

**झारखण्ड सरकार**  
**ग्रामीण विकास विभाग।**

पत्रांक- 16-021/यो0अनु0मू0/2018/ग्रा0 वि0(N)1152(अनु3) राँची, दिनांक 21.09.2020

प्रेषक

बैजनाथ राम,  
विशेष कार्य पदाधिकारी।

सेवा में,

सभी उप विकास आयुक्त-सह-जिला कार्यक्रम समन्वयक,  
झारखण्ड।

**विषय :-** मनरेगा से "दीदी बाड़ी योजना" अन्तर्गत Nutrition Garden कार्य से संबंधित मानक प्राक्कलन प्रेषित करने के संबंध में।

महाशय,

निदेशानुसार उपर्युक्त विषय के संबंध में कहना है कि वित्तीय वर्ष 2020-21 में मनरेगा से "दीदी बाड़ी योजना" अन्तर्गत Nutrition Garden कार्य से संबंधित मानक प्राक्कलन की तकनीकी स्वीकृति के साथ संलग्न कर आवश्यक कार्रवाई हेतु प्रेषित की जा रही है।


प्राक्कलन विभागीय वेबसाईट .www.jharkhand.gov.in पर अपलोड कर दिया गया है जिसे आवश्यकतानुसार डाउनलोड कर स्थल के अनुरूप प्राक्कलन तैयार करते हुए अग्रेतर कार्रवाई की जा सकती है।

**Model प्राक्कलन की सूची राशि सहित निम्न है :-**

Sl. No.	Description of Work	Estimated Amount
I.	Nutrition Garden (Plot Size = 1.26 Decimal)	₹ 10,345 = 00
II.	Nutrition Garden (Plot Size = 2.06 Decimal)	₹ 14,200 = 00
III.	Nutrition Garden (Plot Size = 3.10 Decimal)	₹ 18,214 = 00
IV.	Nutrition Garden (Plot Size = 5.17 Decimal)	₹ 24,501 = 00


अनुलग्नक - यथोक्त।

विश्वासभाजन

  
21/9/2020

विशेष कार्य पदाधिकारी।  
राँची, दिनांक 21.09.2020

ज्ञापांक- 16-021/यो0अनु0मू0/2018/ग्रा0 वि0(N)1152  
प्रतिलिपि :- सभी उपायुक्त, झारखण्ड को सूचनार्थ प्रेषित।

  
21/9/2020

विशेष कार्य पदाधिकारी।



# The Mahatma Gandhi National Rural Employment Guarantee Act 2005

Ministry of Rural Development  
Government of India



## MODEL ESTIMATE FOR NUTRITION GARDEN UNDER MGNREGA, JHARKHNAD

NAME OF THE SCHEME	MODEL ESTIMATE FOR NUTRITION GARDEN (PLOT SIZE = 1.26 DECIMAL)
SCHEME/WORK CODE	
FINANCIAL YEAR OF STARTING OF EXECUTION	
NAME OF THE DISTRICT	
NAME OF THE BLOCK	
NAME OF THE GP	
LOCATION	
PLOT NO.	

SL. No.	QUANTITY	UNIT	DESCRIPTION
1.)	1.3	Decimal	HORTICULTURE PLANTATION

### ABSTRACT COST

		Nos.	Unit	Rate (Rs./md)	Amount (Rs.)
(A)	Unskilled	38.02	md	194.00	7376.17
(B)	Semi Skilled	2	md	287.90	575.80
(C)	Skilled	0	md		0.00
(D)	Material+Contingencies				2393.45
<b>Total Amount (A+B+C+D):</b>					<b>10345.42</b>

Say: 10345.00

Signed by:-

*Q.S. Approved*

*[Signature]*  
 Chairperson  
 Deptt. of Horticulture  
 B.A. U; Kanke, Ranchi

*[Signature]*

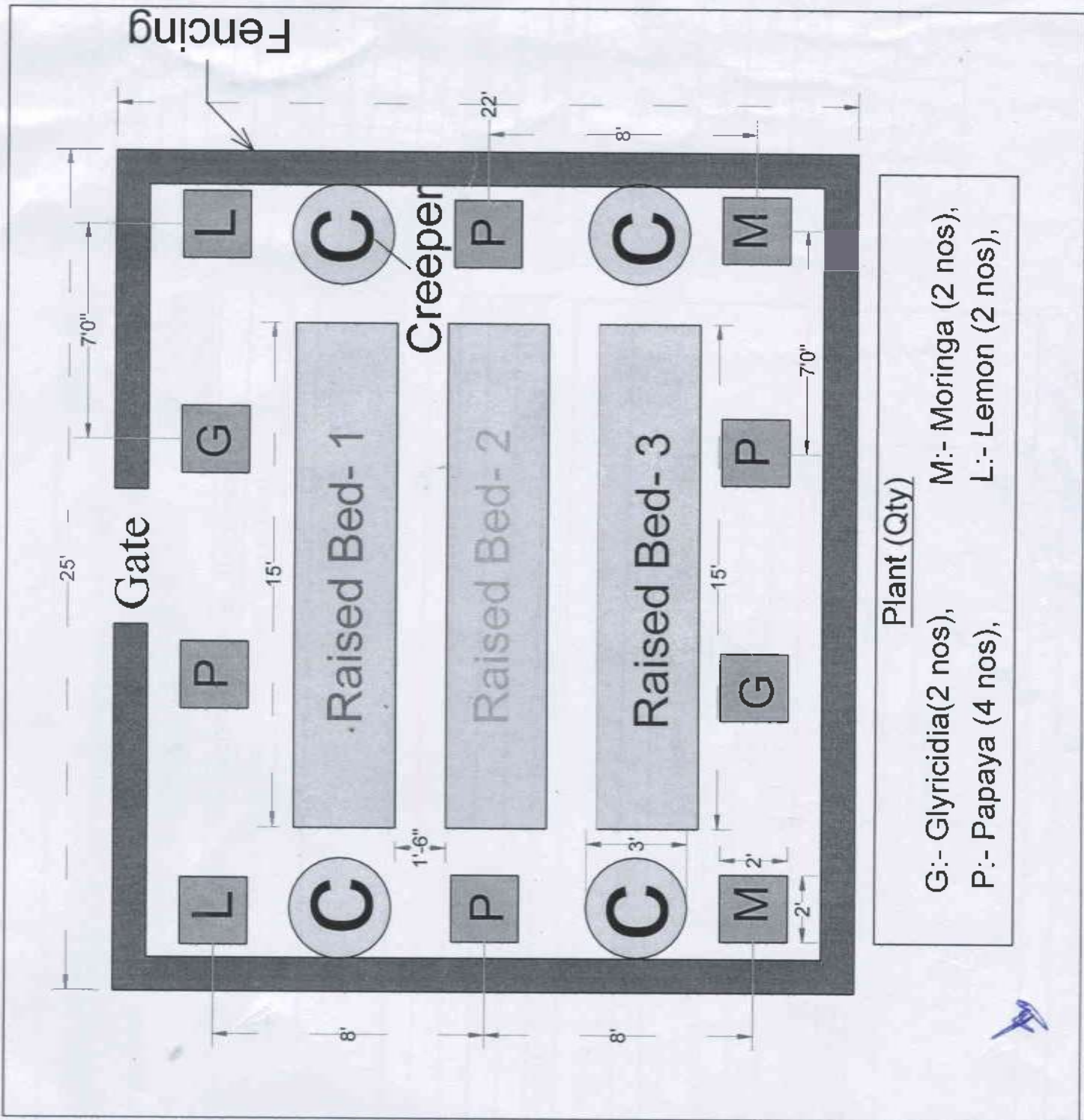
## Nutrition Garden

MODEL ESTIMATE FOR NUTRITION GARDEN (PLOT SIZE = 1.26 DECIMAL) UNDER MGNREGA, JHARKHAND											
NAME OF THE DISTRICT											
NAME OF THE BLOCK											
NAME OF THE GP											
NAME OF THE REVENUE VILLAGE											
NAME OF THE HAMLET/TOLA											
PLOT NO											
NAME OF THE OWNER / LEASE HOLDER											
AREA OF THE PLOT		1.26	Decimal	LENGTH		25	ft	BREADTH		22	ft
NUMBER OF PLANTS WITHIN THE PLOT AREA		10	Nos	AREA IN SQFT.							
NUMBER OF DRUMSTICK (Moringa) PLANTS IN THE PLOT		2	Nos	PERIMETER OF BOUNDARY IN FEET		94					
NUMBER OF LEMON PLANTS IN THE PLOT		2	Nos	NUMBER OF PAPAYA PLANTS		4					
NUMBER OF GLIRICIDIA PLANTS IN THE PLOT		2	Nos	NUMBER OF CREEPERS		4					
C/C PLANT DISTANCE		7'x7' or 8'x8'									
DETAILED ESTIMATE OF NUTRITION GARDEN											
SL. No.	Item	Quantity	Unit	Rate (Rs./ Unit)	Budget (in Rs.)	Labour Cost (in Rs.)		Material Cost (in Rs.)			
						Unskilled	Skilled	Material	Semi-skilled		
1	Earthwork in excavation of soil which includes two activities i.e. <i>Three raised beds for Nutrition garden (size of the bed would be 15'0" x 3' and 08" raised), and Two drainage channel with size of channel will be 15'0" X 1'6" X 1'0"</i>	1.67	md	194.00	323.33	323.33		0.00	0.00	0.00	
2	Pit digging for 10 fruit and other plants ( pit size for the plantation would be 2'X2'X2')	1.48	md	194.00	287.41	287.41		0.00	0.00	0.00	
3	Preparation of circular pits for sowing of creepers ( pit would be 3 ft dia and 1 ft depth). 4 number of pits will be constructed.	0.52	md	194.00	101.53	101.53		0.00	0.00	0.00	
4	Filling of pits (carrying of compost, mixing with soil) @ 10 pit/ MD L.S	1.00	md	194.00	194.00	194.00		0.00	0.00	0.00	
5	Cost of Drumstick (Moringa) Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. आ. १० 1/19-20/RFS (T), dated on 09.05.19</i>	2.00	nos	20.00	40.00	0.00		40.00	0.00	0.00	
6	Cost of Lemon plants @ Rs. 45 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. आ. १० 1/19-20/RFS (T), dated on 09.05.19</i>	2.00	nos	45.00	90.00	0.00		90.00	0.00	0.00	

7	Cost of Gliricidia plants @ Rs. 20 per plant including transportation. Rate taken from ICAR-RCER, Ranchi vide letter no. Pa. No 1/19-20/RFS (T), dated on 09.05.19	2.00	nos	20.00	40.00	0.00	40.00	0.00	0.00	0.00
8	Labour Cost for fencing with bamboo post & splitted bamboo with Sindwar or locally available materials (@ 20 rft/1 Uskd); Rate taken from old estimate vide letter no. (N)/287, dated on 27.06.16	4.7	md	194	911.80	0.00	911.80	0.00	0.00	0.00
9	Material cost for fencing with bamboo post & splitted bamboo with Sindwar or locally available materials (@ Rs.8.00/1 rft); Rate taken from old estimate vide letter no. (N)/287, dated on 27.06.16	94	ft	8.00	752.00	0.00	752.00	0.00	0.00	0.00
10	Material cost for fencing with Nylon Net/ Mesh (height of the mesh would be 4') with mesh opening of 100 to 125 mm square size [weight of one buldle Nylon mesh (approx 50ft) would be 1 kg]. * Rate to taken as Market Rate Dimension of Fencing :- Length= 94 ft, Height= 4 ft, Qty in kg= (94/50)= 1.88 kg, Say= 2 KG	2	Kg.	240.00	480.00	0.00	480.00	0.00	0.00	0.00
11	Labour cost for watering (@ 3-5 ltr./sapling) including carrying/supplying from November to March (@ 80 saplings/1 Uskd, weekly for five months)	2.5	md	194.00	485.00	0.00	485.00	0.00	0.00	0.00
12	Labour cost for interculture for 3 times (@ 25 saplings/1 Uskd); 1st after 15 days, 2nd after 45 days, 3rd after 65 days of transplantation of the seedlings with application of NPK (10:26:26) & Urea (46% N)	1.2	md	194.00	232.80	0.00	232.80	0.00	0.00	0.00
13	Material cost of NPK (10:26:26) @ 100 gm per pit.	3	Kg.	25.14	75.42	0.00	75.42	0.00	0.00	0.00
14	Material cost of Urea (46% N) @ 50 gm per pit.	1.5	Kg.	7.76	11.64	0.00	11.64	0.00	0.00	0.00
Maintenance for the 2nd year										
15	Labour cost for 3 times interculture (1st in July, 2nd in September/October and 3rd in Jan/Feb) @ 25 saplings/1 Uskd with Urea (46% N), SSP (16% P2O5) & MOP (60% K2O)	1.2	md	194	232.8	0.00	232.80	0.00	0.00	0.00
16	Material cost of Urea (46% N) @ 50 gm per pit.	1.5	Kg.	7.76	11.64	0.00	11.64	0.00	0.00	0.00
17	Material cost of SSP (16% P2O5) @ 50 gm per pit.	1.5	Kg.	9.90	14.85	0.00	14.85	0.00	0.00	0.00
18	Material cost of MOP (60% K2O) @ 50 gm per pit.	1.5	Kg.	18.60	27.90	0.00	27.90	0.00	0.00	0.00
19	Labour cost for watering (@ 3-5 ltr./sapling) including carrying/supplying from April to 15th June and again from November to March (wkly) (@ 80 saplings/1 Uskd, seven and half months in total)	3.75	md	194	727.5	0.00	727.50	0.00	0.00	0.00
Unskilled Mandays:										
20	Provision of Poshan Vatika Sakhi for protection of Tree Plants (@ 200 MD per year for protection of 200 Plants)	18	md							
21	Total Unskilled Mandays:	20	md	194.00	3880.00	0.00	3880.00	0.00	0.00	0.00
	Mate honorarium (@ 1 Sskd/20 Uskd):	38	md							
	Sub-Total (Rs.):	2	md	287.90	575.80	0.00	575.80	0.00	575.80	0.00
A					9495.42	7376.17	1543.45	575.80	575.80	0.00







Plant (Qty)	
G:- Glyricidia(2 nos),	M:- Moringa (2 nos),
P:- Papaya (4 nos),	L:- Lemon (2 nos),





# The Mahatma Gandhi National Rural Employment Guarantee Act 2005

Ministry of Rural Development  
Government of India



## MODEL ESTIMATE FOR NUTRITION GARDEN UNDER MGNREGA, JHARKHNAD

<b>NAME OF THE SCHEME</b>	MODEL ESTIMATE FOR NUTRITION GARDEN (PLOT SIZE = 2.06 DECIMAL)
<b>SCHEME/WORK CODE</b>	
<b>FINANCIAL YEAR OF STARTING OF EXECUTION</b>	
<b>NAME OF THE DISTRICT</b>	
<b>NAME OF THE BLOCK</b>	
<b>NAME OF THE GP</b>	
<b>LOCATION</b>	
<b>PLOT NO.</b>	

SL. No.	QUANTITY	UNIT	DESCRIPTION
1.)	2.1	Decimal	HORTICULTURE PLANTATION

### ABSTRACT COST

	Nos.	Unit	Rate (Rs./md)	Amount (Rs.)
(A) Unskilled	49.32	md	194.00	9568.30
(B) Semi Skilled	2	md	287.90	575.80
(C) Skilled	0	md		0.00
(D) Material+Contingencies				4055.60
<b>Total Amount (A+B+C+D):</b>				<b>14199.69</b>

Say: 14200.00

Signed by:-

*P.S. Apparna*  
*9/9/2020*  
 Dept. of Horticulture  
 B. A. U; Kaula, Ranchi

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**Nutrition Garden**

MODEL ESTIMATE FOR NUTRITION GARDEN (PLOT SIZE = 2.06 DECIMAL) UNDER MGNREGA, JHARKHAND

NAME OF THE DISTRICT													
NAME OF THE BLOCK													
NAME OF THE GP													
NAME OF THE REVENUE VILLAGE													
NAME OF THE HAMLET/TOLA													
PLOT NO													
NAME OF THE OWNER / LEASE HOLDER													
AREA OF THE PLOT		2.06	Decimal	LENGTH		32	ft		BREADTH	28	ft		
NUMBER OF PLANTS WITHIN THE PLOT AREA		11	Nos	AREA IN SQFT.								896	Sft
NUMBER OF DRUMSTICK (Moringa) PLANTS IN THE PLOT		2	Nos	PERIMETER OF BOUNDARY IN FEET								120	ft
NUMBER OF LEMON PLANTS IN THE PLOT		2	Nos	NUMBER OF PAPAYA PLANTS								4	Nos.
NUMBER OF GLIRICIDIA PLANTS IN THE PLOT		3	Nos	NUMBER OF CREEPERS								2	Nos.
C/C PLANT DISTANCE FOR MARINGA & LEMON		7'0" X 7'0"										6'0" X 6'0"	

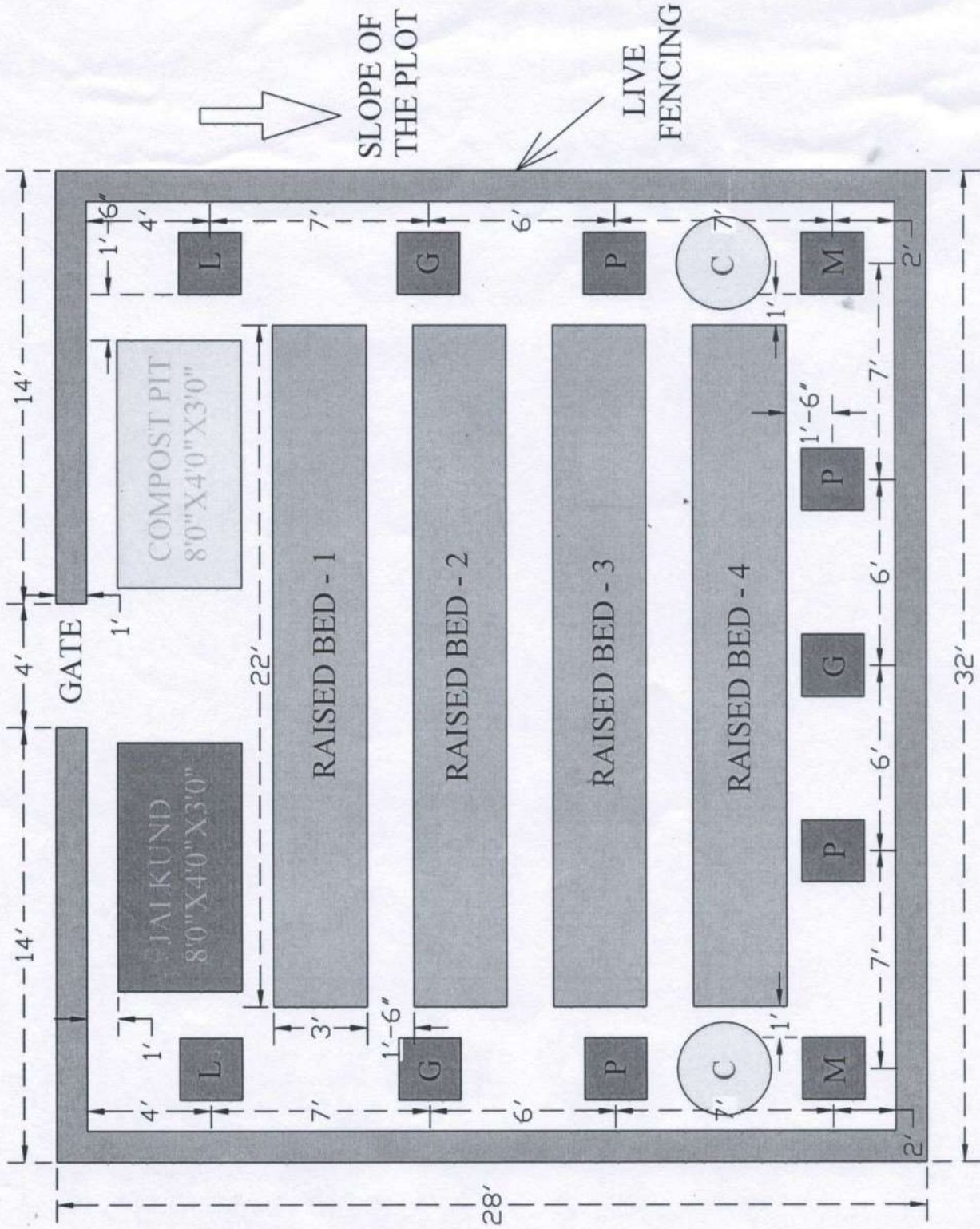
**DETAILED ESTIMATE OF NUTRITION GARDEN**

SL. No.	Item	Quantity	Unit	Rate (Rs./ Unit)	Budget (in Rs.)	Labour Cost (in Rs.)		Material Cost (in Rs.)			
						Unskilled	Skilled	Material	Semi-skilled		
1	Earthwork in excavation of soil which includes two activities i.e. <i>Four raised beds for Nutrition garden (size of the bed would be 22'0"x3' and 0'8" raised), and Three drainage channel with size of channel will be 22'0" X 1'6" X 1'0"</i>	3.26	md	194.00	632.30	632.30		0.00	0.00	0.00	0.00
2	Pit digging for 11 fruit and other plants ( pit size for the plantation would be 2'X2'X2').	1.63	md	194.00	316.15	316.15		0.00	0.00	0.00	0.00
3	Preparation of circular pits for sowing of creepers ( pit would be 3 ft dia and 1 ft depth), 2 number of pits will be constructed	0.26	* md	194.00	50.76	50.76		0.00	0.00	0.00	0.00
4	Excavation of One compost pit; dimension of the structure would be 8'X4'X3'.	1.78	md	194.00	344.89	344.89		0.00	0.00	0.00	0.00
5	Excavation of One water storage tank (Jalkund); dimension of the structure would be 8'X4'X3'.	1.78	md	194.00	344.89	344.89		0.00	0.00	0.00	0.00
6	Provision of mandays for filling of compost pit with FYM @ 1 MD LS	1.00	md	194.00	194.00	194.00		0.00	0.00	0.00	0.00
7	Cost of Polythene sheets for inside lining of water storage tank (Jalkund)@ 800 LS	1.00	nos	800.00	800.00	0.00		800.00	0.00	0.00	0.00
8	Filling of pits ( carrying of compost, mixing with soil) @ 10 pit/ MD LS	1.10	md	194.00	213.40	213.40		0.00	0.00	0.00	0.00
9	Cost of Moringa Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. प्रॉ.प्रॉ 1/19-20/RFS (T), dated on 09.05.19</i>	2.00	nos	20.00	40.00	0.00		40.00	0.00	0.00	0.00
10	Cost of Glyricidia Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. प्रॉ.प्रॉ 1/19-20/RFS (T), dated on 09.05.19</i>	3.00	nos	20.00	60.00	0.00		60.00	0.00	0.00	0.00





DRAWING FOR NUTRITION GARDEN OF 2 DECIMAL



SLOPE OF THE PLOT

LIVE FENCING

P = PAPAYA PLANT :- 4 Nos. G = GLYRICIDIA PLANT :- 3 Nos. M = MORINGA PLANT :- 2 Nos.  
 L = LEMON PLANT :- 2 Nos. C = CREEPERS :- 2 Nos.



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Ministry of Rural Development  
Government of India



## MODEL ESTIMATE FOR NUTRITION GARDEN UNDER MGNREGA, JHARKHNAD

<b>NAME OF THE SCHEME</b>	MODEL ESTIMATE FOR NUTRITION GARDEN UNDER MGNREGA(PLOT SIZE = 3 .10 DECIMAL)
<b>SCHEME/WORK CODE</b>	
<b>FINANCIAL YEAR OF STARTING OF EXECUTION</b>	
<b>NAME OF THE DISTRICT</b>	
<b>NAME OF THE BLOCK</b>	
<b>NAME OF THE GP</b>	
<b>LOCATION</b>	
<b>PLOT NO.</b>	

SL. No.	QUANTITY	UNIT	DESCRIPTION
1.)	3.1	Decimal	HORTICULTURE PLANTATION

### ABSTRACT COST

	Nos.	Unit	Rate (Rs./md)	Amount (Rs.)
(A) Unskilled	64	md	194.00	12472.30
(B) Semi Skilled	3	md	287.90	863.70
(C) Skilled	0	md		0.00
(D) Material+Contingencies				4878.03
<b>Total Amount (A+B+C+D.):</b>				<b>18214.03</b>

Say: **18214.00**

Signed by:-

*A.S. Sharma*  
*[Signature]*  
 Chairperson  
 Deptt. of Horticulture  
 B. A. U; Kanke, Ranchi

Nutrition Garden												
MODEL ESTIMATE FOR NUTRITION GARDEN UNDER MGNREGA(PLOT SIZE = 3.10 DECIMAL), JHARKHAND												
NAME OF THE DISTRICT												
NAME OF THE BLOCK												
NAME OF THE GP												
NAME OF THE REVENUE VILLAGE												
NAME OF THE HAMLET/TOLA												
PLOT NO												
NAME OF THE OWNER / LEASE HOLDER												
AREA OF THE PLOT												
NUMBER OF PLANTS WITHIN THE PLOT AREA												
NUMBER OF DRUMSTICK (Moringa) PLANTS IN THE PLOT												
NUMBER OF LEMON PLANTS IN THE PLOT												
NUMBER OF GLIRICIDIA PLANTS IN THE PLOT												
C/C PLANT DISTANCE FOR MORINGA & LEMON												
7'0" X 7'0" C/C DISTANCE FOR REST PLANT												
6'0" X 6'0"												
DETAILED ESTIMATE OF NUTRITION GARDEN												
SL. No.	Item	Quantity	Unit	Rate (Rs./ Unit)	Budget (in Rs.)	Labour Cost (in Rs.)			Material Cost (in Rs.)			
						Unskilled	Skilled		Material	Semi-skilled	Skilled	
1	Earthwork in excavation of soil which includes two activities i.e. <i>Eight raised beds for Nutrition garden (size of the bed would be 16'6"x3' and 0'8" raised), and Three drainage channel with size of channel will be 34'0" X 1'6" X 1'0"</i>	4.89	md	194.00	948.44	948.44			0.00	0.00	0.00	0.00
2	Pit digging for 14 fruit and other plants ( pit size for the plantation would be 2'X2'X2').	2.07	md	194.00	402.37	402.37			0.00	0.00	0.00	0.00
3	Preparation of circular pits for sowing of creepers ( pit would be 3 ft dia and 1 ft depth), 2 number of pits will be constructed.	0.26	md	194.00	50.76	50.76			0.00	0.00	0.00	0.00
4	Excavation of One compost pit; dimension of the structure would be 10'X5'X3'.	2.78	md	194.00	538.89	538.89			0.00	0.00	0.00	0.00
5	Excavation of One water storage tank (Jalkund); dimension of the structure would be 10'X5'X3'.	2.78	md	194.00	538.89	538.89			0.00	0.00	0.00	0.00
6	Provision of mandays for filling of compost pit with FYM @ 1.5 MD LS	1.50	md	194.00	291.00	291.00			0.00	0.00	0.00	0.00
7	Cost of Polythene sheets for inside lining of water storage tank (Jalkund)@ 1000 LS	1.00	nos	1000.00	1000.00	0.00			1000.00	0.00	0.00	0.00
8	Filling of pits (carrying of compost, mixing with soil) @ 10 pit/ MD LS	1.40	md	194.00	271.60	271.60			0.00	0.00	0.00	0.00
9	Cost of Moringa Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. प्रो.शो 1/19-20/RFS (T), dated on 09.05.19</i>	3.00	nos	20.00	60.00	0.00			60.00	0.00	0.00	0.00
10	Cost of Gliricidia Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. प्रो.शो 1/19-20/RFS (T), dated on 09.05.19</i>	3.00	nos	20.00	60.00	0.00			60.00	0.00	0.00	0.00

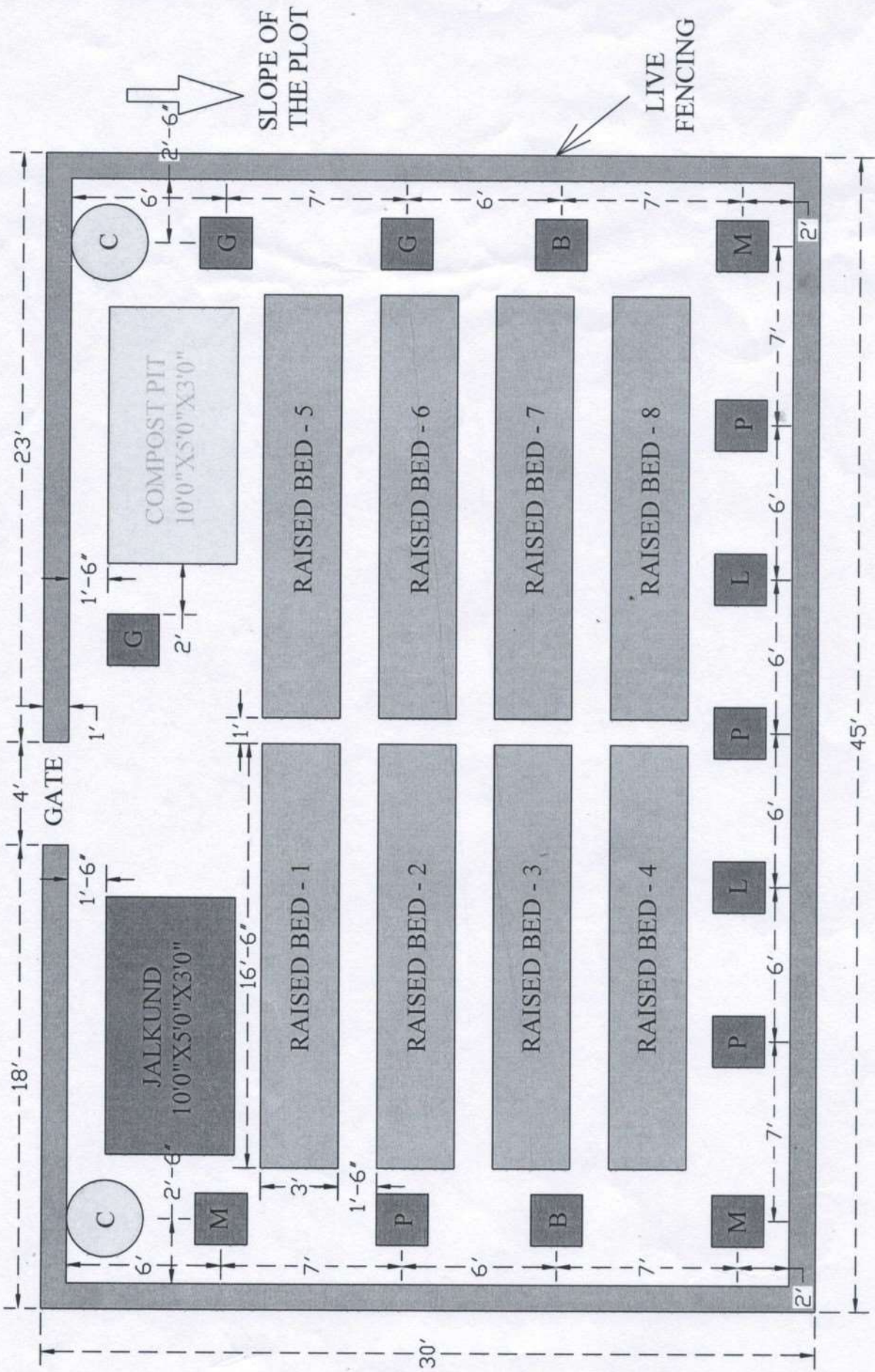
11	Cost of Lemon plants @ Rs. 45 per plant including transportation Rate taken from ICAR-RCER, Ranchi vide letter no. आ.श.१०/1/19-20/RFS (T), dated on 09.05.19	2.00	nos	45.00	90.00	0.00	90.00	0.00	0.00	
12	Labour Cost for fencing with bamboo post & splitted bamboo with Sindwar or locally available materials (@ 20 rft/1 Uskd); Rate taken from old estimate vide letter no. (N)1287, dated on 27.06.16	7.5	md	194	1455.00	1455.00	0.00	0.00	0.00	
13	Material cost for fencing with bamboo post & splitted bamboo with Sindwar or locally available materials (@ Rs.8.00/1 rft); Rate taken from old estimate vide letter no. (N)1287, dated on 27.06.16	150	ft	8.00	1200.00	0.00	1200.00	0.00	0.00	
14	Material cost for fencing with Nylon Net/ Mesh (height of the mesh would be 4') with mesh opening of 100 to 125 mm square size [weight of one buldle nylon mesh (approx 50ft) would be 1 kg]. * Rate to be taken as Market Rate	3	Kg.	240.00	720.00	0.00	720.00	0.00	0.00	
	Dimension of Fencing :- Length= 150 ft, Height= 4 ft, Qty in kg= (150/50)= 3, Say= 3 KG									
15	Labour cost for making jalkund cover for less evaporation of water by using locally available materials. LS	1	md	194.00	194.00	194.00	0.00	0.00	0.00	
16	Cost of material for making jalkund cover like bamboo, GI wire, leaves etc. LS	1	nos	500.00	500.00	0.00	500.00	0.00	0.00	
17	Labour cost for watering (@ 3-5 ltr./sapling) including carrying/supplying from November to March (@ 80 saplings/1 Uskd, weekly for five months)	3.5	md	194.00	679.00	679.00	0.00	0.00	0.00	
18	Labour cost for interculture for 3 times (@ 25 saplings/1 Uskd); 1st after 15 days, 2nd after 45 days, 3rd after 65 days of transplantation of the seedlings with NPK (10:26:26) & Urea (46% N)	1.68	md	194.00	325.92	325.92	0.00	0.00	0.00	
19	Material cost of NPK (10:26:26) @ 100 gm per pit.	4.2	Kg.	25.14	105.59	0.00	105.59	0.00	0.00	
20	Material cost of Urea (46% N) @ 50 gm per pit.	2.1	Kg.	7.76	16.30	0.00	16.30	0.00	0.00	
<b>Maintenance for the 2nd year</b>										
21	Labour cost for 3 times interculture (1st in July, 2nd in September/October and 3rd in Jan/Feb) @ 25 saplings/1 Uskd with Urea (46% N), SSP (16% P2O5) & MOP (60% K2O)	1.68	md	194	325.92	325.92	0.00	0.00	0.00	
22	Material cost of Urea (46% N) @ 50 gm per pit.	2.1	Kg.	7.76	16.30	0.00	16.30	0.00	0.00	
23	Material cost of SSP (16% P2O5) @ 50 gm per pit.	2.1	Kg.	9.90	20.79	0.00	20.79	0.00	0.00	
24	Material cost of MOP (60% K2O) @ 50 gm per pit.	2.1	Kg.	18.60	39.06	0.00	39.06	0.00	0.00	
25	Labour cost for watering (@ 3-5 ltr./sapling) including carrying/supplying from April to 15th June and again from November to March (wkly) @ 80 saplings/1 Uskd, seven and half months in total)	5.25	md	194	1018.5	1018.50	0.00	0.00	0.00	
<b>Unskilled Mandays:</b>										
26	Provision of Poshan Vatika Sakhi for protection of Tree Plants (@ 200 MD per year for protection of 200 Plants)	36	md							
				28	md	194.00	5432.00	5432.00	0.00	0.00
<b>Total Unskilled Mandays:</b>				64	md					

27	Mate honorarium (@1 Sskd/20 Uskd):	3	md	287.90	863.70	0.00	0.00	863.70	0
A	Sub-Total (Rs.):				17164.03	12472.30	3828.03	863.70	0.00
28	Contingencies:								
	Signboard (CIB)								
	Photography	1	No.	300.00	300	0.00	300.00	0.00	0.00
B	Sub-Total (Rs.):	3	No.	50.00	150	0.00	150.00	0.00	0.00
C	Total MGNREGA (A+B) (Rs.):				450.00	0.00	450.00	0.00	0.00
D	Provision for vegetable seeds , 4 Papaya and 2 Banana seedlings from JSLPS. @ 600 L.S.				17614.03	12472.30	4278.03	863.70	0.00
E	Grand Total (C+D)				600.00	0.00	600.00	0.00	0.00
	Labour and Material cost ratio (%):				18214.03	12472.30	4878.03	863.70	0.00
					68.48			31.52	

*(Signature)*  
 Deptt. of Horticulture  
 B. A. U.; Kanke, Ranchi



DRAWING FOR NUTRITION GARDEN OF 3 DECIMAL



P = PAPAYA PLANT :- 4 Nos. G = GLYRICIDIA PLANT :- 3 Nos. M = MORINGA PLANT :- 3 Nos.  
 B = BANANA PLANT :- 2 Nos. L = LEMON PLANT :- 2 Nos. C = CREEPERS :- 2 Nos.



# The Mahatma Gandhi National Rural Employment Guarantee Act 2005

Ministry of Rural Development  
Government of India



## MODEL ESTIMATE FOR NUTRITION GARDEN UNDER MGNREGA, JHARKHNAD

<b>NAME OF THE SCHEME</b>	MODEL ESTIMATE FOR NUTRITION GARDEN ( PLOT SIZE = 5.17 DECIMAL)
<b>SCHEME/WORK CODE</b>	
<b>FINANCIAL YEAR OF STARTING OF EXECUTION</b>	
<b>NAME OF THE DISTRICT</b>	
<b>NAME OF THE BLOCK</b>	
<b>NAME OF THE GP</b>	
<b>LOCATION</b>	
<b>PLOT NO.</b>	

SL. No.	QUANTITY	UNIT	DESCRIPTION
1.)	5.2	Decimal	HORTICULTURE PLANTATION

### ABSTRACT COST

		Nos.	Unit	Rate (Rs./md)	Amount (Rs.)
(A)	Unskilled	89.23	md	194.00	17310.37
(B)	Semi Skilled	4	md	287.90	1151.60
(C)	Skilled	0	md		0.00
(D)	Material+Contingencies				6038.76
<b>Total Amount (A+B+C+D):</b>					<b>24500.72</b>

Say: 24501.00

Signed by:-

*T.S. Approved*  
*4.6.2022*  
Chairman  
Deptt. of Horticulture  
B. A. U; Kanke, Ranchi

**Nutrition Garden**

MODEL ESTIMATE FOR NUTRITION GARDEN (PLOT SIZE = 5.17 DECIMAL) UNDER MGNREGA, JHARKHAND

NAME OF THE DISTRICT	
NAME OF THE BLOCK	
NAME OF THE GP	
NAME OF THE REVENUE VILLAGE	
NAME OF THE HAMLET/TOLA	
PLOT NO	
NAME OF THE OWNER / LEASE HOLDER	
AREA OF THE PLOT	5.17 Decimal
NUMBER OF PLANTS WITHIN THE PLOT AREA	19 Nos
NUMBER OF DRUMSTICK (Moringa) PLANTS IN THE PLOT	4 Nos
NUMBER OF LEMON PLANTS IN THE PLOT	4 Nos
NUMBER OF GLIRICIDIA PLANTS IN THE PLOT	4 Nos
C/C PLANT DISTANCE FOR MORINGA & LEMON	7'0" X 7'0"
	6'0" X 6'0"

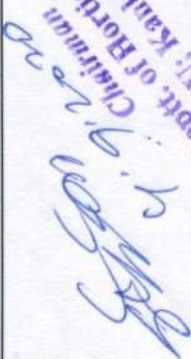
**DETAILED ESTIMATE OF NUTRITION GARDEN**

SL. No.	Item	Quantity	Unit	Rate (Rs./ Unit)	Budget (in Rs.)	Labour Cost (in Rs.)		Material Cost (in Rs.)	
						Unskilled	Skilled	Material	Semi-skilled
1	Earthwork in excavation of soil which includes two activities i.e. <i>Fourteen raised beds for Nutrition garden ( size of the bed would be 19'6"x3' and 0'8" raised), and Six drainage channel with size of channel will be 40'0" X 1'6" X 1'0"</i>	10.11	md	194.00	1961.56	1961.56	0.00	0.00	0.00
2	Pit digging for 19 fruit and other plants ( pit size for the plantation would be 2'X2'X2').	2.81	md	194.00	546.07	546.07	0.00	0.00	0.00
3	Preparation of circular pits for sowing of creepers ( pit would be 3 ft dia and 1 ft depth), 4 number of pits will be constructed .	0.52	md	194.00	101.53	101.53	0.00	0.00	0.00
4	Excavation of One compost pit; dimension of the structure would be 15'X5'X3'.	4.17	md	194.00	808.33	808.33	0.00	0.00	0.00
5	Excavation of One water storage tank (Jalkund); dimension of the structure would be 10'X5'X3'.	2.78	md	194.00	538.89	538.89	0.00	0.00	0.00
6	Provision of mandays for filling of compost pit with FYM @ 2 MD LS	2.00	md	194.00	388.00	388.00	0.00	0.00	0.00
7	Cost of Polythene sheets for inside lining of water storage tank (Jalkund)@ 1000 LS	1.00	nos	1000.00	1000.00	0.00	1000.00	0.00	0.00
8	Filling of pits (carrying of compost, mixing with soil) @ 10 pit/ MD LS	1.90	md	194.00	368.60	368.60	0.00	0.00	0.00
9	Cost of Moringa Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. आ.३०.३०/१९-२०/RFS (T), dated on 09.05.19</i>	4.00	nos	20.00	80.00	0.00	80.00	0.00	0.00
10	Cost of Gliricidia Seedlings @ Rs.20 per plant including transportation. <i>Rate taken from ICAR-RCER, Ranchi vide letter no. आ.३०.३०/१९-२०/RFS (T), dated on 09.05.19</i>	4.00	nos	20.00	80.00	0.00	80.00	0.00	0.00

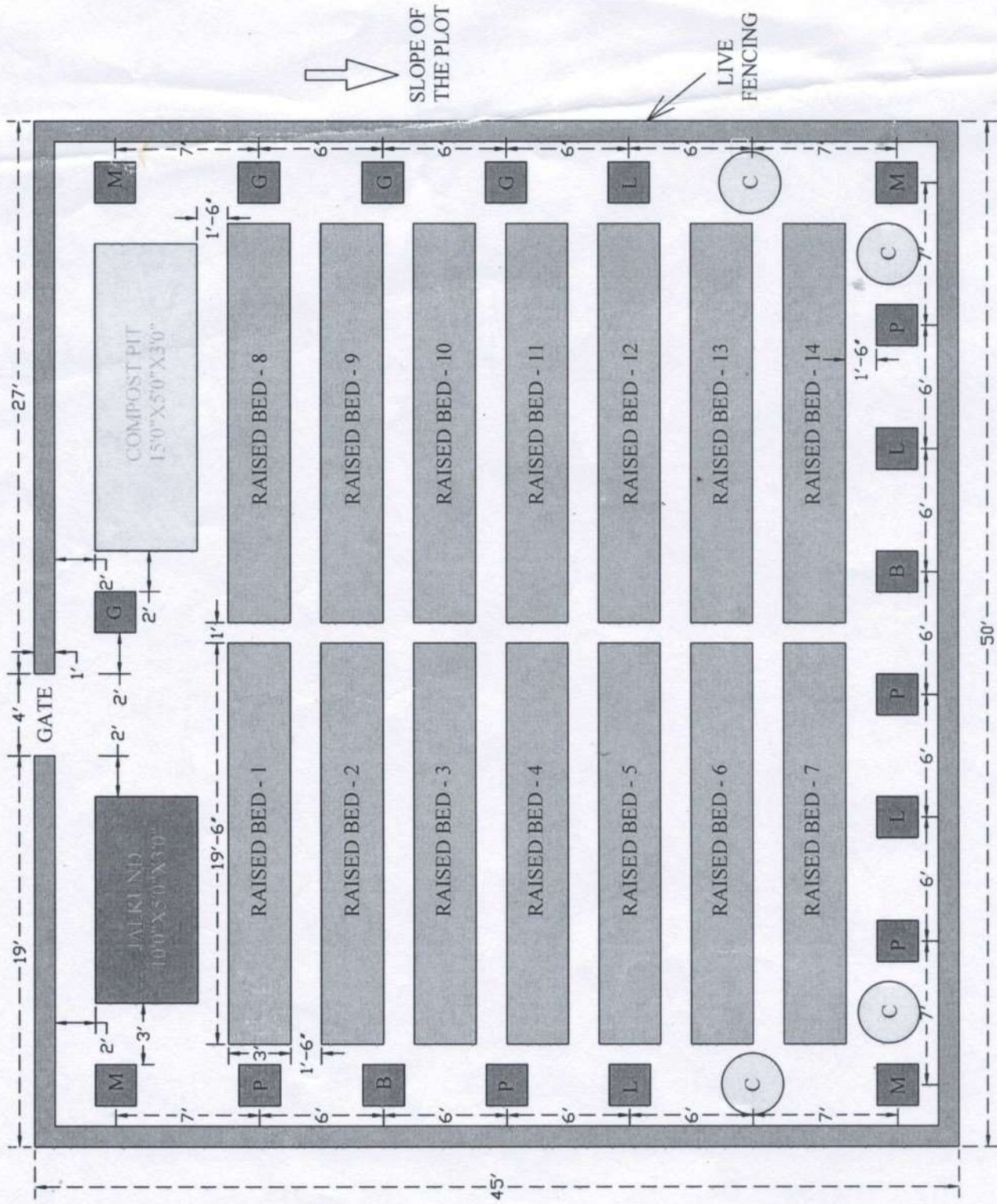
11	Cost of Lemon plants @ Rs. 45 per plant including transportation. Rate taken from ICAR-RCER, Ranchi vide letter no. <i>प्रा.सं.प्रा. 1/19-20/RFS (T), dated on 09.05.19</i>	4.00	nos	45.00	180.00	0.00	180.00	0.00	0.00	
12	Labour Cost for fencing with bamboo post & splitted bamboo with Sindwar or locally available materials (@ 20 rft/1 Uskd); Rate taken from old estimate vide letter no. (N)1287, dated on 27.06.16	9.5	md	194	1843.00	1843.00	0.00	0.00	0.00	
13	Material cost for fencing with bamboo post & splitted bamboo with Sindwar or locally available materials (@ Rs.8.00/1 rft); Rate taken from old estimate vide letter no. (N)1287, dated on 27.06.16	190	ft	8.00	1520.00	0.00	1520.00	0.00	0.00	
14	Material cost for fencing with Nylon Net/ Mesh (height of the mesh would be 4') with mesh opening of 100 to 125 mm square size [weight of one buldle nylon mesh (approx 50ft) would be 1 kg]. * Rate to be taken as Market Rate	4	Kg.	240.00	960.00	0.00	960.00	0.00	0.00	
	Dimension of Fencing :- Length= 190 ft, Height= 4 ft,									
	Qty in kg= (190/50)= 3.80, Say= 4 KG									
15	Labour cost for making jalkund cover for less evaporation of water by using locally available materials. LS	1	md	194.00	194.00	194.00	0.00	0.00	0.00	
16	Cost of material for making jalkund cover like bamboo, GI wire, leaves etc. LS	1	nos	500.00	500.00	0.00	500.00	0.00	0.00	
17	Labour cost for watering (@ 3-5 ltr./sapling) including carrying/supplying from November to March (@ 80 saplings/1 Uskd, weekly for five months)	4.75	md	194.00	921.50	921.50	0.00	0.00	0.00	
18	Labour cost for interculture for 3 times (@ 25 saplings/1 Uskd); 1st after 15 days, 2nd after 45 days, 3rd after 65 days of transplantation of the seedlings with NPK (10:26:26) & Urea (46% N)	2.28	md	194.00	442.32	442.32	0.00	0.00	0.00	
19	Material cost of NPK (10:26:26) @ 100 gm per pit.	5.7	Kg.	25.14	143.30	0.00	143.30	0.00	0.00	
20	Material cost of Urea (46% N) @ 50 gm per pit.	2.85	Kg.	7.76	22.12	0.00	22.12	0.00	0.00	
<b>Maintenance for the 2nd year</b>										
21	Labour cost for 3 times interculture (1st in July, 2nd in September/October and 3rd in Jan/Feb) @ 25 saplings/1 Uskd with Urea (46% N), SSP (16% P2O5) & MOP (60% K2O)	2.28	md	194	442.32	442.32	0.00	0.00	0.00	
22	Material cost of Urea (46% N) @ 50 gm per pit.	2.85	Kg.	7.76	22.12	0.00	22.12	0.00	0.00	
23	Material cost of SSP (16% P2O5) @ 50 gm per pit.	2.85	Kg.	9.90	28.22	0.00	28.22	0.00	0.00	
24	Material cost of MOP (60% K2O) @ 50 gm per pit.	2.85	Kg.	18.60	53.01	0.00	53.01	0.00	0.00	
25	Labour cost for watering (@ 3-5 ltr./sapling) including carrying/supplying from April to 15th June and again from November to March (wkly) (@ 80 saplings/1 Uskd, seven and half months in total)	7.13	md	194	1382.25	1382.25	0.00	0.00	0.00	
<b>Unskilled Mandays:</b>										
26	Provision of Poshan Vatika Sakhi for protection of Tree Plants (@ 200 MD per year for protection of 200 Plants)	38	md	194.00	7372.00	7372.00	0.00	0.00	0.00	
<b>Total Unskilled Mandays:</b>										
		89	md							



27	Mate honorarium (@1 Sskd/20 Uskd):		4	md	287.90	1151.60	0.00	0.00	1151.6	0
A	Sub-Total (Rs.):					23050.72	17310.37	4588.76	1151.60	0.00
28	Contingencies:									
	Signboard (CIB)		1	No.	500.00	500	0.00	500.00	0.00	0.00
	Photography		3	No.	50.00	150	0.00	150.00	0.00	0.00
B	Sub-Total (Rs.):					650.00	0.00	650.00	0.00	0.00
C	Total MGNREGA (A+B) (Rs.):					23700.72	17310.37	5238.76	1151.60	0.00
D	Provision for vegetable seeds, 5 Papaya and 2 Banana seedlings from JSLPS. @ 800 L.S.					800.00	0.00	800.00	0.00	0.00
E	Grand Total (C+D)					24500.72	17310.37	6038.76	1151.60	0.00
	Labour and Material cost ratio (%):						70.65		29.35	

  
 1.9.2022  
 Deptt. of Horticulture  
 B. A. U. Kanke, Ranchi

DRAWING FOR NUTRITION GARDEN OF 5 DECIMAL



P = PAPAYA PLANT :- 5 Nos. G = GLYRICIDIA PLANT :- 4 Nos. M = MORINGA PLANT :- 4 Nos.  
 B = BANANA PLANT :- 2 Nos. L = LEMON PLANT :- 4 Nos. C = CREEPERS :- 4 Nos.

*[Handwritten signature]*