

Oats: Grain (Short Fallow)

Central Zone - East

Winter 2012

1. GROSS MARGIN BUDGET:

INCOME:

3.40 tonnes/ha @ \$140.00 /tonne (on farm) (feed)

A. TOTAL INCOME \$/ha:

VARIABLE COSTS:

See opposite page for detail

	Standard Budget \$/ha	Your Budget \$/ha
Cultivation.....	\$9.77	
Sowing	\$55.00	
Fertiliser.....	\$89.80	
Herbicide.....	\$36.11	
Insecticide.....	\$8.88	
Contract-harvesting.....	\$64.80	
Levies.....	\$4.83	
Crop Insurance.....	\$9.76	
Cartage, grading & bagging.....	\$0.00	

B. TOTAL VARIABLE COSTS \$/ha:

\$278.95

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

\$197.05

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

YIELD tonnes/ha	ON FARM PRICE (\$/tonne)					Gross Margin (\$/ha)
	\$100 /t	\$120 /t	\$140 /t	\$160 /t	\$180 /t	
1.90	-\$63	-\$27	\$10	\$47	\$84	
2.40	-\$20	\$27	\$73	\$120	\$166	
2.90	\$23	\$79	\$135	\$191	\$248	
3.40	\$65	\$131	\$197	\$263	\$329	
3.90	\$108	\$183	\$259	\$334	\$410	
4.40	\$150	\$235	\$321	\$406	\$491	
4.90	\$193	\$288	\$383	\$478	\$573	
5.40	\$235	\$340	\$444	\$549	\$654	

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®)	Dec/Jan	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®)	Dec/Jan	with above			0.20 L	\$7.00/L	\$1.40	\$1.40
Weed control eg: triclopyr 600 g/L (Garlon®)	Dec/Jan	with above			0.08 L	\$19.60/L	\$1.57	\$1.57
Cultivation	Mar/Apr	0.17	57.07	\$9.77				\$9.77
Weed control eg: glyphosate 450 g/L (Roundup CT®)	May	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®)	May	with above			0.20 L	\$7.00/L	\$1.40	\$1.40
Sowing	May	0.17	74.40	\$12.50	50 kg	\$0.85/kg	\$42.50	\$55.00
Seed dressing eg: Raxil® TSD	May	with above			0.05 kg	\$23.00/kg	\$1.150	\$1.15
Nitrogen fertiliser eg: urea	May	with above			40 kg	\$0.70/kg	\$28.00	\$28.00
Starter fertiliser eg: MAP	May	with above			60 kg	\$1.03/kg	\$61.80	\$61.80
Early post-emergent weed control eg: chlorsulfuron 750 g/L (Glean®)	Jun	0.05	53.40	\$2.88	20 g	\$0.08/g	\$1.60	\$4.48
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Jun	with above			0.20 L	\$7.00/L	\$1.40	\$1.40
Broadleaf weed control eg: LVE Agritone® 500g/L	Aug	0.05	53.40	2.88	0.60 L	\$10.00/L	\$6.00	\$8.88
Contract-harvest	Nov	contract		\$64.80				\$64.80
Crop Levies					1.02% of on-farm value			\$4.83
Crop Insurance					2.05% of on-farm value			\$9.76

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

NOTES:

Place in rotation:

- 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 in May.

Seed:

- Oats are not a disease break crop. It should be regarded as a host to common cereal diseases.

Variety:

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

Weed control:

- Seek advice from district agronomist or see Winter Crop Variety Sowing Guide - 2012 for variety selection.

Machinery:

- There are a wide range of herbicide combinations which can be used.

- Rotate herbicide groups and use other non-chemical methods to delay herbicide resistance.

- 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.

Labour:

- 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

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.