

**CANE PLANTING COSTS - MINIMUM TILLAGE**

G/6A/2007

**2007/2008 SEASON**

**(These are general methods and rates only. Please adjust for individual circumstances.)**

				<b>COST/HA RANDS</b>
<b>Seedbed Preparation</b>				
1 Full cover spray with Glyphosate				
2 Minimum tillage with disc ridger in interrow.				
	<b>HOURS</b>		<b>COST/HR</b>	<b>COST/HA</b>
Glyphosate				
8 Litres per Ha @ R22.84 per litre				R182.74
Spraying - one man-day				R51.02
Min-tiller: rotary and ridge	2.0		R275.19	R550.38
Contour Structures	2.0		R157.88	R315.76
				<b>1 099.89</b>
<b>Hand Planting</b>				
25 Labour days per Ha (Plant and Cover)				
Cost of Labour			R51.02 per day	
				<b>1 275.45</b>
<b>Fertiliser</b>				
1 Soil Sample test (SASRI)	R91.00	/sample =	R91.00	
200 kg DAP (38) + 0.5% Zn	R4 490.00	per ton =	R898.00	
400 kg Mixture 1.0.1.(48) @	R2 960.00	per ton =	R1 184.00	
Labour: Split in furrow and top dress	2 man-days @		R51.02 per day =	R 102.04
				<b>2 275.04</b>
<b>Seed Cane</b>				
10 tons per Ha @	R236.10			<b>2 361.04</b>
<b>Weed control</b>				
Materials :				
Pre-emergent :	2 litres Acetachlor @		R32.99 per litre =	R65.99
	2.5 litres Diron @		R45.68 per litre =	R114.21
	1 litre Paraquat @		R25.38 per litre =	R25.38
Post-emergent :	4 litres Ametryn @		R24.53 per litre =	R98.14
	3.5 litres MCPA @		R21.15 per litre =	R74.03
	0.5 litres Wet/agent @		R66.83 per litre =	R33.42
Spot spray: 5% of	4 litres Ametryn @		R24.53 per litre =	R4.91
5% of	3.5 litres MCPA @		R21.15 per litre =	R3.70
5% of	0.5 litres Wet/agent @		R66.83 per litre =	R1.67
				R421.43
Labour: pre and post-emerg. applic.	2 man-days/ha @		R51.02	R102.04
Hand-hoeing with:	9 Labour Units @		R51.02	R459.16
Spot sprayer - Labour				R51.02
				<b>1 033.65</b>
<b>Sundries &amp; Contingencies</b>				<b>804.51</b>
<b>TOTAL</b>				<b>R8 850</b>
<b>NB:</b>				
- These figures do not include VAT				
- A registered vendor should add VAT to these figures				
- Labour rates may appear high, but the rate used is a weighted average across other categories of labour to include the cost of support staff such as drivers and Indunas				
- Labour rates do not include Rations or housing expenses				
- Chemicals are applied manually as opposed to mechanically under minimum till scenario				

**CANE PLANTING COSTS - MECHANICAL LAND PREP**

G/6B/2007

**2007/2008 SEASON**

(These are general methods and rates only. Please adjust for individual circumstances.)

<b>Land Preparation: (Conventional Method) consisting of the following</b>				<b>COST/HA RANDS</b>
	<u>HOURS</u>		<u>COST/HR</u> <u>COST/HA</u>	
Ploughing	3.27		R157.88 R516.27	
Harrowing (twice)	2.56		R165.04 R422.50	
Ridging	2.06		R132.49 R272.93	
Contour Structures	2.00		R157.88 R315.76	
				<b>1 527.46</b>
<b>Hand Planting</b>				
25 Labour days per Ha (Plant and Cover)				
Cost of Labour				
			R51.02 per day	<b>1 275.45</b>
<b>Fertiliser</b>				
1 Soil Sample test (SASRI)	R91.00	/sample =	R91.00	
200 kg DAP (38) + 0.5% Zn	R4 490.00	per ton =	R898.00	
400 kg Mixture 1.0.1.(48) @	R2 960.00	per ton =	R1 184.00	
Labour: Split in furrow and top dress	2 man-days @		R51.02 per day = R 102.04	<b>2 275.04</b>
<b>Seed Cane</b>				
10 tons per Ha @	R236.10			<b>2 361.04</b>
<b>Weed control</b>				
Materials :				
Pre-emergent :	2 litres Acetachlor @		R32.99 per litre = R65.99	
	2.5 litres Diron @		R45.68 per litre = R114.21	
	1 litre Paraquat @		R25.38 per litre = R25.38	
Post-emergent :	4 litres Ametryn @		R24.53 per litre = R98.14	
	3.5 litres MCPA @		R21.15 per litre = R74.03	
	0.5 litres Wet/agent @		R66.83 per litre = R33.42	
Spot spray: % of	4 litres Ametryn @		R24.53 per litre = R4.91	
% of	3.5 litres MCPA @		R21.15 per litre = R3.70	
% of	0.5 litres Wet/agent @		R66.83 per litre = R1.67	
			R421.43	
Tractor & boom spray - pre & post	1.2 Hours @		R100.47 R120.56	
Hand-hoeing with	9 Labour Units @		R51.02 R459.16	
Spot sprayer - Labour			R51.02	
			R1 052.18	<b>1 052.18</b>
<b>Sundries &amp; Contingencies</b>				<b>849.12</b>
<b>TOTAL</b>				<b>R9 340</b>
<b>NB:</b>				
- These figures do not include VAT				
- A registered vendor should add VAT to these figures				
- Labour rates may appear high, but the rate used is a weighted average across other categories of labour to include the cost of support staff such as drivers and Indunas				
- Labour rates do not include Rations or housing expenses				
- Pre- and post-emergent herbicides are applied mechanically under this scenario				

**SCHEDULE OF AVERAGE COMPENSATION FOR EXPROPRIATED CANE**  
**CROPS**  
**2007/2008 SEASON**

<b>[1] MATURE CANE :</b>	<b>PER HECTARE</b>
Average Quality Cane	R17 706
Superior Crop	R23 608

**[2] IMMATURE CANE :**

Compensation for immature cane should be related to the age at the time of its expropriation. Such compensation should be at the same proportion as the age of the expropriated cane to the age at which cane is usually adjudged to be mature on the particular farm or in the area. This factor is then applied to the value of mature cane within the range outlined in (1) above

In other words, if on a particular farm cane normally reaches maturity at sixteen months, and the age of the cane to be expropriated is say six months, then compensation should be paid on the basis of six sixteenths of the value of mature cane, of either of the values outlined in (1) above.

<b>[3] CANE ROOTS :</b>	<b>PER HECTARE</b>
Plant cane	R9 340
First Ratoon	R7 472
Second Ratoon	R5 978
Third Ratoon	R4 782
Fourth Ratoon	R3 826
Fifth Ratoon	R3 061

These recommendations are based on average life expectancies for cane roots and may be subject to variation under individual circumstances.

**NOTE :**

- 1 Compensation for land is additional to the above values.
- 2 In cases where expropriation action prevents a farmer from replanting an area of cane land within the normal fallow period, a claim for the loss of cane growth should be made as in "2" above, for the period of the extended fallow as a percentage of the normal mature crop.
- 3 Compensation values of cane are based on a three year price trend.

**NB: These figures do not include VAT**  
**A registered vendor should add VAT to these figures**

**FIRE CANE SALVAGE RATES****2007/2008 SEASON**

Suggested rates where own workers and equipment used.

(Please note that salvage fire cane yields are lower than normal. These rates are therefore not valid for normal operations.)

*Fill in only those items which are applicable*

Name and address of person to whom assistance was rendered .....

**A. Transporting of labour & equipment to and from the scene of the fire.****Rands**

..... kilometres in van or car	@	R2.23 per km	
..... kilometres by tractor/trailer	@	R6.17 per km	
..... kilometres by lorry, 8 Ton	@	R4.35 per km	
..... kilometres by lorry, 14 Ton	@	R6.76 per km	

**B. Cutting of burnt cane inclusive of supervisory and support staff.**

..... tons cut and stacked on the ground	@	R22.64 per m. ton	
..... tons cut and loaded onto a vehicle	@	R22.64 per m. ton	
..... tons cut only	@	R16.17 per m. ton	
..... tons of cut cane stacked on ground	@	R8.80 per m. ton	
..... tons of cut cane loaded onto a vehicle	@	R6.47 per m. ton	

**C. Infield cane haulage by tractor and trailer inclusive of drivers and assistants.**

..... tons up to 1km	@	R7.42 per m. ton hauled	
..... tons up to 2km	@	R9.54 per m. ton hauled	
..... tons up to 3km	@	R11.66 per m. ton hauled	
..... tons up to 4km	@	R13.78 per m. ton hauled	
..... tons up to 5km	@	R15.90 per m. ton hauled	
For each additional km a charge of	R2.12	per m. ton is suggested	
..... tons hauled.....		km @ R per m. ton hauled	

**D. Loading and transhipment of burnt cane, inclusive of operators.**

..... tons loaded by infield grab (bell loader)	@	R7.43 per m. ton	
..... tons transhipped by crane	@	R5.18 per m. ton	
..... stockpile and load	@	R7.05 per m. ton	
..... tons transhipped by hand	@	R9.85 per m. ton	

**E. Other labour used for such activities as filling drains, point duty, etc.**

..... labourers	@	R44.74 per day	
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**F. Other charges helpers wish to make**

SIGNATURE : \_\_\_\_\_

DATE : \_\_\_\_\_

**TOTAL**

**NB:** These figures do not include VAT  
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 Contact SASRI for mechanical harvesting cost information

**FIRE CANE SALVAGE RATES****2007/2008 SEASON**

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**A. Transporting of labour & equipment to and from the scene of the fire.****Rands**

..... kilometres in van or car	@	R2.23	per km	
..... kilometres by tractor/trailer	@	R6.17	per km	
..... kilometres by lorry, 6 Ton	@	R4.35	per km	
..... kilometres by lorry, 14 Ton	@	R6.76	per km	

**B. Labour used on cutting and stacking operation**

..... cutter-stackers	@	R50.68	per day for	_____	days
..... cutters	@	R50.68	per day for	_____	days
..... stackers	@	R41.37	per day for	_____	days
..... loaders	@	R41.37	per day for	_____	days
..... Indunas	@	R118.49	per day for	_____	days

**C. Cane haulage equipment used as a result of fire.****N.B. These tractor rates include the costs of the operator and assistants.**

Rates are based on 1 000hrs operating time per year

..... operating hours tractor/trailer up to 6 ton	@	R139.43	per hour	
..... operation hours 2 w.d tractor (75Kw)	@	R133.34	per hour	
..... operation hours 2 w.d tractor (60Kw)	@	R113.44	per hour	
..... operation hours 2 w.d tractor (55Kw)	@	R101.01	per hour	

**Agricultural tractors:**

..... operating hours, front wheel assisted, 75 kW	@	R132.76	per hour	
..... operating hours, front wheel assisted, 60 kW	@	R110.28	per hour	
..... operating hours, front wheel assisted, 55 kW	@	R100.49	per hour	
..... operating hours, trailer only of up to 5 tons	@	R38.42	per hour	
..... operating hours, bell loader 125 (4)	@	R148.67	per hour	
..... kilometres by lorry - 8 ton	@	R1.09	per ton km.	
..... kilometres by lorry -14 ton	@	R0.97	per ton km.	

**D. Loading and transhipment of burnt cane, inclusive of operators.**

..... tons loaded by infield grab (bell loader)	@	R7.43	per m. ton	
..... tons transhipped by crane	@	R5.18	per m. ton	
..... stockpile and load	@	R7.05	per m. ton	
..... tons transhipped by hand	@	R9.85	per m. ton	

**E. Other labour used for such activities as filling drains, point duty, etc.**

..... labourers	@	R44.74	per day	
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**F. Other charges helpers wish to make**

SIGNATURE : \_\_\_\_\_

DATE : \_\_\_\_\_

TOTAL

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A registered vendor should add VAT to these figures  
Contact SASRI for mechanical harvesting cost information