

# 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  
Vic Mediterranean photos

600EG-AUT-Microleana400klg100green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 400           | 0   |
| Digestibility (%):            | NA            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 11.4          | NA  |
| Sheep Intake (MJ/day):        | 9.9           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 24            | NA  |
| Pasture Height (cm):          | 2             | NA  |
| Ground Cover (%):             | 80            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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601EG-AUT-Microleana2200kg45green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 990           | 1,200   |
| Digestibility (%):            | 74            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 11.4          | 7   |
| Sheep Intake (MJ/day):        | 14.5          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 24            | 12  |
| Pasture Height (cm):          | 10            | 12  |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |

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603EG-AUT-Spear1100kg20green




|                               |               |   |
|-------------------------------|---------------|---|
|                               | Green         | Dead  |
| Feed On Offer (kg/ha):        | 220           | 880   |
| Digestibility (%):            | 57            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 8.2           | 6.4   |
| Sheep Intake (MJ/day):        | 8.1           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 9             | 5   |
| Pasture Height (cm):          | 6             | 8   |
| Ground Cover (%):             | 60            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Spear grass   |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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604EG-AUT-Wallaby900kg25green




|                               |               |   |
|-------------------------------|---------------|---|
|                               | Green         | Dead  |
| Feed On Offer (kg/ha):        | 225           | 675   |
| Digestibility (%):            | 68            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.5          | 7   |
| Sheep Intake (MJ/day):        | 7.8           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 20            | 7   |
| Pasture Height (cm):          | 2             | 3   |
| Ground Cover (%):             | 50            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Wallaby grass |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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605EG-AUT-Wallaby2900kg40green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 1160          | 1740  |
| Digestibility (%):            | 68            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.5          | 7   |
| Sheep Intake (MJ/day):        | 12.0          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 20            | 7   |
| Pasture Height (cm):          | 7             | 8   |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Wallaby grass |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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606EG-SPR-Microleana560kg100green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 560           | 0   |
| Digestibility (%):            | 75            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 11.5          | NA  |
| Sheep Intake (MJ/day):        | 10.5          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 25            | NA  |
| Pasture Height (cm):          | 2             | 0   |
| Ground Cover (%):             | 50            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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607EG-SPR-Microleana2500kg80green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 2000          | 0   |
| Digestibility (%):            | NA            | 67  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.2          | NA  |
| Sheep Intake (MJ/day):        | 13.2          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 12            | NA  |
| Pasture Height (cm):          | 8             | 0   |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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608EG-SPR-Spear1800kg50green



|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 900           | 900   |
| Digestibility (%):            | 64            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 9.1           | 6   |
| Sheep Intake (MJ/day):        | 8.7           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 9             | 8   |
| Pasture Height (cm):          | 4             | 9   |
| Ground Cover (%):             | 60            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Spear grass   |   |


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Lifetime Ewe Management - FOO Library Results  
Vic Mediterranean photos

609EG-SPR-Spear2800kg55green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 1540          | 1260  |
| Digestibility (%):            | 58            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 9.1           | 6   |
| Sheep Intake (MJ/day):        | 8.3           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 9             | 8   |
| Pasture Height (cm):          | 7             | 9   |
| Ground Cover (%):             | 80            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Spear grass   |   |

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610EG-SPR-Wallaby900kg80green



|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 720           | 180   |
| Digestibility (%):            | 69            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 11.0          | 6   |
| Sheep Intake (MJ/day):        | 9.7           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 20            | 5   |
| Pasture Height (cm):          | 3             | 3   |
| Ground Cover (%):             | 80            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |


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Lifetime Ewe Management - FOO Library Results  
Vic Mediterranean photos

611EG-SPR-Wallaby2200kg55green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 1210          | 990   |
| Digestibility (%):            | 67            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.5          | 5   |
| Sheep Intake (MJ/day):        | 9.5           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 15            | 4   |
| Pasture Height (cm):          | 4             | 4   |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Microleana    |   |

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612EG-SUMM-Microleana0311kg33green



|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 300           | 1000  |
| Digestibility (%):            | 77            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 12.0          | 4   |
| Sheep Intake (MJ/day):        | 11.0          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 20            | 5   |
| Pasture Height (cm):          | 3             | 2   |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 50            |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |

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# Lifetime Ewe Management - FOO Library Results

## Vic Mediterranean photos

613EG-SUMM-Microleana2900kg25green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 725           | 2175  |
| Digestibility (%):            | 67            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.0          | 5   |
| Sheep Intake (MJ/day):        | 10.2          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 12            | 5   |
| Pasture Height (cm):          | 5             | 5   |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Weeping grass |   |

**Comments** Photos supplied by the EverGraze project, nutritive values based on published data

614EG-SUMM-Spear600kg45green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 270           | 330   |
| Digestibility (%):            | 63            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 9.4           | 6   |
| Sheep Intake (MJ/day):        | 7.2           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 15            | 5   |
| Pasture Height (cm):          | 3             | 7   |
| Ground Cover (%):             | 30            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Spear grass   |   |

**Comments** Photos supplied by the EverGraze project, nutritive values based on published data



615EG-SUMM-Spear2000kg45green




|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 900           | 1100  |
| Digestibility (%):            | 61            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 9.4           | 6   |
| Sheep Intake (MJ/day):        | 8.5           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 15            | 4   |
| Pasture Height (cm):          | 5             | 10  |
| Ground Cover (%):             | 60            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Spear grass   |   |

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| Comments | Photos supplied by the EverGraze project, nutritive values based on published data |
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616EG-SUMM-Wallaby900kg25green



|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 225           | 675   |
| Digestibility (%):            | 67            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.2          | 4   |
| Sheep Intake (MJ/day):        | 7.4           |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 9             | 4   |
| Pasture Height (cm):          | 3             | 4   |
| Ground Cover (%):             | 50            |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Wallaby grass |   |

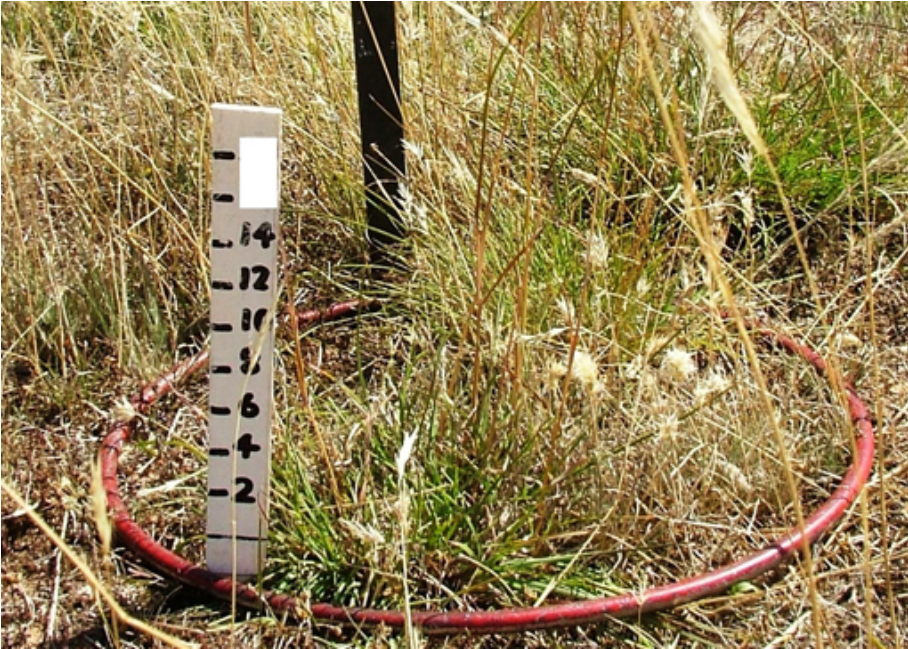
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Lifetime Ewe Management - FOO Library Results

Vic Mediterranean photos

617EG-SUMM-Wallaby1500kg35green



|                               | Green         | Dead  |
|-------------------------------|---------------|---|
| Feed On Offer (kg/ha):        | 525           | 975   |
| Digestibility (%):            | 70            | NA  |
| Equivalent to                 |               |   |
| Metabolizable Energy (MJ/kg): | 10.5          | 5   |
| Sheep Intake (MJ/day):        | 10.8          |  |
| 50kg dry, Condition score 3   |               |   |
| Crude Protein (%):            | 9             | 5   |
| Pasture Height (cm):          | 6             | 8   |
| Ground Cover (%):             | 100           |   |
| Legume (%):                   | 0             |   |
| State:                        | VIC           |   |
| Location:                     | North East    |   |
| Climate Zone:                 | Mediterranean |   |
| Major Species:                | Wallaby grass |   |

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