

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

### Winter 2012

#### 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

Sowing.....	\$42.50
Fertiliser.....	\$129.00
Herbicide.....	\$59.42
Insecticide.....	\$41.14
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>	
\$42.50	
\$129.00	
\$59.42	
\$41.14	
\$50.00	
\$13.06	
\$45.92	
\$0.00	
<b>\$381.04</b>	
<b>\$898.96</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	\$365	\$403	\$441	\$479	\$517	
1.20	\$502	\$548	\$594	\$639	\$685	
1.40	\$639	\$693	\$746	\$800	\$853	
<b>1.60</b>	\$777	\$838	<b>\$899</b>	\$960	\$1,021	←
1.80	\$914	\$983	\$1,052	\$1,120	\$1,189	
2.00	\$1,052	\$1,128	\$1,204	\$1,281	\$1,357	
2.20	\$1,189	\$1,273	\$1,357	\$1,441	\$1,525	

##### 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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## Central Zone - East

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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®)	Dec/Jan	0.05	53.40	<b>\$2.88</b>	1.20 L	\$4.68/L	<b>\$5.62</b>	<b>\$8.49</b>
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Dec/Jan	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Weed control eg: triclopyr 600 g/L (Garlon®)	Dec/Jan	with above			0.08 L	\$19.60/L	<b>\$1.57</b>	<b>\$1.57</b>
Weed control eg: glyphosate 450 g/L (Roundup CT®)	Feb/Mar	0.05	53.40	<b>\$2.88</b>	1.00 L	\$4.68/L	<b>\$4.68</b>	<b>\$7.56</b>
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Feb/Mar	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Weed control eg: 2,4-D amine 300 g/L (Surpass®)	Feb/Mar	with above			1.00 L	\$3.80/L	<b>\$3.80</b>	<b>\$3.80</b>
Weed control: eg trifluralin 500 g/L (Triflur® X)	Apr/May	0.05	53.40	2.88	1.20 L	\$8.53/L	<b>\$10.24</b>	<b>\$13.11</b>
Nitrogen fertiliser eg: Urea	Apr/May	with above			40 kg	\$0.70/kg	<b>\$28.00</b>	<b>\$28.00</b>
Sowing	May	0.17	74.40	<b>\$12.50</b>	25 kg	\$1.20/kg	<b>\$30.00</b>	<b>\$42.50</b>
Starter fertiliser eg: Starter 15®	May	with above			100 kg	\$1.01/kg	<b>\$101.00</b>	<b>\$101.00</b>
Broadleaf weed control eg: bromoxynil 200 g/L (Bromoxynil®)(Linseed only)	Jun	0.05	53.40	<b>\$2.88</b>	1.40 L	\$13.72/L	<b>\$19.21</b>	<b>\$22.08</b>
Heliothis control eg: alpha-cypermethrin 100 g/L (Fastac Duo®)	Sep	contract		<b>\$18.15</b>	0.30 L	\$8.07/L	<b>\$2.42</b>	<b>\$20.57</b>
Heliothis control eg: alpha-cypermethrin 100 g/L (Fastac Duo®)	Oct	contract		<b>\$18.15</b>	0.30 L	\$8.07/L	<b>\$2.42</b>	<b>\$20.57</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 2012). 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 <b>in linseed only</b> . - Rotate herbicide groups and use other non-chemical methods to avoid herbicide resistance developing.
<b>Insect control:</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-2012. - 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.
<b>Machinery:</b>	- 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. - Contract-harvesting does not include the cost of fuel.
<b>Labour:</b>	- The labour required for machinery operations is 0.41 hr/ha - Using a labour cost of \$22/hr, an additional \$9.07 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 DPI.