



DRYLAND SUNFLOWERS (No-till, mono-unsaturated)

Farm Enterprise Budget Series - North-East NSW

Summer 2011-2012

1. GROSS MARGIN BUDGET:

INCOME:

1.60 tonnes/ha at \$563.00 /tonne (on farm).....

Sample Budget \$/ha	Your Budget \$/ha
\$900.80	

Cartage costs will vary with distance, so have not been included. The on-farm price is after cartage.

Crop prices were correct at the time of writing (Sep 2011), world market volatility makes estimation of future pricing impractical.

A. TOTAL INCOME \$/ha:

\$900.80	
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VARIABLE COSTS:

see following page(s) for details

Sowing.....	\$65.07	
Fertiliser & application.....	\$166.00	
Herbicide & application.....	\$84.96	
Insecticide & application.....	\$47.36	
Harvesting.....	\$66.20	
Levies and insurance.....	\$47.11	

B. TOTAL VARIABLE COSTS \$/ha:

\$476.70	
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C. GROSS MARGIN (A-B) \$/ha:

\$424.10	
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2. EFFECT OF YIELD AND PRICE ON GROSS MARGIN PER HECTARE:

(A) SENSITIVITY TABLE

YIELD tonnes/ha	On Farm Price						
	\$503 /t	\$523 /t	\$543 /t	\$563 /t	\$593 /t	\$623 /t	\$653 /t
0.70	-\$119	-\$105	-\$91	-\$77	-\$57	-\$36	-\$15
1.00	\$30	\$50	\$70	\$90	\$119	\$149	\$179
1.30	\$180	\$205	\$231	\$257	\$296	\$334	\$373
1.60	\$329	\$361	\$392	\$424	\$472	\$519	\$567
1.85	\$454	\$490	\$527	\$563	\$618	\$673	\$728
2.10	\$578	\$620	\$661	\$703	\$765	\$827	\$890
2.35	\$702	\$749	\$796	\$842	\$912	\$982	\$1,051

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CALENDAR OF OPERATIONS:		Machinery			Inputs			Total
Operation	Month	hrs /ha	Cost	Total	Rate/ha	Cost	Total	Total Cost \$/ha
			\$/hour	\$/ha		\$	\$/ha	
Herbicide - glyphosate CT	Jan	0.05	54.60	2.73	1.5 L	4.42	6.63	9.36
Wetter - non-ionic surfactant	Jan	with above			0.2 L	6.45	1.29	1.29
Herbicide - paraquat + diquat	Jan	0.05	54.60	2.73	2.0 L	10.28	20.56	23.29
Herbicide - glyphosate CT	Mar	0.05	54.60	2.73	1.2 L	4.42	5.30	8.03
Wetter - non-ionic surfactant	Mar	with above			0.2 L	6.45	1.29	1.29
Herbicide - glyphosate CT	Jun	0.05	54.60	2.73	1.0 L	4.42	4.42	7.15
Herbicide - 2,4-D i.p.a. 300 g/L	Jun	with above			0.66 L	4.20	2.77	2.77
Wetter - non-ionic surfactant	Jun	with above			0.2 L	6.45	1.29	1.29
Herbicide - glyphosate CT	Sep	0.05	54.60	2.73	1.2 L	4.42	5.30	8.03
Wetter - non-ionic surfactant	Sep	with above			0.2 L	6.45	1.29	1.29
Sowing - sunflower seed, treated	Sep	0.18	74.08	13.33	2.7 kg	19.16	51.73	65.07
Fertiliser - Urea (bulk)	Sep	with above			160 kg	0.70	112.00	112.00
Fertiliser - Granulock SuPreme Z	Sep	with above			50 kg	1.08	54.00	54.00
Herbicide - haloxyfop-R 520 g/L	Oct	0.05	54.60	2.73	0.15 L	103.00	15.45	18.18
Uptake oil	Oct	with above			0.50 L	5.96	2.98	2.98
Insecticide - alpha-cypermethrin 100 g/L EC	Dec	aerial spray		20.00	0.4 L	9.20	3.68	23.68
Insecticide - alpha-cypermethrin 100 g/L EC	Jan	aerial spray		20.00	0.4 L	9.20	3.68	23.68
Crop insurance **	Jan			4.21%				37.92
Harvest (contract) #	Mar	contract		66.20	per ha incl fuel			66.20
Grains Research Levy				1.02%	of farm gate value			9.19

AGRONOMIC NOTES:

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

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

LABOUR REQUIREMENTS:

- labour is not costed in this budget. If labour costs \$21.00 /hr, total labour cost would be \$12.60, reducing the gross margin to \$412 /ha.

MACHINERY ASSUMPTIONS:

Tractor: 130-140 KW PTO (173-180 HP)

Machinery costs refer to variable costs of: fuel, oil, filters, tyres, batteries and repairs.

You may need to add overhead costs as well, please refer to the Tractor and Implement Costs Guide