



## NSW DEPARTMENT OF PRIMARY INDUSTRIES

# Linseed or Linola: Short Fallow (No-till)

## Central Zone - East

## Winter 2009

### 1. GROSS MARGIN BUDGET:

**INCOME:**

1.60 tonnes/ha @ \$800.00 /tonne (on farm)

**A. TOTAL INCOME \$/ha:**
**VARIABLE COSTS:**

See opposite page for detail

Cultivation.....	\$0.00
Sowing.....	\$40.82
Fertiliser.....	\$131.50
Herbicide.....	\$53.91
Insecticide.....	\$42.60
Contract-harvesting.....	\$50.00
Levies.....	\$13.06
Crop Insurance.....	\$45.92
Cartage, grading & bagging.....	\$0.00

**B. TOTAL VARIABLE COSTS \$/ha:**
**C. GROSS MARGIN (A-B) \$/ha**

Standard Budget \$/Ha	Your Budget \$/Ha
\$1,280.00	
<b>\$1,280.00</b>	
\$0.00	
\$40.82	
\$131.50	
\$53.91	
\$42.60	
\$50.00	
\$13.06	
\$45.92	
\$0.00	
<b>\$377.80</b>	
<b>\$902.20</b>	

### 2. EFFECT OF YIELD AND PRICE ON GROSS MARGIN PER HECTARE:

YIELD tonnes/ha	ON FARM PRICE (\$/tonne)					Gross Margin (\$/ha)
	\$720 /t	\$760 /t	<b>\$800 /t</b>	\$840 /t	\$880 /t	
1.00	\$368	\$406	\$444	\$482	\$521	
1.20	\$505	\$551	\$597	\$643	\$689	
1.40	\$643	\$696	\$750	\$803	\$856	
<b>1.60</b>	\$780	\$841	<b>\$902</b>	\$963	\$1,024	←
1.80	\$917	\$986	\$1,055	\$1,124	\$1,192	
2.00	\$1,055	\$1,131	\$1,207	\$1,284	\$1,360	
2.20	\$1,192	\$1,276	\$1,360	\$1,444	\$1,528	

**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 Department of Primary Industries over any other equivalent product from another manufacturer.

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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	
Weed control eg: glyphosate 450 g/litre	Jan	0.05	43.36	<b>\$2.34</b>	1.20 L	\$7.38/L	<b>\$8.85</b>	<b>\$11.19</b>
Weed control eg: glyphosate 450 g/litre	Apr	0.05	43.36	<b>\$2.34</b>	0.80 L	\$7.38/L	<b>\$5.90</b>	<b>\$8.24</b>
Weed control eg: trifluralin 480® g/litre	Apr	0.05	43.36	<b>\$2.34</b>	1.20 L	\$8.05/L	<b>\$9.66</b>	<b>\$11.99</b>
Sowing	May	0.17	64.36	<b>\$10.82</b>	25 kg	\$1.20/kg	<b>\$30.00</b>	<b>\$40.82</b>
Nitrogen fertiliser eg: Urea	Apr	with above			40 kg	\$0.85/kg	<b>\$34.00</b>	<b>\$34.00</b>
Starter fertiliser eg: Starter 15®	May	with above			100 kg	\$0.98/kg	<b>\$97.50</b>	<b>\$97.50</b>
Broadleaf weed control eg: Bromoxynil (Linseed only)	Jun	0.05	43.36	<b>\$2.34</b>	1.40 L	\$14.40/L	<b>\$20.16</b>	<b>\$22.50</b>
Heliothis control eg: alpha-cypermethrin (Fastac Duo®)	Sep	contract		<b>\$18.15</b>	0.30 L	\$10.50/L	<b>\$3.15</b>	<b>\$21.30</b>
Heliothis control eg: alpha-cypermethrin (Fastac Duo®)	Oct	contract		<b>\$18.15</b>	0.30 L	\$10.50/L	<b>\$3.15</b>	<b>\$21.30</b>
Contract-harvest	Nov	contract		<b>\$50.00</b>				<b>\$50.00</b>
Crop Levies					1.02%	of on-farm value		<b>\$13.06</b>
Crop Insurance					3.59%	of on-farm value		<b>\$45.92</b>

\*\*\* Input and crop prices are correct at the time of writing (March 2009). Market uncertainty makes estimation of future pricing impractical.

### NOTES:

<b>Soil:</b>	- Suited to heavier textured soils with good fertility.
<b>Place in rotation:</b>	- Good break crop for cereal diseases and particularly useful as break for root lesion nematode. - Short Fallow: Fallow or weed free period of 5-6 months between harvest of one crop and sowing of the next crop. For example, a paddock harvested in November would allow for a 5-6 month fallow until sowing.
<b>Seed:</b>	- Seed price used above is for purchased seed; if using retained seed adjust budget accordingly.
<b>Weed control:</b>	- Glyphosate for fallow weed control. Trifluralin for pre-emergent weed control. - Rotate herbicide groups and use other non-chemical methods to avoid herbicide resistance developing.
<b>Insecticides:</b>	- Heliothis control is critical and two sprays are likely each year, beginning from budding. Consult your local agronomist for heliothis control measures or refer to Insect & Mite Control in Field Crops-2009. - Cutworms may need control during establishment (June), 1 year in 5.
<b>Marketing:</b>	- Linseed or Linola is a specialist market and forward contracts are essential with crushing companies.
<b>Machinery:</b>	- A tractor with 149 kW (200 HP) pto power and 177 kW (240 HP) engine power is assumed. - Machinery costs refer only to variable costs: fuel, oil, filters, tyres, batteries & repairs. - Contract-harvesting does not include the cost of fuel.
<b>Labour:</b>	- The labour required for machinery operations is 0.48 hrs/ha - Using a labour cost of \$14/hr, an additional \$6.71 can be deducted from the budget
<b>Important notes:</b>	- These gross margins are only a guide. They do not include overhead costs. - <b>Use your own figures and price assumptions to estimate your own gross margin.</b> - Use of a particular brand name does NOT imply a recommendation of that brand by NSW Department of Primary Industries.

This budget is ONLY A GUIDE and should be altered for movements in crop and input prices, changes in seasonal conditions and the farm characteristics.