



**WHEAT: Short Fallow (ASW/APW/AH): No till**  
Southern Zone - West

Dryland Winter 2012

**1. GROSS MARGIN BUDGET:**

**INCOME:**

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

Standard Budget \$/ha	Your Budget \$/ha
\$500	

**A. TOTAL INCOME \$/ha:**

<b>\$500</b>	
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**VARIABLE COSTS:**

See following page for detail

Cultivation.....	
Sowing.....	
Fertiliser.....	
Herbicide.....	
Contract harvesting.....	
Levies.....	
Crop insurance.....	
Cartage.....	

\$0	
\$24	
\$72	
\$49	
\$64	
\$5	
\$11	
\$0	
<b>\$225</b>	

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

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

<b>\$275</b>	
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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
1.00	-\$27	-\$7	\$12	\$31	\$51
1.50	\$51	\$80	\$109	\$138	\$167
2.00	\$128	\$167	\$206	\$244	\$283
<b>2.50</b>	\$178	\$227	<b>\$275</b>	\$324	\$372
3.00	\$256	\$314	\$372	\$430	\$489
3.50	\$334	\$402	\$470	\$537	\$605
4.00	\$412	\$490	\$567	\$644	\$722

Gross Margin (\$/ha)



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### CALENDAR OF OPERATIONS:

Operation	Month	Machinery			Inputs			Total
		hrs/ha	Cost \$/hour	Total \$/ha	Rate/ha	Cost \$	Total \$/ha	Cost \$/ha
Broadleaf and grass spray eg: Glyphosate	Dec	0.05	\$53.37	\$2.87	0.80 L/ha	\$4.20/L	\$3.36	<b>\$6.23</b>
Melon control eg Garlon®		with above			0.06 L/ha	\$20.30/L	\$1.22	<b>\$1.22</b>
Wetting agent LI700		with above			0.18 L/ha	\$7.00/L	\$0.61	<b>\$0.61</b>
Broadleaf and grass spray eg: Glyphosate	Jan/Feb	0.05	\$53.37	\$2.87	0.80 L/ha	\$4.20/L	\$3.36	<b>\$6.23</b>
Broadleaf control eg Surpass®		with above			\$0.60/L	\$6.97/L	\$4.18	<b>\$4.18</b>
Wetting agent LI700		with above			0.18 L/ha	\$7.00/L	\$0.61	<b>\$1.23</b>
Broadleaf and grass spray eg: Glyphosate	Apr/May	0.05	\$53.37	\$2.87	1.20 L/ha	\$4.20/L	\$5.04	<b>\$7.91</b>
Pre sowing spray eg IBS Treflan®480		with above			1.50 L/ha	\$8.50/L	\$12.75	<b>\$12.75</b>
Wetting agent LI700		with above			0.18 L/ha	\$7.00/L	\$1.23	<b>\$1.23</b>
Sow (seed cost is based on farmer's own seed)	May	0.17	87.87	14.94	30.00	0.30	9.00	<b>\$23.94</b>
Starter fertiliser eg: MAP		with above			50 kg/ha	\$760 /t	\$38.00	<b>\$38.00</b>
Sulphate of Ammonia	May	with above			50 kg/ha	\$680 /t	\$34.00	<b>\$34.00</b>
Broadleaf weed control eg: MCPA LVE 500	Jul	\$0.05	\$53.37	\$2.87	0.600 L/ha	\$6.76/L	\$4.06	<b>\$6.93</b>
Contract harvest	Nov	contract		\$64.21				<b>\$64.21</b>
Crop Levies					1.02%	of on-farm value		<b>\$5.08</b>
Crop Insurance					2.224%	of on-farm value		<b>\$11.12</b>

### 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:** - Ideally sown as a crop following a grain legume, canola or oats.  
- Higher risk of cereal root disease when following a wheat or barley crop.  
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:** - 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 by 10% if sowing time is delayed past 31<sup>st</sup> 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 grass weed control eg Topik® 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.