

PERENNIAL TROPICAL GRASS PASTURE

Farm Enterprise Budget Series - Northern NSW

Vertosols (black soils)

Summer 2009-2010

<u>1. ESTABLISHMENT - Prepared Seedbed</u>				Sample Budget	Your Budget
VARIABLE COSTS:				\$/ha	\$/ha
<i>Machinery Operations</i>					
<u>Month</u>	<u>Operation</u>	<u>Tractor time</u>	<u>Cost</u>		
		(Hrs/ha)	(\$/unit)		
July	Chisel plough	0.22	48.90 \$/Hr	\$10.76	
September	Scarify	0.17	47.46 \$/Hr	\$8.07	
	Harrow	0.17	47.46 \$/Hr	\$8.07	
October	Herbicide, pre-sowing	0.05	47.19 \$/Hr	\$2.36	
	Glyphosate CT	1.5 L	5.21 /L	\$7.82	
	Wetter with glyphosate	0.2 L	6.86 /L	\$1.37	
	Sow	0.17	67.89 \$/Hr	\$11.54	
	Single Super	150 Kg/Ha	0.42 /Kg	\$63.00	
<i>Bare seed (coated seed will require a higher rate per ha)</i>					
Bambatsi Panic	2.0 Kg/Ha	@	\$18.55 /Kg	\$37.10	
Rhodes grass	1.0 Kg/Ha	@	\$12.54 /Kg	\$12.54	
Purple Pigeon grass	1.0 Kg/Ha	@	\$12.50 /Kg	\$12.50	
B. Total Variable Costs				\$175.12	

<u>2. MAINTENANCE (every 2 years)</u>				Sample Budget	Your Budget
VARIABLE COSTS:				\$/ha	\$/ha
<i>Machinery Operations</i>					
<u>Month</u>	<u>Operation</u>				
April	Topdress fertiliser		contract spread @ \$80/t	\$10.00	
<i>Fertiliser</i>					
- Sulphate of Ammonia	125 Kg/Ha	@	\$0.28 /Kg	\$35.00	
Cost every 2 years				\$45.00	
B. Total Variable Costs				\$22.50	

NOTES:

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

Preparation: This budget does not allow for costs prior to pasture establishment, such as forage oats crops.

Fertiliser: Fertiliser requirements should be based on paddock records and soil tests. Nitrogen fertiliser may need to be used if there is no legume in the pasture being sown.

Costs vary widely across the region, depending on the objective of the enterprise, sowing time or location.

Different soils have different requirements in terms of fertiliser rates.

Pasture varieties: The varieties in the budget are an example only, check pasture variety recommendations for your rainfall zone and soil type.

For detailed information please refer to other publications on pasture production, including "Pasture Production for Livestock" or the "Pasture Planner" on the I&I NSW website (www.dpi.nsw.gov.au/agriculture), which has extensive information on varieties and their suitability to each zone of NSW.

Suggested average planting establishment success rates:

High rainfall zone (east of Moree/Newell Highway) 2 in 3 years

Medium rainfall zone (west of Moree/Newell Highway) 2 in 3 years

Low rainfall zone (Walgett) 1 in 4 years

Machinery - Tractor pto power: 57 KW PTO (76 HP) AND 63 KW ENGINE (86 HP)

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

You may need to add overhead costs as well.