



CANE PLANTING COSTS - MINIMUM TILLAGE

2020/2021 SEASON

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

				<u>COST/HA</u> <u>RANDS</u>
Seedbed Preparation				
1 Full cover spray with Glyphosate				
2 Minimum tillage with disc ridger in interrow.				
		<u>HOURS</u>	<u>COST/HR</u>	<u>COST/HA</u>
Glyphosate				
8 Litres per Ha @	R54.58	per litre		R436.67
Velocity dry				
1.5 kg per Ha@	R17.11	per kg		R25.66
Spraying - one man-day				R168.12
Min-tiller: rotary and ridge		2.0	R592.29	R1184.58
Contour Structures		2.0	R337.53	R675.06
				2490
Hand Planting				
25 Labour days per Ha (Plant and Cover)				
Cost of Labour				
				R168.12 per day
				4203
Fertiliser				
1 Soil Sample test (SASRI)	R232.17	/sample =	R232.17	
200 kg DAP (38) + 0.5% Zn	R6903.75	per ton =	R1380.75	
400 kg Mixture 1.0.1.(48) @	R6024.38	per ton =	R2409.75	
Labour: Split in furrow and top dress	2 man-days @	R168.12	per day =	R 336.24
				4359
Seed Cane				
10 tons per Ha @				
				R749.64 /ton
				7496
Weed control				
Materials :				
Pre-emergent :				R655.55
Post-emergent :				R475.26
Spot spray:				R679.89
				R1810.70
Labour: pre-, post-emerg. & spot applic.	3 man-days/ha	@ R168.12		R504.36
Hand-hoeing with:	9 Labour Units	@ R168.12		R1513.08
				R3828.14
				3828
Sundries & Contingencies				3356
TOTAL				R25733
NB:				
- These figures do <u>not</u> 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 <u>not</u> include rations and other labour costs (protective clothing etc)				
- Pre- and post-emergent herbicides are applied mechanically under this scenario				



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CANE PLANTING COSTS - MECHANICAL LAND PREP

2020/2021 SEASON

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

<u>Land Preparation: (Conventional Method) consisting of the following</u>				COST/HA RANDS
	<u>HOURS</u>	<u>COST/HR</u>	<u>COST/HA</u>	
Ploughing	3.5	R337.53	R1181.36	
Harrowing (twice)	2.6	R344.83	R896.56	
Ridging	2.0	R292.50	R585.00	
Contour Structures	2.0	R337.53	R675.06	
				3338
<u>Hand & Mechanical planting</u>				
25 Labour days per Ha (Plant and Cover)				
Cost of Labour		R168.12	per day	4203
<u>Fertiliser</u>				
1 Soil Sample test (SASRI)	R232.17	/sample =	R232.17	
200 kg DAP (38) + 0.5% Zn	R6903.75	per ton =	R1380.75	
400 kg Mixture 1.0.1.(48) @	R6024.38	per ton =	R2409.75	
Labour: Split in furrow and top dress	2 man-days @	R168.12	per day = R 336.24	4359
<u>Seed Cane</u>				
10 tons per Ha @	R749.64	/ton		7496
<u>Weed control</u>				
Materials :				
Pre-emergent :			R655.55	
Post-emergent :			R475.26	
Spot spray mix:			R679.89	
	1 kg	Velpar	@ R586.05	
Tractor & boom spray - pre & post	1 Hours	@	R204.22	R204.22
Hand-hoeing with	9 Labour Units	@	R168.12	R1513.08
Spot sprayer - Labour	1 Labour Unit	@	R168.12	R168.12
				3696
TOTAL				R26556
NB:				
- 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 and other labour costs (protective clothing etc)				
- Pre- and post-emergent herbicides are applied mechanically under this scenario				



SCHEDULE OF AVERAGE COMPENSATION FOR EXPROPRIATED CANE CROPS 2020/2021 SEASON

[1] MATURE CANE :

PER HECTARE

Average Quality Cane @ 90tc/ha	R48191
Average Quality cane @ 120tc/ha	R64254

Note: Mature cane calculations should be done for individual farms. Use the following formula for a specific farm:
Mature Cane=Avg tons cane/ha x RV Price x RV% cane

[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

[3] CANE ROOTS :

PER HECTARE

Plant cane	R26556
First Ratoon	R21245
Second Ratoon	R16996
Third Ratoon	R13597
Fourth Ratoon	R10877
Fifth Ratoon	R8702

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

2020/2021 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

Fill in only those items which are applicable

Name and address of person to whom assistance was rendered _____

			Rands
A. Transporting of labour & equipment to and from the scene of the fire.			
..... kilometres in van or car	@	R3.84 per km	
..... kilometres by tractor/trailer	@	R15.81 per km	
..... kilometres by lorry, 8 Ton	@	R9.82 per km	
..... kilometres by lorry, 14 Ton	@	R13.67 per km	
B. Cutting of burnt cane inclusive of supervisory and support staff.			
..... tons cut and stacked on the ground	@	R71.67 per ton	
..... tons cut and loaded onto a vehicle	@	R71.67 per ton	
..... tons cut only	@	R51.19 per ton	
..... tons of cut cane stacked on ground	@	R35.77 per ton	
..... tons of cut cane loaded onto a vehicle	@	R20.48 per ton	
C. Infield cane haulage by tractor and trailer inclusive of drivers and assistants.			
..... tons up to 1km (0.5km average lead distance)	@	R16.90 per ton hauled	
..... tons up to 2km (1km average lead distance)	@	R21.73 per ton hauled	
..... tons up to 3km (1.5km average lead distance)	@	R26.55 per ton hauled	
..... tons up to 4km (2km average lead distance)	@	R31.38 per ton hauled	
..... tons up to 5km (2.5km average lead distance)	@	R36.21 per ton hauled	
For each additional km (0.5km average lead distance) a charge of	R4.83	per ton is suggested	
..... tons hauled.....		km @ R per ton hauled	
D. Loading and transhipment of burnt cane, inclusive of operators.			
..... tons loaded by infield grab (bell loader)	@	R16.02 per ton	
..... tons transhipped by crane	@	R14.11 per ton	
..... stockpile and load	@	R19.60 per ton	
..... tons transhipped by hand	@	R40.03 per ton	
E. Other labour used for such activities as filling drains, point duty, etc.			
..... labourers	@	R168.12 per day	
F. Other charges helpers wish to make			
SIGNATURE : _____		DATE : _____	
			TOTAL

NB: These figures do not include VAT, a registered vendor should add VAT to these figures
 Due to low yields, cutter productivity is assumed to be low at 2.5 tons/day (cut and stack)
 and cut only at 3.5 tons/day - this raises the cost per ton substantially
 Contact SASRI for mechanical harvesting cost information



FIRE CANE SALVAGE RATES

2020/2021 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

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	@ R3.84 per km	
..... kilometres by tractor/trailer	@ R15.81 per km	
..... kilometres by lorry, 8 Ton	@ R9.82 per km	
..... kilometres by lorry, 14 Ton	@ R13.67 per km	
B. Labour used on cutting and stacking operation		
..... cutter-stackers	@ R168.12 per day for _____ days	
..... cutters	@ R168.12 per day for _____ days	
..... stackers	@ R168.12 per day for _____ days	
..... loaders	@ R168.12 per day for _____ days	
..... Indunas	@ R221.13 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	@ R317.67 per hour	
..... operation hours 2 w.d tractor (75Kw)	@ R325.38 per hour	
..... operation hours 2 w.d tractor (60Kw)	@ R267.91 per hour	
..... operation hours 2 w.d tractor (55Kw)	@ R226.55 per hour	
Agricultural tractors:		
..... operating hours, front wheel assisted, 75 kW	@ R264.57 per hour	
..... operating hours, front wheel assisted, 60 kW	@ R238.56 per hour	
..... operating hours, front wheel assisted, 55 kW	@ R207.68 per hour	
..... operating hours, trailer only of up to 5 tons	@ R91.12 per hour	
..... operating hours, bell loader 125 (4)	@ R320.32 per hour	
..... kilometres by lorry - 8 ton	@ R2.46 per ton km.	
..... kilometres by lorry -14 ton	@ R1.95 per ton km.	
D. Loading and transhipment of burnt cane, inclusive of operators.		
..... tons loaded by infield grab (bell loader)	@ R16.02 per ton	
..... tons transhipped by crane	@ R14.11 per ton	
..... stockpile and load	@ R19.60 per ton	
..... tons transhipped by hand	@ R40.03 per ton	
E. Other labour used for such activities as filling drains, point duty, etc.		
..... labourers	@ R168.12 per day	
F. Other charges helpers wish to make		
SIGNATURE : _____	DATE : _____	
		TOTAL
NB: These figures do <u>not</u> include VAT, a registered vendor should add VAT to these figures Contact SASRI for mechanical harvesting cost information		