

ESTABLISHING DRYLAND LUCERNE STAND

Northern Zone

Summer 2010-11

** this budget is for the establishment of lucerne only.*

INCOME:

0.00 tonnes/ha@ \$0.00 /tonne (on farm)

| Sample Budget \$/ha | Your Budget \$/ha |
|---------------------|-------------------|
| \$0.00 | |

A. TOTAL INCOME \$/ha:

| | |
|---------------|--|
| \$0.00 | |
|---------------|--|

VARIABLE COSTS:

See next page for detail

| | | |
|--------------------------|----------|--|
| Land preparation..... | \$17.48 | |
| Sowing..... | \$30.37 | |
| Fertiliser..... | \$105.00 | |
| Herbicide..... | \$53.91 | |
| Insecticide..... | \$2.50 | |
| Contract harvesting..... | \$0.00 | |

B. TOTAL VARIABLE COSTS \$/ha:

| | |
|-----------------|--|
| \$209.27 | |
|-----------------|--|

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| CALENDAR OF OPERATIONS: | | | | | | | | |
|---|-------|------------|-----------------|----------------|---------|------------|----------------|---------------------|
| Operation | Month | Machinery | | | Inputs | | | Total Cost \$/ha |
| | | hrs/ha | Cost \$/hour | Total \$/ha | Rate/ha | Cost \$ | Total \$/ha | |
| <i>Type & timing of fallow weed control required will depend on previous crop type and weeds present.</i> | | | | | | | | |
| broadleaf and grass weed control eg: glyphosate 450 g/L | Jan | 0.10 | 17.05 | 1.71 | 1.2 L | 4.51/L | 5.41 | 7.12 |
| wetter - non-ionic surfactant | Jan | with above | | | 0.12 L | 7.01 | 0.84 | 0.84 |
| disc harrows | Feb | 0.58 | 17.82 | 10.34 | | | | 10.34 |
| scarify | Mar | 0.42 | 17.01 | 7.14 | | | | 7.14 |
| broadleaf and grass weed control eg: glyphosate 450 g/L | Mar | 0.10 | 17.05 | 1.71 | 1.2 L | 4.51/L | 5.41 | 7.12 |
| wetter - non-ionic surfactant | Mar | with above | | | 0.12 L | 7.01 | 0.84 | 0.84 |
| pre-emergent broadleaf and grass weed control e.g.: trifluralin | Apr | 0.42 | 17.01 | 7.14 | 2.1 L | 10.95/L | 23.00 | 30.14 |
| seed + inoculant | May | 0.29 | 21.97 | 6.37 | 4kg | 6.00/kg | 24.00 | 30.37 |
| fertiliser- Single Super | May | with above | | | 250kg | 0.42/kg | 105.00 | 105.00 |
| insecticide - dimethoate 400g EC | Jun | 0.10 | 17.05 | 1.71 | 0.090 L | 8.87/L | 0.80 | 2.50 |
| grass weed control e.g.. haloxyfop-R | Jun | with above | | | 0.075 L | 78.68/L | 5.90 | 5.90 |
| + crop oil | Jun | with above | | | 0.50 L | 3.91/L | 1.96 | 1.96 |

| | |
|--|---|
| NOTES: | The lucerne is assumed to last 4 years and hence 1/4 of the establishment costs are charged to the annual gross margin. |
| Soils: | Growers should assess soil pH and conduct soil tests to ensure the soil does not have aluminium and manganese toxicities. Check for other trace mineral toxicities as well prior to sowing lucerne in a new paddock. |
| Herbicides: | To reduce the likelihood of herbicide resistance, rotate herbicide groups and weed management techniques. Generally, good weed control is essential from the spring before sowing. |
| | For more information, refer to the I&I NSW Management Guide "Weed Control in Pastures and Lucerne 2010" |
| Insecticide: | Used to control blue oat mite and/or red legged earth mite. |
| | <i>- Always read chemical labels and follow directions, as it is your legal responsibility to do so.</i> |
| | <i>Use of a particular brand name does NOT imply recommendation of that brand by I&I NSW.</i> |
| LABOUR REQUIREMENTS: - labour is not costed in this budget. | |
| | According to the above operations, labour required is 2.39hrs/ha. Then multiplying this by 1.25 to allow for machinery repair time etc, and using a basic labour cost of \$21.00/hr, the cost of labour is \$62.67/ha, increasing the costs to \$271.94/ha. |
| MACHINERY ASSUMPTIONS: | |
| Tractor: | PTO power: 57kW (76 HP) |
| | machinery costs refer to variable costs of: fuel, oil, filters, tyres, batteries and repairs. |

This budget should be used as a GUIDE ONLY and should be changed by the grower to take account of movements in crop and input prices, changes in seasonal conditions and individual farm characteristics.