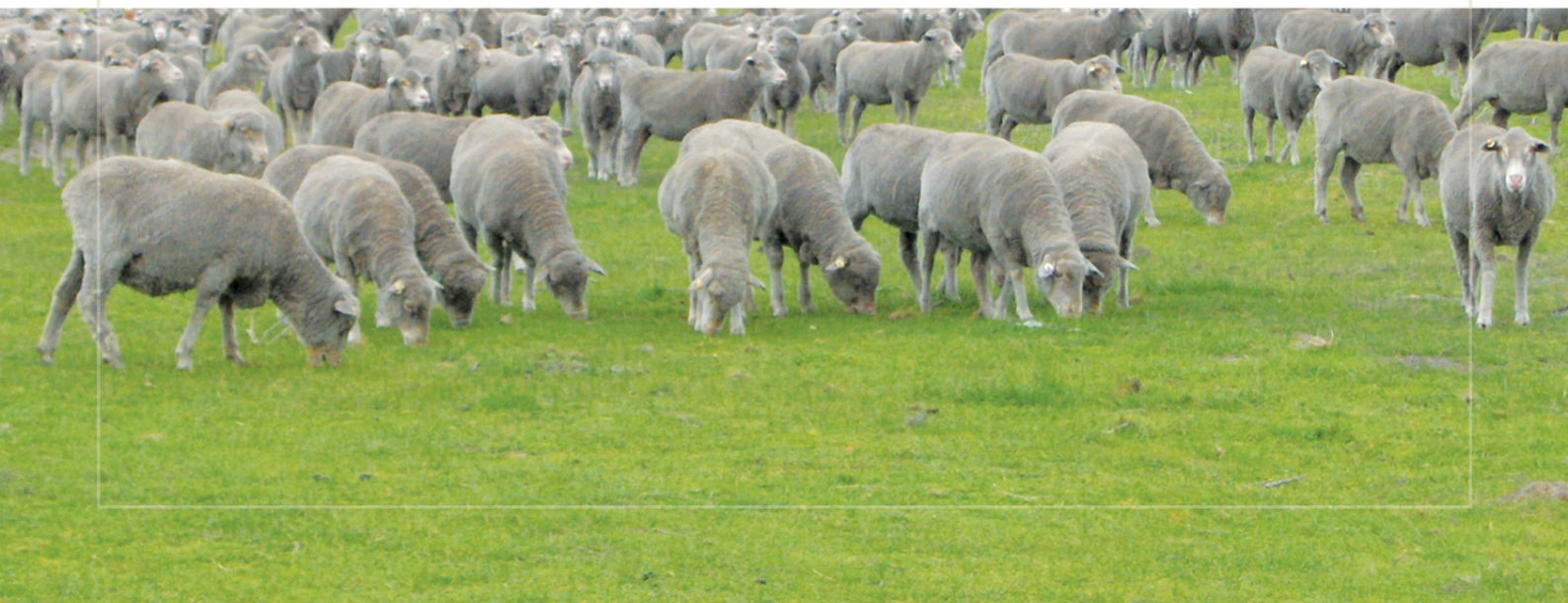


Feed on Offer Photo Library

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



316SummEGLucerneFOO600




| | Green | Dead |
|-------------------------------|----------------|-------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 600 | 100 |
| Digestibility (%): | 70 | 38 |
| Equivalent to | | |
| Metabolizable Energy (MJ/kg): | 10.4 | 5 |
| Sheep Intake (MJ/day): | 11.2 |  |
| 50kg dry, Condition score 3 | | |
| Crude Protein (%): | 19 | 8 |
| Pasture Height (cm): | 3 | 0.5 |
| Ground Cover (%): | 15 | |
| Legume (%): | 100 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

| | |
|----------|-------------------------------------------------------------------|
| Comments | Nutritive value data is from pooled samples from 600 - 5000 kg/ha |
|----------|-------------------------------------------------------------------|

317SummEGLucerneFOO1200




| | Green | Dead |
|-------------------------------|----------------|---------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 1,200 | 300 |
| Digestibility (%): | 70 | 38 |
| Equivalent to | | |
| Metabolizable Energy (MJ/kg): | 10.4 | 5 |
| Sheep Intake (MJ/day): | 14.4 |  |
| 50kg dry, Condition score 3 | | |
| Crude Protein (%): | 19 | 8 |
| Pasture Height (cm): | 5 | 1 |
| Ground Cover (%): | 50 | |
| Legume (%): | 100 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

| | |
|----------|-------------------------------------------------------------------|
| Comments | Nutritive value data is from pooled samples from 600 - 5000 kg/ha |
|----------|-------------------------------------------------------------------|

318SummEGLucerneFOO1700




| | Green | Dead |
|-------------------------------|----------------|-------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 1,700 | 300 |
| Digestibility (%): | 70 | 38 |
| Equivalent to | | |
| Metabolizable Energy (MJ/kg): | 11.0 | 5 |
| Sheep Intake (MJ/day): | 16.8 |  |
| 50kg dry, Condition score 3 | | |
| Crude Protein (%): | 19 | 8 |
| Pasture Height (cm): | 8 | 2 |
| Ground Cover (%): | 60 | |
| Legume (%): | 100 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

| | |
|----------|---------------------------------------------------------------------------------------------------------|
| Comments | Photo and data provided by EverGraze. Nutritive value data is from pooled samples from 600 - 5000 kg/ha |
|----------|---------------------------------------------------------------------------------------------------------|

319SummEGLucerneFOO2300




| | Green | Dead |
|-------------------------------|----------------|---------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 2,300 | 500 |
| Digestibility (%): | 70 | 38 |
| Equivalent to | | |
| Metabolizable Energy (MJ/kg): | 10.4 | 5 |
| Sheep Intake (MJ/day): | 17.3 |  |
| 50kg dry, Condition score 3 | | |
| Crude Protein (%): | 19 | 8 |
| Pasture Height (cm): | 10 | 5 |
| Ground Cover (%): | 90 | |
| Legume (%): | 100 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

| | |
|----------|-------------------------------------------------------------------|
| Comments | Nutritive value data is from pooled samples from 600 - 5000 kg/ha |
|----------|-------------------------------------------------------------------|

320SummEGLucerneFOO5300




| | Green | Dead |
|-------------------------------|----------------|-------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 5,300 | 500 |
| Digestibility (%): | 70 | 38 |
| Equivalent to | | |
| Metabolizable Energy (MJ/kg): | 10 | 5 |
| Sheep Intake (MJ/day): | 18.3 |  |
| 50kg dry, Condition score 3 | | |
| Crude Protein (%): | 19 | 8 |
| Pasture Height (cm): | 20 | 5 |
| Ground Cover (%): | 90 | |
| Legume (%): | 100 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

| | |
|----------|-------------------------------------------------------------------|
| Comments | Nutritive value data is from pooled samples from 600 - 5000 kg/ha |
|----------|-------------------------------------------------------------------|

508wintAMEGLucerne1100




| | Green | Dead |
|-------------------------------|----------------|---------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 1100 | 0 |
| Digestibility (%): | 80 | NA |
| Equivalent to | | |
| Metabolizable Energy (MJ/kg): | 12.2 | NA |
| Sheep Intake (MJ/day): | 15.1 |  |
| 50kg dry, Condition score 3 | | |
| Crude Protein (%): | 30 | NA |
| Pasture Height (cm): | 3 | NA |
| Ground Cover (%): | 100 | |
| Legume (%): | 60 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

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

509wintAMEGLucerne1300




| | Green | Dead |
|-------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 1300 | 0 |
| Digestibility (%): Equivalent to | 80 | NA |
| Metabolizable Energy (MJ/kg): | 12.2 | NA |
| Sheep Intake (MJ/day): 50kg dry, Condition score 3 | 16.6 |  |
| Crude Protein (%): | 30 | NA |
| Pasture Height (cm): | 5 | NA |
| Ground Cover (%): | 100 | |
| Legume (%): | 85 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

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

510wintAMEGLucerne2500




| | Green | Dead |
|-------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 2500 | 0 |
| Digestibility (%): Equivalent to | 80 | NA |
| Metabolizable Energy (MJ/kg): | 12.2 | NA |
| Sheep Intake (MJ/day): 50kg dry, Condition score 3 | 17.2 |  |
| Crude Protein (%): | 30 | NA |
| Pasture Height (cm): | 6 | NA |
| Ground Cover (%): | 100 | |
| Legume (%): | 70 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

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

511wintAMEGLucerne3100




| | Green | Dead |
|-------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 3100 | 0 |
| Digestibility (%): Equivalent to | 80 | NA |
| Metabolizable Energy (MJ/kg): | 12.2 | NA |
| Sheep Intake (MJ/day): 50kg dry, Condition score 3 | 18.1 |  |
| Crude Protein (%): | 30 | NA |
| Pasture Height (cm): | 8 | NA |
| Ground Cover (%): | 100 | |
| Legume (%): | 80 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

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

512wintAMEGLucerne3600



| | Green | Dead |
|-------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|
| Feed On Offer (kg/ha): | 3600 | 0 |
| Digestibility (%): Equivalent to | 80 | NA |
| Metabolizable Energy (MJ/kg): | 12.2 | NA |
| Sheep Intake (MJ/day): 50kg dry, Condition score 3 | 18.6 |  |
| Crude Protein (%): | 30 | NA |
| Pasture Height (cm): | 10 | NA |
| Ground Cover (%): | 100 | |
| Legume (%): | 90 | |
| State: | VIC | |
| Location: | South West | |
| Climate Zone: | Cool Temperate | |
| Major Species: | Lucerne | |

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