



सत्यमेव जयते

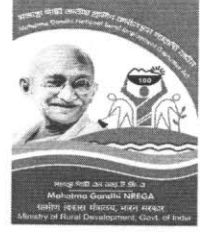
**GOVT. OF WEST BENGAL  
OFFICE OF THE D.P.C.(MGNREGS)**

**&**

**DISTRICT MAGISTRATE, JALPAIGURI  
(MGNREGS CELL AT ROOM NO- 05, 2<sup>nd</sup> FLOOR  
COLLECTORATE BUILDING, JALPAIGURI)**

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**Memo No. 851(13)/MGNREGS**

**Date: 10/07/2014**


**To:**

The PO&BDO-Sadar/kalchini/Dhupguri/Madarihat/Nagrakata./APD-I/APD-II/Maynaguri/Mal / Falakata / Matiali/Kumargram/Rajganj

Sub: Model Estimate of TC Banana.

The model Estimate of Tissue Culture Banana in 1Bigha is hereby forwarded to your end. You are requested to circulate the same to all GPs under your jurisdiction and send supplementary AAP incorporating Tissue Culture banana in all GPs

This is for your kind information and taking necessary action

  
27/7/14  
**District Nodal Officer  
MGNREGA Cell  
Jalpaiguri**

## Demonstration of Tissue Culture Banana

Area: 1 Bigha (1333 m<sup>2</sup>)

Crop: TC Banana

Variety: Grand Naine

Spacing: 3 ft x 3 ft

No. of Plants: 400/Bigha

Sl. No.	Particular	Quantity	Rate	Labour Component	Materiel Component
Plantation					
1	Survey, Demarcation, Cleaning the area,	2 Nos. u/s	Rs. 169/MD	Rs. 338.00	
2	Land leveling and preparation	3 Nos. u/s	Rs. 169/MD	Rs. 507.00	
Total no of pit: 400 nos.					
5	Pit digging (1.5'x1.5'x1.5') (Spacing 1.5m x 1.5m)	22 nos. u/s	Rs. 169/MD	Rs. 3718.00	
6	Mixing soil with fertilizers and manure	15 nos. u/s	Rs. 169/MD	Rs. 2535.00	
7	Filling up of pits	15 nos. u/s	Rs. 169/MD	Rs. 2535.00	
8	Plantation@50pit/MD	8 nos. u/s	Rs. 169/MD	Rs. 1352.00	
9	Organic manure (Cow-dung@ 7.00Kg/Pit) Fertilizers (Urea-550g, SSP-500g, MOP-700g)		Rs. 15.00/ plant Rs. 12.00/Plant		Rs. 6000.00 Rs. 4800.00
10	Planting Materials including 10% mortality	440 Nos.	Rs. 15.00/Plant		Rs. 6600.00
11	Plant protection materials with application	10 Nos. u/s	Rs. 169/MD Rs. 5.00/ pl.	Rs. 1690.00	Rs. 2000.00
12	Irrigation	20 Nos. u/s	Rs. 169/MD	Rs. 3380.00	
14	Weeding & other inter-culture operation	20 Nos. u/s	Rs. 169/MD	Rs. 3380.00	
15	Supervisor	05 Nos s/s	Rs. 253.50/ MD	Rs. 1267.50	
	Total			Rs. 20702.50	Rs. 19400.00
	Grand Total			Rs. 40102.50=	Rs. 40103.00

### Production of 2<sup>nd</sup> and 3<sup>rd</sup> Crop

Component	Cost (Rs.)
Manures and Fertilizers	6000.00
Plant Protection Chemicals	2000.00
Irrigation	4000.00
Labour	8000.00
Miscellaneous	1000.00
Total	21000.00

Total Cost for successive three crops: Rs. 40103.00 + Rs. 21000.00 x 2= Rs. 82103.00

### Income in 2 years

Crop	Number of Bunch	Rate	Total Income
1 <sup>st</sup> Crop	400	150.00	60000.00
2 <sup>nd</sup> Crop	400	160.00	64000.00
3 <sup>rd</sup> Crop	400	170.00	68000.00
Total Income			192000.00

The tissue culturally propagated banana plants will be productive for 3 successive crops.

Profit & Loss Calculation for 03 successive crops:

Net Profit: Return-(Operational Cost +Project Cost) =Rs. 109897.00

*Verified*  
*Chakraborty*  
*07/07/14*