



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

Dryland Winter 2012

1. GROSS MARGIN BUDGET:

INCOME:

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

Standard Budget \$/ha	Your Budget \$/ha
\$680	

A. TOTAL INCOME \$/ha:

\$680

VARIABLE COSTS:

See following page for detail

Cultivation.....	\$0
Sowing.....	\$24
Fertiliser.....	\$61
Herbicide.....	\$68
Contract harvesting.....	\$48
Levies.....	\$7
Crop insurance.....	\$15
Cartage.....	\$0

\$0
\$24
\$61
\$68
\$48
\$7
\$15
\$0
\$223

B. TOTAL VARIABLE COSTS \$/ha:

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

\$457

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
1.90	\$105	\$141	\$178	\$215	\$252
2.40	\$182	\$229	\$275	\$321	\$368
2.90	\$254	\$310	\$367	\$423	\$479
3.40	\$326	\$392	\$457	\$523	\$589
3.90	\$397	\$473	\$548	\$624	\$699
4.40	\$469	\$554	\$639	\$724	\$809
4.90	\$540	\$635	\$730	\$824	\$919

Gross Margin (\$/ha)



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Operation	Month	Machinery			Inputs			Total Cost \$/ha
		hrs/ha	Cost \$/hour	Total \$/ha	Rate/ha	Cost \$	Total \$/ha	
Broadleaf & grass weed control eg: glyphosate 450	July	0.05	\$53.37	\$2.87	1.00 L/ha	\$4.20/L	\$4.20	\$7.07
Wetting agent LI700		with above			0.18 L/ha	\$7.00/L	\$0.61	\$1.23
Broadleaf & grass weed control eg: glyphosate 450	Oct	0.05	\$53.37	\$2.87	1.00 L/ha	\$4.20/L	\$4.20	\$7.07
Wetting agent LI700		with above			0.18 L/ha	\$7.00/L	\$0.61	\$1.23
Broadleaf and grass spray eg: Glyphosate +		0.05	\$53.37	\$2.87	1.00 L/ha	\$4.20	\$4.20	\$7.07
Melon control eg Garlon® +		With above			0.08 L/ha	\$20.30	\$1.62	\$1.62
Wetting agent LI700		With above			0.18 L/ha	\$7.00	\$0.61	\$1.23
Broadleaf and grass spray eg: Glyphosate 450 +	Mar	0.05	\$53.37	\$2.87	1.50 L/ha	\$4.20/L	\$6.30	\$9.17
Broadleaf control eg Surpass®		With above			1.00 L/ha	\$6.97/L	\$6.97	\$6.97
Wetting agent LI700		With above			0.18 L/ha	\$7.00/L	\$0.61	\$1.23
Pre sowing spray eg Logran® 750 +	May	0.05	\$53.37	\$2.87	0.035kg/ha	\$63.50	\$2.22	\$5.10
glyphosate 450		with above			0.80 L/ha	\$4.20/L	\$3.36	\$3.36
Pre sowing spray eg IBS Treflan®480		with above			1.80 L/ha	\$8.50/L	\$15.30	\$15.30
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			80 kg/ha	\$760/t	\$60.80	\$60.80
Contract harvest	Nov	contract		\$48.23				\$48.23
Crop Levies					1.02%	f on-farm value		\$6.90
Crop Insurance					2.224%	f on-farm value		\$15.12

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:

- Can be the first crop following a pasture phase, or a long fallow after an earlier crop of wheat.
 - Fallow commencement in June/July minimises risk from "Take-All" and Rhizoctonia.
 - This rotation aims at storing subsoil moisture from the fallow.
 - Weed control is essential for maximising moisture retention.

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.

Weed control:

Number and timing of herbicides will vary according to season. Aim to spray to remove pasture or hard to kill weeds. Cultivation can replace herbicides if needed and can aid in moisture infiltration in some paddocks. Be careful cultivating light soils for risk of erosion.
 - Wetting agent LI700 is used at 350ml/100L of spray solution, but most farmers spray @50L/ha.
 - See *Weed control in winter crops 2012*. Weed control will vary between paddocks and season.

Sowing time:

- Increase seeding rate by 10% if sowing time is delayed after May.
 - See Winter crop variety sowing guide 2012 for recommended sowing windows for each variety.

Fertiliser:

- Phosphorus and nitrogen fertiliser are important for good yields. It is important to match fertiliser rates with conditions at sowing, and expected yield potential.

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 1.42 hr/ha.
 - Using a labour cost of \$22/hr, an additional \$31.34/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.