



DRYLAND LINSEED (No Till)

Farm Enterprise Budget Series - North East NSW

Winter 2009

1. GROSS MARGIN BUDGET:

INCOME:	1.20 tonnes/Ha	
Edible grain	1.02 tonnes/Ha@	\$800.00 /tonne (on farm)
Meal	0.18 tonnes/Ha@	\$150.00 /tonne (on farm)

Standard Budget \$/Ha	Your Budget \$/Ha
\$816.00	
\$27.00	

Usually only grown under contract, see notes section.

Crop prices were correct at the time of writing (Mar 17 2009), world market volatility makes estimation of future pricing impractical.

A. TOTAL INCOME \$/Ha:

\$843.00	
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VARIABLE COSTS:

See next page for detail

Sowing.....	\$53.28	
Fertiliser.....	\$199.28	
Herbicide.....	\$71.94	
Insecticide.....	\$50.23	
Contract harvesting.....	\$79.72	
Levies.....	\$8.32	
Crop Insurance.....	\$30.26	
Cartage, grading & bagging.....	\$0.00	

B. TOTAL VARIABLE COSTS \$/Ha:

\$493.04	
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C. GROSS MARGIN (A-B) \$/Ha

\$349.96	
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Water use efficiency example

Growing season rainfall (ie in-crop): mm
 Stored fallow moisture: mm (25% of rainfall in fallow period assumed)

Early crop water use: mm
 Total crop water use mm
 Gross margin per mm
 kg of grain per mm

317	
75	
110	
282	
\$1.24	
4.26	

Please refer to the "Water Use Efficiency in Northern NSW Winter Crop Enterprise Budgets" summary for more information on water use efficiency assumptions used at right.

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

YIELD	tonnes/Ha	ON FARM PRICE (\$/tonne)				
		\$640 /t	\$720 /t	\$800 /t	\$880 /t	\$960 /t
Gradings		\$120 /t	\$135 /t	\$150 /t	\$165 /t	\$180 /t
0.07	0.41	-\$197	-\$165	-\$133	-\$101	-\$68
0.11	0.61	-\$68	-\$20	\$28	\$76	\$125
0.14	0.82	\$60	\$125	\$189	\$253	\$318
0.18	1.02	\$189	\$269	\$350	\$430	\$511
0.27	1.53	\$511	\$631	\$752	\$872	\$993
0.36	2.04	\$832	\$993	\$1,154	\$1,315	\$1,475
0.45	2.55	\$1,154	\$1,355	\$1,556	\$1,757	\$1,958

Gross margin is zero when income is reduced by 42%
 or variable costs are increased by 71%

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CALENDAR OF OPERATIONS:		Machinery*			Inputs			Total
Operation	Month	Cost		Total	Cost		Total	Cost
		hrs/Ha	\$/hour		\$/Ha	Rate/Ha		
harvest previous crop	Nov							
broadleaf and grass weed control eg: glyphosate 450 g/L	Dec	0.05	45.64	2.28	1.2 L	7.43/L	8.92	\$11.20
broadleaf weed control eg 2,4-D amine 300g/L	Dec	with above			1.80 L	4.23/L	7.61	\$7.61
wetting agent	Dec	with above			0.25 L	8.84/L	2.21	\$2.21
broadleaf and grass weed control eg: glyphosate 450 g/L	Feb	0.05	45.64	2.28	1.75 L	7.43/L	13.00	\$15.28
nitrogen fertiliser eg. anhydrous ammonia	Mar	0.17	45.91	7.80	122 kg	1.09/kg	132.98	\$140.78
broadleaf and grass weed control eg: glyphosate 450 g/L	May	0.05	45.64	2.28	1.25 L	7.43/L	9.29	\$11.57
broadleaf weed control eg. MCPA 500g/kg	May	with above			0.70 L	6.78/L	4.75	\$4.75
sowing	May	0.17	66.34	11.28	35kg	1.20/kg	42.00	\$53.28
Fertiliser - Starter Z	May	with above			50kg	1.17/kg	58.50	\$58.50
broadleaf weed control eg. Tordon 242®	Jun	0.05	45.64	2.28	0.75 L	22.71/L	17.03	\$19.31
**insect control eg. Decis Options®	Sept	aerial spray		14.50	0.50 L	21.23/L	10.62	\$25.12
**insect control eg. Decis Options®	Oct	aerial spray		14.50	0.50 L	21.23/L	10.62	\$25.12
contract harvest	Nov			79.72				\$79.72
levies				1.02%	of on-farm value			\$8.32
crop insurance				3.590%	of on-farm value			\$30.26

Input prices were correct at the time of writing (Mar 17 2009). Current fertiliser and chemical market uncertainty makes estimation of future pricing impractical.

NOTES:

Growers should assess soil moisture profiles and fertility levels to assist with yield estimates.

Rotation place: Good crop to undersow with pasture, but growers need to allow for extra nitrogen at the end of the rotation. This also reduces the stubble handling problem.

Good break crop for cereal diseases and particularly when root lesion nematode is a problem.

Soil type: Suited to heavier textured wheat soils with good fertility.

Nutrition: Ensure adequate levels of N, P and Zn are applied or are present in the soil as linseed is highly VAM dependent.

Seed: Seed price used above is for purchased seed; if using retained seed adjust budget accordingly.

Herbicides: To reduce the likelihood of herbicide resistance, rotate herbicide groups and weed management techniques. Refer to the NSW DPI booklet "Weed Control in Winter Crops 2009" for options.

****Insecticides:** Heliothis control is critical. More than one spray may be needed from budding. Consult your local agronomist for heliothis control measures.

Linseed Marketing: Austrgrains Moree supply the seed with the contract, phone 6752 2300. Most linseed grown in the north is aimed at the human consumption market.

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

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

Machinery pto power: 130 kW (175HP); engine power: 146 kW (196 HP). Machinery costs refer to variable costs of: fuel, oil, filters, tyres, batteries and repairs. Contract harvesting does not include the cost of fuel.

Labour According to the above operations, labour required is 0.49hrs/ha. Then multiplying this by 1.25 to allow for machinery repair time etc, and using a labour cost of \$19/hr, the cost of labour is \$11.34/ha, reducing the gross margin to \$338.63/ha.