



Oats: Grain (Short Fallow) Central Zone - East

Winter 2009

1. GROSS MARGIN BUDGET:

INCOME:

2.80 tonnes/ha @ \$190.00 /tonne (on farm) (feed)

A. TOTAL INCOME \$/ha:

VARIABLE COSTS:

See opposite page for detail

Cultivation.....	\$8.05	
Sowing	\$72.12	
Fertiliser.....	\$92.50	
Herbicide.....	\$45.83	
Insecticide.....	\$0.00	
Contract-harvesting.....	\$57.60	
Levies.....	\$5.40	
Crop Insurance.....	\$10.91	
Cartage, grading & bagging.....	\$0.00	

B. TOTAL VARIABLE COSTS \$/ha:

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

Standard Budget \$/Ha	Your Budget \$/Ha
\$532.00	
\$532.00	
\$8.05	
\$72.12	
\$92.50	
\$45.83	
\$0.00	
\$57.60	
\$5.40	
\$10.91	
\$0.00	
\$292.41	
\$239.59	

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

YIELD tonnes/ha	ON FARM PRICE (\$/tonne)					Gross Margin (\$/ha)
	\$150 /t	\$170 /t	\$190 /t	\$210 /t	\$230 /t	
1.30	-\$77	-\$52	-\$27	-\$2	\$23	
1.80	-\$5	\$30	\$65	\$100	\$135	
2.30	\$64	\$109	\$154	\$198	\$243	
2.80	\$131	\$185	\$240	\$294	\$348	
3.30	\$198	\$262	\$326	\$390	\$454	
3.80	\$264	\$338	\$412	\$485	\$559	
4.30	\$331	\$414	\$498	\$581	\$665	
4.80	\$398	\$491	\$584	\$677	\$770	

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.

Oats: Grain (Short Fallow)

Central Zone - East

Winter 2009

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	Dec	0.05	43.36	\$2.34	1.20 L	\$7.38/L	\$8.85	\$11.19
Weed control eg: Garlon®	Dec	with above			0.12 L	\$29.93/L	\$3.59	\$3.59
Weed control eg: glyphosate 450 g/litre	Feb	0.05	43.36	\$2.34	1.00 L	\$7.38/L	\$7.38	\$9.71
Weed control eg: 2,4-D amine (Surpass®)	Mar	with above			1.20 L	\$6.22/L	\$7.46	\$7.46
Cultivation	Mar/Apr	0.17	47.03	\$8.05				\$8.05
Sowing	May	0.17	64.36	\$10.82	50 kg	\$1.23/kg	\$61.30	\$72.12
Nitrogen fertiliser eg: Urea	May	with above			40 kg	\$0.85/kg	\$34.00	\$34.00
Starter fertiliser eg: MAP	May	with above			60 kg	\$0.98/kg	\$58.50	\$58.50
Early post-emergent weed control eg: Chlorsulfuron (Glean®)	Jun	0.05	43.36	\$2.34	20 g	\$0.12/g	\$2.35	\$4.69
Early post-emergent weed control eg: MCPA LVE®	Jul/Aug	0.05	43.36	\$2.34	0.70 L	\$9.81/g	\$6.86	\$9.20
Contract-harvest	Nov	contract		\$57.60				\$57.60
Crop Levies					1.02% of on-farm value			\$5.40
Crop Insurance					2.05% of on-farm value			\$10.91

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

NOTES:

Soil:	- Well adapted to all soil types. Oats are more suited to the light sandy acid soils than wheat or barley.
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. - Oats are not a disease break crop. It should be regarded as a host to common cereal root diseases. - There are a wide range of herbicide combinations which can be used.
Seed:	- Seed price used above is for purchased seed; if using retained seed adjust budget accordingly.
Variety:	- Seek advice from district agronomist or see Winter Crop Variety sowing Guide - 2009 for variety selection.
Weed control:	- Rotate herbicide groups and use other non-chemical methods to avoid herbicide resistance.
Machinery:	- 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.
Labour:	- The labour required for machinery operations is 0.56 hrs/ha - Using a labour cost of \$14/hr, an additional \$7.82 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 Department of Primary Industries.