



Autumn Legume Pasture: Established into Stubble Central Zone - East Winter 2012

	Standard Budget \$/ha	Your Budget \$/ha
INCOME:		
0.00 tonnes/ha @ \$0.00 /tonne (on farm)	\$0.00	
A. TOTAL INCOME \$/ha:	\$0.00	
VARIABLE COSTS:		
See opposite page for detail		
Sowing.....	\$63.21	
Fertiliser.....	\$123.60	
Herbicide.....	\$29.09	
Insecticide.....	\$29.09	
Irrigation.....	\$5.88	
Contract-harvesting.....	\$0.00	
B. TOTAL VARIABLE COSTS \$/ha:	\$250.86	
C. GROSS MARGIN (A-B) \$/ha:	(\$250.86)	

PRODUCT TRADE NAMES

The product trade names in this publication are supplied on the understanding that no preference between equivalent products is intended and that the inclusion of a product does not imply endorsement by NSW DPI over any other equivalent product from another manufacturer.

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CALENDAR OF OPERATIONS:

Operation	Month	Machinery			Inputs			Total Cost \$/ha
		hr/ha	Cost \$/hour	Total \$/ha	rate/ha	Cost \$	Total \$/ha	
Weed control eg: glyphosate 450 g/L (Roundup CT®)	Jan/Feb	0.05	53.40	\$2.88	1.20 L	\$4.68/L	\$5.62	\$8.49
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Jan/Feb with above				0.20 L	\$7.00/L	\$1.40	\$1.40
Weed control eg: glyphosate 450 g/L (Roundup CT®)	Mar/Apr	0.05	53.40	\$2.88	1.00 L	\$4.68/L	\$4.68	\$7.56
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Mar/Apr with above				0.20 L	\$7.00/L	\$1.40	\$1.40
Weed control eg: glyphosate 450 g/L (Roundup CT®)	Apr/May	0.05	53.40	\$2.88	1.20 L	\$4.68/L	\$5.62	\$8.49
Weed control eg: trifluralin 480 g/L (Triflur® X)	Apr/May with above				1.20 L	\$8.53/L	\$10.24	\$10.24
Mite control eg: omethoate 290 g/L (Le-mat®)	Apr/May	0.05	53.40	2.88	0.10 L	\$30.00/L	\$3.00	\$5.88
Sowing	May	0.17	74.40	\$12.50	5.50 kg	\$9.22/kg	\$50.71	\$63.21
Fertiliser eg: MAP	May with above				120 kg	\$1.03/kg	\$123.60	\$123.60

*** Input and crop prices are correct at the time of writing (March 2012). Market uncertainty makes estimation of future pricing impractical.

NOTES:

General:

- Pasture is direct drilled into cereal stubble the following autumn with an appropriate no-till planter.
- This method of pasture establishment improves the reliability of establishment and productivity of the stand.
- The lucerne/clover/medic pasture is assumed to last 5 years but costs vary depending on pasture varieties used and seasonal conditions.
- Lucerne, clover and medic seed need to be inoculated with the correct rhizobium prior to sowing.
- Under certain circumstances reduced tillage practices may be more appropriate for the control of wireweed and fumitory. This may involve scarifying and Trifluralin application and incorporation prior to sowing.

Fertiliser:

- Phosphorus and sulfur (eg. Single super) is recommended at sowing.
- Topdressing may be required in the second or third year with 120 kg/ha single super (depending on dry matter yield) and soil phosphorus levels.

Insect Control:

- Earthmite control may be necessary at early establishment.

Machinery:

- A tractor with 153 kW (181 HP) pto power and 166 kW (225 HP) engine power is assumed.
- Machinery costs refer only to variable costs: fuel, oil, filters, tyres, batteries & repairs.

Labour:

- The labour required for machinery operations is 0.48 hr/ha
- Using a labour cost of \$22/hr, an additional \$10.55 can be deducted from the budget

Important notes:

- These gross margins are only a guide. They do not include overhead costs.
- **Use your own figures and price assumptions to estimate your own gross margin.**
- Use of a particular brand name does not imply a recommendation of that brand by NSW DPI.