



WHEAT: Short Fallow (ASW/APW/AH) - Conventional cultivation

Southern Zone - West

Dryland Winter 2012

1. GROSS MARGIN BUDGET:

INCOME:

2.20 tonnes/ha @ \$200 /t on farm

Standard Budget \$/ha	Your Budget \$/ha
\$440	

A. TOTAL INCOME \$/ha:

\$440	
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VARIABLE COSTS:

See following page for detail

Cultivation.....	\$46
Sowing.....	\$24
Fertiliser.....	\$38
Herbicide.....	\$22
Contract harvesting.....	\$37
Levies.....	\$4
Crop insurance.....	\$10
Cartage.....	\$0

\$46	
\$24	
\$38	
\$22	
\$37	
\$4	
\$10	
\$0	
\$181	

B. TOTAL VARIABLE COSTS \$/ha:

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

\$259	
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SENSITIVITY TABLES

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

YIELD tonnes/ha	ON FARM PRICE (\$/tonne)				
	\$160 /t	\$180 /t	\$200 /t	\$220 /t	\$240 /t
0.70	-\$21	-\$8	\$6	\$20	\$33
1.20	\$56	\$79	\$103	\$126	\$149
1.70	\$134	\$167	\$199	\$232	\$265
2.20	\$211	\$254	\$259	\$339	\$381
2.70	\$286	\$338	\$353	\$442	\$495
3.20	\$357	\$419	\$481	\$543	\$605
3.70	\$429	\$500	\$572	\$643	\$715

Gross Margin (\$/ha)



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CALENDAR OF OPERATIONS:		Machinery			Inputs			Total
Operation	Month	hrs/ha	Cost \$/hour	Total \$/ha	Rate/ha	Cost \$	Total \$/ha	Cost \$/ha
Harrow stubble	Jan	0.17	\$47.90	\$8.14				\$8.14
Chisel plough	Jan/Feb	0.22	\$56.22	\$12.55				\$12.55
Scarify	Mar/Apr	0.35	\$72.14	\$25.25				\$25.25
Broadleaf and grass spray eg: Glyphosate + Pre sowing spray eg Logran® + Wetting agent LI700	May	0.05	\$53.37	\$2.87	1.20 L/ha	\$4.20/L	\$5.04	\$7.91
	May	with above			0.035 kg/ha	\$64/kg	\$2.22	\$2.22
		with above			0.18 L/ha	\$7/kg	\$0.61	\$1.23
Sow (seed cost is based on farmer's own seed)	May	0.17	\$87.87	\$14.94	30 kg/ha	\$0.30/kg	\$9.00	\$23.94
Starter fertiliser eg: MAP		with above			50 kg/ha	\$760 /t	\$38.00	\$38.00
Sulphate of Ammonia	May	with above			50 kg/ha	\$680 /t	\$34.00	\$34.00
Grass weed control eg: Clodinafop-propargyl (Topik®)	Jul	0.05	\$53.37	\$2.87	0.085 L/ha	\$87/L	\$7.40	\$10.27
Contract harvest	Nov	contract						\$37.07
Crop Levies					1.02%	of on-farm value		\$4.47
Crop Insurance					2.224%	of on-farm value		\$9.79

AGRONOMIC 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.

- Cropcheck:** - Monitor and record crop performance. Key checks include establishment, weeds, insects, tiller numbers, disease and grain fill.
- Rotation:** - Sown as a crop following a grain legume, canola or oats.
- Higher risk of cereal root disease when following a wheat or barley. Burning previous wheat stubbles minimises risks from yellow leaf spot and crown rot. Where suitable machinery is available, stubble retention is preferred over burning for sustainable farming.
- Varieties:** - See NSW DPI *Winter crop variety sowing guide 2012* for approved varieties in SNSW.
- This budget is based on Ventura.
- Seed:** - When using own seed treat with registered seed dressing. If sowing stripe rust susceptible varieties consider fungicide seed dressings such as Triadimenol (eg Baytan®) or Fluquinconazole (eg Jockey®).
- Budgets are based on cost of using own seed. Consider retail seed price at \$920/tonne, if growing a new or hybrid variety.
- Sowing Time:** - Increase seeding rate 10% if sowing time is delayed after May.
- See *Winter crop variety sowing guide 2012* for recommended sowing windows for each variety.
- Weed control:** - See *Weed control in winter crops 2012*. A possible post emergence broadleaf weed control - eg MCPA 500 - may be needed in some cases.
- Wetting agent LI700 is used at 350ml/100L of spray solution, but most farmers spray @50L/ha.
- Machinery:** - A tractor with 149 kW (200 HP) pto power and 177kW (240 HP) engine power is assumed.
- Machinery costs refer only to variable costs: fuel, oil, filters, tyres, batteries & repairs.
- Labour:** - The labour required for machinery operations is 1.17 hr/ha.
- Using a labour cost of \$22/hr, an additional \$25.74/ha can be deducted from the budget.
- Economic note:** - These gross margins are only a guide. They do not include overhead costs or GST.
- **Use your own figures and price assumptions to estimate your own gross margin.**