

Convergence Scheme on Cultivation of Guava

Area: 1 Bigha (1333 m²)

Crop: Guava; Variety: Baruipur/ L-49/Allahabad Safeda

Spacing: 6m x65 m; No. of Plants: 37+4 (considering 10% mortality)

Sl. No.	Particular	Quantity	Rate	Labour Component	Material Component	Contribution from
Plantation						
1	Survey, Demarcation, Cleaning the area,	2 Nos. u/s	Rs. 174/MD	Rs. 348.00		MGNREGA
2	Land leveling and preparation	3 Nos. u/s	Rs. 174/MD	Rs. 522.00		MGNREGA
Total no of pit:83 nos.						
5	Pit digging (2'x2'x2') (Spacing 5m x 5m)	4 nos. u/s	Rs. 174/MD	Rs. 696.00		MGNREGA
6	Mixing soil with fertilizers and manure	2 nos. u/s	Rs. 174/MD	Rs. 348.00		MGNREGA
7	Filling up of pits	1 nos. u/s	Rs. 174/MD	Rs. 174.00		MGNREGA
8	Plantation@30pit/MD	1 nos. u/s	Rs. 174/MD	Rs. 174.00		MGNREGA
9	Organic manure (Cow-dung@10Kg/Pit) Fertilizers (Urea-110 g, SSP-300 g, MOP-80g) Micronutrient (ZnSo ₄ -3 Kg, Borax-1.5 Kg)		Rs. 20.00/ plant Rs. 5.00/Plant LS		Rs. 740.00 Rs. 185.00 Rs. 200.00	MGNREGA NHM NHM
10	Plant materials (includes 10% mortality) Varieties: Baruipur, L-49, Allahabad Safeda	41 nos.	Rs. 20.00		Rs. 820.00	NHM
11	Plant protection materials with application	2 nos. u/s	Rs. 174/MD Rs. 8.00/ pl.	Rs. 348.00	Rs. 296.00	MGNREGA NHM
12	Watering on planted seedling	4 nos. u/s	Rs. 174/MD	Rs. 696.00		MGNREGA
14	Weeding & other inter-culture operation	20 nos. u/s	Rs. 174/MD	Rs. 3480.00		MGNREGA
15.	Supervisor	2 nos. s/s	Rs. 261.00/MD	Rs. 522.00		MGNREGA
	Total			Rs. 7308.00	Rs. 2241.00	
	Grand Total			Rs. 9549.00		

Operational Cost (as per present cost norms)/year

Sl. No.	Item	Approx Cost
1	Manure & Fertilizers	Rs. 2000.00
2	Labour	Rs. 2000.00
3	Plant Protection Chemicals & Equipment	Rs. 1000.00
4	Irrigation & Power	Rs. 1000.00
	Total	Rs. 6000.00

Cost Economics (as per present cost norms):

Year	Production /ton	Rate /ton (Appx.)	Return	Operational Cost /year
1 st	-	Rs.12000.00		-
2 nd	-			Rs. 6000.00
3 rd	0.15		Rs. 1800.00	Rs. 6000.00
4 th	0.35		Rs. 4200.00	Rs. 6000.00
5 th	0.75		Rs. 9000.00	Rs. 6000.00
6 th	1.50		Rs. 18000.00	Rs. 6000.00
7 th	1.95		Rs. 22200.00	Rs. 6000.00
8 th	2.30		Rs. 27600.00	Rs. 6000.00
9 th	2.70		Rs. 32400.00	Rs. 6000.00
10 th to 15 th	3.10x 6years = 18.6			Rs. 223200.00
	Total		Rs. 338400.00	Rs. 90000.00

Profit & Loss Calculation for initial 15 years (1 Bigha):

Net Profit: Return-(Operational Cost +Project Cost) =Rs 238851.00

Net Profit Per year = Rs. 15923.00

* The Orchard will provide the returns for some years after 15th Year

Scheme contribution:

Scheme	Labour component	Material component	Total	Remarks
NHM	Nil	1501.00	1501.00	
MGNREGA	6786.00	1262.00	8048.00	Material includes charge of supervisor
Total	6786.00	2763.00	9549.00	

MGNREGA Breakup

Labour component : 84.3%

Material component : 15.3 %

(Signature)
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