



## **Triticale: Short Fallow**

## **Central Zone - East**

Winter 2012

## **1. GROSS MARGIN BUDGET:**

**INCOME:** 3.40 tonnes/ha @ \$150.00 /tonne (on farm)

Standard Budget \$/ha	Your Budget \$/ha
\$510.00	
<b>\$510.00</b>	
\$9.77	
\$63.50	
\$94.98	
\$53.41	
\$0.00	
\$64.80	
\$5.10	
\$10.46	
\$0.00	
<b>\$302.02</b>	
<b>\$207.98</b>	

### VARIABLE COSTS:

See opposite page for detail

Cultivation.....
Sowing.....
Fertiliser.....
Herbicide.....
Fungicide
Contract-harvesting.....
Levies.....
Crop Insurance.....
Cartage, grading & bagging.....

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

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

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

YIELD tonnes/ha	ON FARM PRICE (\$/tonne)				
	\$110 /t	\$130 /t	\$150 /t	\$170 /t	\$190 /t
1.90	\$67	-\$30	\$7	\$43	\$80
2.40	\$19	\$28	\$75	\$121	\$168
2.90	\$29	\$85	\$141	\$197	\$254
<b>3.40</b>	<b>\$76</b>	<b>\$142</b>	<b>\$208</b>	<b>\$274</b>	<b>\$340</b> ←
3.90	\$123	\$199	\$275	\$350	\$426
4.40	\$171	\$256	\$341	\$427	\$512
4.90	\$218	\$313	\$408	\$503	\$598
5.40	\$265	\$370	\$475	\$580	\$684

## **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

**Winter 2012**

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	<b>\$2.88</b>	1.20 L	\$4.68/L	<b>\$5.62</b>	<b>\$8.49</b>
Wetter eg. alkoxylated alcohol 1000 g/L (BS 1000®)	Jan/Feb	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Weed control eg: triclopyr 600 g/L (Garlon®)	Jan/Feb	with above			0.08 L	\$19.60/L	<b>\$1.57</b>	<b>\$1.57</b>
Cultivation	Mar	0.17	57.07	<b>\$9.77</b>				<b>\$9.77</b>
Weed control eg: glyphosate 450 g/L (Roundup CT®)	Apr/May	0.05	53.40	<b>\$2.88</b>	0.80 L	\$4.68/L	<b>\$3.74</b>	<b>\$6.62</b>
Wetter eg. alkoxylated alcohol 1000 g/L (BS 1000®)	Apr/May	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Sowing	May	0.17	74.40	<b>\$12.50</b>	60 kg	\$0.85/kg	<b>\$51.00</b>	<b>\$63.50</b>
Seed dressing eg: Armour® C SD	May	with above			0.06 kg	\$28.00/kg	<b>\$1.680</b>	<b>\$1.68</b>
Nitrogen fertiliser eg: Urea	May	with above			45 kg	\$0.70/kg	<b>\$31.50</b>	<b>\$31.50</b>
Starter fertiliser eg: MAP	May	with above			60 kg	\$1.03/kg	<b>\$61.80</b>	<b>\$61.80</b>
Grass weed control eg: diclofop-methyl 500 g/L (Hoegrass®)	Jun	0.05	53.40	<b>\$2.88</b>	1.10 L	\$21.50/L	<b>\$23.65</b>	<b>\$26.53</b>
Wetter eg. alkoxylated alcohol 1000 g/L (BS 1000®)	Jun	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Broadleaf weed control eg: LVE Agritone® 500g/L	Jul	with above	0.00		0.60 L	\$10.00/L	<b>\$6.00</b>	<b>\$6.00</b>
Contract-harvest	Dec	contract		<b>\$64.80</b>				<b>\$64.80</b>
Crop Levies					1.00% of on-farm value			<b>\$5.10</b>
Crop Insurance					2.05% of on-farm value			<b>\$10.46</b>

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

### NOTES:

#### Soil:

- Suitable crop for growing on light textured acid soils with moderate to high aluminium levels.

#### Seed:

- Seed price used above is for purchased seed; if using retained seed adjust budget accordingly.

#### Place in rotation:

- Can be grown in rotation with oats or a legume crop such as lupins on acid soils.
- Short Fallow: Fallow or weed free period of 5-6 months between harvest of one crop and sowing of the next crop.

#### Weed control:

- Weed control, if required, should be implemented within 6-8 weeks of sowing to limit yield loss. A wide range of herbicides can be used.

#### Machinery:

- Rotate herbicide groups and use other non-chemical methods to avoid herbicide resistance developing.
- Machinery costs refer only to variable costs: fuel, oil, filters, tyres, batteries & repairs.

#### Labour:

- A tractor with 153 kW (181 HP) pto power and 166 kW (225 HP) engine power is assumed.
- Contract-harvesting does not include the cost of fuel.

#### Important notes:

- The labour required for machinery operations is 0.63 hr/ha
- Using a labour cost of \$22/hr, an additional \$13.77 can be deducted from the budget
- 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.