



## ESTABLISHING DRYLAND LUCERNE STAND

### Northern Zone

**April 2008**

*\* 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:**

<b>\$0.00</b>	
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**VARIABLE COSTS:**

See next page for detail

Cultivation.....	\$23.75	
Sowing.....	\$44.67	
Fertiliser.....	\$100.69	
Herbicide.....	\$73.91	
Insecticide.....	\$3.07	
Contract harvesting.....	\$0.00	

**B. TOTAL VARIABLE COSTS \$/ha:**

<b>\$246.09</b>	
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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 &amp; timing of fallow weed control required will depend on previous crop type and weeds present.</i>								
broadleaf and grass weed control eg: glyphosate 450	Jan	0.10	23.32	2.33	1.2 L	12.50/L	15.00	<b>17.33</b>
wetter - non-ionic surfactant	Jan	with above			0.12 L	8.00	0.96	<b>0.96</b>
disc harrows	Feb	0.58	24.09	13.97				<b>13.97</b>
scarify	Mar	0.42	23.28	9.78				<b>9.78</b>
broadleaf and grass weed control eg: glyphosate 450	Mar	0.10	23.32	2.33	1.2 L	12.50/L	15.00	<b>17.33</b>
wetter - non-ionic surfactant	Mar	with above			0.12 L	8.00	0.96	<b>0.96</b>
broadleaf and grass weed control eg: trifluralin	Apr	0.42	23.28	9.78	2.1 L	7.02/L	14.74	<b>24.52</b>
fertiliser- Single Super	May	0.29	28.24	8.19	250kg	0.37/kg	92.50	<b>100.69</b>
sowing + inoculant	May	0.29	28.24	8.19	4kg	9.12/kg	36.48	<b>44.67</b>
insecticide - dimethoate 400g EC	Jun	0.10	23.32	2.33	0.090 L	8.23/L	0.74	<b>3.07</b>
grass weed control eg. haloxyfop-R	Jun	with above			0.075 L	150.03/L	11.25	<b>11.25</b>
+ crop oil	Jun	with above			0.50 L	3.10/L	1.55	<b>1.55</b>

<b>NOTES:</b>	The lucerne is assumed to last 4 years and hence 1/4 of the establishment costs are charged to the annual gross margin. To reduce the likelihood of herbicide resistance, rotate herbicide groups and weed management techniques.
<b>Herbicides:</b>	Generally, good weed control is essential from the spring before sowing. For more information, refer to the NSW DPI Management Guide "Weed Control in Lucerne and Pastures"
<b>Insecticide:</b>	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 NSW DPI.</i>
<b>LABOUR REQUIREMENTS: - labour is not costed in this budget.</b>	
	According to the above operations, labour required is 2.75hrs/ha. Then multiplying this by 1.25 to allow for machinery repair time etc, and using a labour cost of \$16.00/hr, the cost of labour is \$55.00/ha, increasing the costs to \$301.09/ha.
<b>MACHINERY ASSUMPTIONS:</b>	
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.