



OATS: Grazing & Grain (Short Fallow)

Southern Zone - east

Dryland Winter: 2012

1. GROSS MARGIN BUDGET:

INCOME:

2.50	tonnes/ha@	\$140.00	/tonne on farm (feed)
20	sheep/ha@	0.15 kg/day	x 75 days x \$2.50/kg

A. TOTAL INCOME \$/ha:

VARIABLE COSTS:

See following page for detail

Cultivation

Sowing

Fertiliser & application

Herbicide & application

Insecticide & application

Contract harvesting

Levies

Crop Insurance

Cartage & grading

B. TOTAL VARIABLE COSTS \$/ha:

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

Standard Budget \$/ha	Your Budget \$/ha
\$350.00	
\$562.50	
\$912.50	
\$31.83	
\$36.41	
\$122.40	
\$40.36	
\$0.00	
\$37.07	
\$3.57	
\$7.78	
\$0.00	
\$279.41	
\$633.09	

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	
1.00	\$391	\$411	\$430	\$449	\$469	
1.50	\$440	\$469	\$498	\$527	\$556	
2.00	\$488	\$527	\$565	\$604	\$643	
2.50	\$536	\$585	\$633	\$681	\$730	
3.00	\$585	\$643	\$701	\$759	\$817	
3.50	\$633	\$701	\$769	\$836	\$904	
4.00	\$678	\$755	\$833	\$910	\$988	

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.

OATS: Grazing & Grain (Short Fallow)

Southern Zone - east

Dryland Winter: 2012

CALENDAR OF OPERATIONS:

Operation	Month	Machinery			Inputs			Total Cost \$/ha
		hrs /ha	Cost \$/hour	Total \$/ha	Rate/ha	Cost \$	Total \$/ha	
Broad leaf and grass weed control eg ground spray glyphosate 450 and	Jan/Feb	0.05	70.67	\$3.81	1.50 L/ha	\$4.20/L	\$6.30	\$10.11
2,4-D 600LVE	With above				0.90 L/ha	\$11.61/L	\$10.45	\$10.45
Burn	March							
Cultivation - Scarify / Harrow	March	0.35	91.67	\$31.83				\$31.83
Sow (seed cost is based on farmer's own seed)	March	0.17	91.67	\$15.41	70kg/ha	\$0.30 /kg	\$21.00	\$36.41
Apply starter fertiliser eg. MAP	March	with above			80kg/ha	\$0.76 /kg	\$60.80	\$60.80
In crop broadleaf and grass weed control eg. ground spray chlorsulfuron (Glean®)	May	0.05	70.67	\$3.81	20 g/ha	\$132.2 /kg	\$2.64	\$6.45
& eg. ground spray MCPA 500	May	with above			1.50 L/ha	\$8.90/L	\$13.35	\$13.35
Apply nitrogen eg. urea ground spread	July	contract		\$5.50	85kg/ha	\$0.660 /kg	\$56.10	\$61.60
Contract harvest	Dec	contract		\$37.07				\$37.07
Board & Research Levies					1.015% of on-farm value			\$3.57
Crop Insurance					2.224% of on-farm value			\$7.78

NOTES:

Use of a particular brand name does NOT imply a recommendation of that brand by NSW DPI.

Always read chemical labels and follow directions carefully, as it is your legal responsibility to do so.

Varieties:

- See NSW DPI "Winter crop variety sowing guide 2012".

Herbicide Resistance Management:

- Record herbicide groups and rotate groups where possible to avoid developing herbicide resistance on your farm.

Seed:

- Budgets are based on cost of using own seed. Consider retail seed price at \$850/tonne, if growing a new variety.

Economic note:

- To calculate a grazing value consider the stocking rate, length of grazing time and the value of grazing (eg. agistment rate).

Herbicides:

- Good weed control is required in previous years.

Prices:

- Prices for this crop can fluctuate widely.

Labour:

- The labour required for machinery operations is 0.71 hrs/ha.
 - At \$22/hour this costs: \$15.65 /ha changing the gross margin to \$617.43 /ha

Machinery:

- A tractor with 141kW (190 HP) pto power and 148 kW (225 HP) engine power is assumed.
 - Machinery costs refer only to variable costs: fuel, oil, filters, tyres, batteries & repairs.

Economic note:

- These gross margins are only a guide. They do not include overhead costs or GST.

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

- Use your own figures and price assumptions to estimate your own gross margin.