Intake (MJ/day): 50kg dry, Condition score 3	9	
Crude Protein (%):	9	4.5
Pasture Height (cm):	7	20.0
Ground Cover (%):	10)0
Legume (%):	5	5
State:	NS	W
Location:	Centra	l West
Climate Zone:	Mild/V Temp	
Major Species:	Spear	grass

Comments

22LH-260812-Africa-High

22LH-260812-Africa-High	Green	Dead
Native - Red gass Feed On Offer	(kg/ha): 1,330	2,480
24/8/012 Digestibility (% Equivalent to	%): 76	26
Metabolizable (MJ/kg):	Energy 11.5	2.8
Sheep Intake (50kg dry, Condition		
Crude Protein	(%): 19	3.8
Pasture Heigh	it (cm): 12	12.0
Ground Cover	(%):	100
Legume (%):		5
State:	N	ISW
Location:	Centr	ral West
Climate Zone:		/Warm iperate
Major Species	: Spea	ar grass

Comments

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23LH-260812-Africa-VeryHigh	Green	Dead
Coonabarabra Advive - Red Avaine - Native - Red Avaine -	1,450	6,952
Digestibility (%):	76	26
Metabolizable Energy (MJ/kg):	11.5	2.8
Sheep Intake (MJ/day): 50kg dry, Condition score 3		
Crude Protein (%):	19	3.8
Pasture Height (cm):	14	30.0
Ground Cover (%):	10	00
Legume (%):	()
State:	NS	SW
Location:	Centra	l West
Climate Zone:	Mild/V Temp	Varm perate
Major Species:	Spear	grass

Comments

2SB-RIMG0002

2SB-RIMG0002	Green	Dead
June 12 Feed On Offer (kg/ha):	470	3,781
Diget - Medrum	53	37
Metabolizable Energy (MJ/kg):	7.5	4.8
Sheep Intake (MJ/day): 50kg dry, Condition score 3	8.3	
Crude Protein (%):	6	4.1
Pasture Height (cm):	6	12.0
Ground Cover (%):	8	5
Legume (%):	()
State:	NS	W
Location:	North-West Slopes	
Climate Zone:	Mild/V	
Major Species:	Digit	grass

Comments

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3SB-RIMG0005	Green	Dead
Feed On Offer (kg/ha):	850	6,445
Digestibility (%): Equivalent to	52	40
Metabolizable Energy (MJ/kg):	7.3	5.3
Sheep Intake (MJ/day): 50kg dry, Condition score 3	6.9	
Crude Protein (%):	4	2.7
Pasture Height (cm):	10	18.0
Ground Cover (%):	80	
Legume (%):	0	
State:	NS ¹	
Location:	North-West Slopes	
Climate Zone:	Mild/V Temp	Varm
Major Species:	Digit	grass

Comments

4SB-RIMG0006b	Green	Dead
Feed On Offer (kg/ha):	1,420	4,070
Digestibility (%): Equivalent to	52	40
Metabolizable Energy (MJ/kg):	7.3	5.3
Sheep Intake (MJ/day): 50kg dry, Condition score 3	7.2	
Crude Protein (%):	4	2.7
Pasture Height (cm):	15	20.0
Ground Cover (%):	9	0
Legume (%):	C)
State:	NS	W
Location:	North-Wes Slopes	
Climate Zone:	Mild/V Temp	Varm
Major Species:	Digit	

Comments

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5SB-RIMG0007		Green	Dead
	eed On Offer (kg/ha):	310	3,236
	Digestibility (%): quivalent to	54	32
	/letabolizable Energy MJ/kg):	7.6	3.9
	Sheep Intake (MJ/day): 0kg dry, Condition score 3	7	
c	rude Protein (%):	7	2.9
	Pasture Height (cm):	7	14.0
G	Found Cover (%):	95	
	egume (%):	0)
s	itate:	NSW	
	ocation:	North-West Slopes	
C C	limate Zone:	Mild/V Temp	Varm
	lajor Species:	Slender i gra	rat's tail

Comments

6SB-RIMG0001

6SB-RIMG0001	Green	Dead
June 12 Tam worth Feed On Offer (kg/ha):	470	2,655
Digestibility (%): Equivalent to	54	32
Metabolizable Energy (MJ/kg):	7.6	3.9
Sheep Intake (MJ/day): 50kg dry, Condition score 3	9.7	
Crude Protein (%):	7	2.9
Pasture Height (cm):	8	14.0
Ground Cover (%):	90	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Blue grass	

Comments

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7SB-RIMG0003		Green	Dead
Jun 12 Tamworld	Feed On Offer (kg/ha):	890	4,851
Native - High	Digestibility (%): Equivalent to	56	40
	Metabolizable Energy (MJ/kg):	8.0	5.2
	Sheep Intake (MJ/day): 50kg dry, Condition score 3	9	
	Crude Protein (%):	7	3.5
	Pasture Height (cm):	10	15.0
	Ground Cover (%):	93	
	Legume (%):	0	
AND A CONTRACTOR OF	State:	NSW	
	Location:	North-West Slopes	
	Climate Zone:	Mild/Warm Temperate	
	Major Species:	Slender gra	rat's tail

Comments

8SB-RIMG0003	Green	Dead
June 12 Tomworth	1,220	6,025
Notive _ v. High Digestibility (%):	56	40
Metabolizable Energy (MJ/kg):	8.0	5.2
Sheep Intake (MJ/day): 50kg dry, Condition score 3	9	
Crude Protein (%):	7	3.5
Pasture Height (cm):	11	18.0
Ground Cover (%):	85	
Legume (%):	0	
State:	NSW	
Location:	North-West Slopes	
Climate Zone:	Mild/Warm Temperate	
Major Species:	Slender i gra	

Comments

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