



**REPORT
ON
CLUSTER FRONT LINE DEMONSTRATION
ON PULSE CROPS
(ARRIL, 2016- MARCH, 2017)**

**Rathindra Krishi Vigyan Kendra
Palli Siksha Bhavana (Institute of Agriculture)
Visva-Bharati
Sriniketan, P. O. – Sriniketan,
Dist. - Birbhum, West Bengal – 731236, India**

**Presented at
Zonal Workshop of Krishi Vigyan Kendras
of
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Sabour, Bihar**

**At
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Garacharama, Port Blair,
Andaman and Nicobar Islands – 744101
On April 14th. to 16th., 2017**

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CLUSTER FRONTLINE DEMONSTRATION OF RABI PULSE (2016-17)

1. **Name of KVK:** Rathindra Krishi Vigyan Kendra
2. **Year of establishment:** 1994
3. **Host Institution:** Visva-Bharati University, Santiniketan, Dist. – Birbhum, Pin. – 731235, West Bengal.
4. **Address of KVK:** Rathindra Krishi Vigyan Kendra, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, P. O. – Sriniketan, Dist. – Birbhum, Pin. – 731236, West Bengal. Phone: 03463-264771, email: rathindrakvk@gmail.com, rathindrakvk@rediffmail.com

Performance of the demonstration:

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers	Area in ha	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)				Max.	Min.	Av.	D	S	P
1	Chick Pea	Mahamaya-1	7.50	217	323	1250	Var. Anuradaha + Herbicides, Micronutrient spray	93	20	14.22	11.50	13.85	292	196	51
2	Lentil	Asha	7.15	115	215	785	WBL-77 + Herbicides, Micronutrient spray	69	20	11.10	9.25	12.67	480	256	70
3	Field Pea	Local	3.15	5	762	1185	Rachna + Herbicides, Micronutrient spray	48	20	12.82	6.50	10.94	14680	102	65
4	Crop:- Summer-2017-18, Greengram	Panna	Crop is now in flowering stage				PDM-84-139 + Herbicides, Micronutrient spray	79	20	Crop is now in flowering stage					
Total								289	80						

B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmers' Existing plot				Demonstration plot				Farmers' feedback
		Gross Cost (Rs./ha)	Gross return (Rs./ha)	Net Return (Rs./ha)	B:C ratio	Gross Cost (Rs./ha)	Gross return (Rs./ha)	Net Return (Rs./ha)	B:C ratio	
1	Var. Anuradha + Herbicides, Micronutrient spray	15235	37500	22265	2.46	16637	69250	52613	4.16	Additional net return is Rs. 30,348/ha
2	Var.WBL-77 + Herbicides, Micronutrient spray	15317	42900	27583	2.80	17100	76020	58920	4.45	Additional net return is Rs. 31,337/ha
3	Var. Rachna + Herbicides, Micronutrient spray	11000	14175	3175	1.29	12650	49230	36580	3.89	Almost new introduction to most of the farmers. Additional net return is Rs.33,405/ha
4	Var. PDM-84-139 + Herbicides, Micronutrient spray	Crop is now in flowering stage								

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (Kg.)	Produce sold (Kg./household)	Selling Rate (Rs./Kg.)	Produce used for own sowing (Kg.)	Produce distributed to other farmers (Kg.)	Purpose for which income gained was utilized	Employment Generated (Man days / house hold)
1.	Chick Pea Var. Anuradha	27700	145	50.00	Rest is kept for Dal processing and sowing seeds in the next season.	-	Payment for Labour bill, payment for irrigation, fertilizer and pesticide expenditures.	10
2.	Lentil Var. WBL-77	25340	240	60.00	Rest is kept for Dal processing and sowing seeds in the next season.	-	Payment for Labour bill, payment for irrigation, fertilizer and pesticide expenditures.	15
3.	Field Pea Var. Pravat	21880	260	45.00	Rest is kept for Dal processing and sowing seeds in the next season.	-	Payment for Labour bill, payment for irrigation, fertilizer and pesticide expenditures.	12
4.	Green Gram Var. PDM-84-139	Crop is now in flowering stage						

D. Pulse Farmer's perception of the intervention demonstrated

Sl. No.	Technologies demonstrated	Farmers' Perception parameters					
		Suitability to	Likings	Affordability	Any negative	Is Technology	Suggestions, for

	(with name)	their farming system	(Preference)		effect	acceptable to all in the group/village	change/improvement, if any
1.	Crop:- Chick Pea Var. Anuradha + Herbicides, Micronutrient spray	Suitable to a large extent.	Farmers prefer medium size of seeds and luxurious shiny colour of the seeds of the variety.	New improved variety seeds are affordable. However other components of package of practices like herbicides, plant protection chemicals, micro- nutrients, chemical fertilizers, irrigations etc. are not at all affordable except a very few from the beneficiaries when the programme support would be withdrawn.	None	No, the improved variety and the technological supportive package of practices are acceptable to the partner farmers of the Cluster FLD; but other farmers are still apprehensive about the availability of seeds of the improved varieties and the market acceptance of these new improved varieties. The farmers are greatly concerned about the rising prices of inputs like herbicides, micro- nutrients, plant protection chemicals, irrigation water, labour etc.	Late sown varieties are required to be incorporated in cropping sequence after long duration Kharif Paddy. Shorter duration improved varieties should be popularized. Availability of seeds should be ensured in time. Appropriate good quality <i>Rhizobium</i> culture should be ensured for supply among the farmers. Low cost quality herbicides and micro-nutrients should be encouraged for dissemination among the farming community. Proper irrigation facilities should be created by the Governmental agencies.
2.	Crop:- Lentil Var.WBL-77 + Herbicides, Micronutrient spray	Suitable to a large extent.	Farmers prefer bold sized seeds and attractive brown colour of the seeds of the variety. Besides these, it can be easily boiled saving fuel.	New improved variety seeds are affordable. However other components of package of practices like herbicides, plant protection chemicals, micro- nutrients, chemical fertilizers, irrigations etc. are	None	No, the improved variety and the technological supportive package of practices are acceptable to the partner farmers of the Cluster FLD; but other farmers are still apprehensive about the availability of seeds of the improved varieties and the market	Late sown varieties are required to be incorporated in cropping sequence after long duration Kharif Paddy. Shorter duration improved varieties should be popularized. Availability of seeds should be ensured in time. Appropriate good quality <i>Rhizobium</i> culture should be ensured for supply among the farmers. Low cost quality

				not at all affordable except a very few from the beneficiaries when the programme support would be withdrawn.		acceptance of these new improved varieties. The farmers are greatly concerned about the rising prices of inputs like herbicides, micro-nutrients, plant protection chemicals, irrigation water, labour etc.	herbicides and micro-nutrients should be encouraged for dissemination among the farming community. Proper irrigation facilities should be created by the Governmental agencies.
3.	Crop:- Field Pea Var. Rachna + Herbicides, Micronutrient spray	Suitable to a large extent.	Farmers prefer this variety due to its potential for more yield in less areas. Its seeds can be easily boiled and used for preparation of "Ghoogny", a local delicacy.	New improved variety seeds are affordable. However other components of package of practices like herbicides, plant protection chemicals, micro-nutrients, chemical fertilizers, irrigations etc. are not at all affordable except a very few from the beneficiaries when the programme support would be withdrawn.	None	No, the improved variety and the technological supportive package of practices are acceptable to the partner farmers of the Cluster FLD; but other farmers are still apprehensive about the availability of seeds of the improved varieties and the market acceptance of these new improved varieties. The farmers are greatly concerned about the rising prices of inputs like herbicides, micro-nutrients, plant protection chemicals, irrigation water, labour etc.	Availability of seeds should be ensured in time. Appropriate good quality <i>Rhizobium</i> culture should be ensured for supply among the farmers. Low cost quality herbicides and micro-nutrients should be encouraged for dissemination among the farming community. Proper irrigation facilities should be created by the Governmental agencies.

C	Crop:- Green Gram Var. PDM-84-139 + Herbicides, Micronutrient spray	Crop is now in flowering stage
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E)Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
Crop: Chick pea, Var. Anuradha			
1. No. of branches/ plant	Highly branched	New technology: 17 Local check: 9	84 % increase in yield was obtained through the new technology than local check. The new variety fetched more benefit in shorter duration i.e. additional net return Rs. 30348/ha than local check which is very much encouraging for chickpea cultivation after short duration kharif rice.
2. No. of pods /plant	Higher	New technology: 44 Local check: 21	
Crop: Lentil, Var. WBL-77			
1.No. of branches/ plant	Highly branched	New technology: 11 Local check: 6	77 % increase in yield was obtained through the new technology than local check. The new variety fetched more benefit in shorter duration i.e. additional net return Rs. 31337/ha than local check which is very much encouraging for lentil cultivation under rice fallow situation
2. No. of pods /plant	Higher	New technology: 33 Local check: 16	
Crop: Field pea, var. Rachna			
1.No. of branches/ plant	Highly branched	New technology: 10 Local check: 6	247 % increase in yield was obtained through the new technology than local check. It is almost new introduction to most of the farmers. The new variety fetched more benefit in shorter duration i.e. additional net return Rs. 33405/ha than local check which is
2. No. of pods /plant	Higher	New technology: 30 Local check: 15	

			very much encouraging under rice fallow situation
Crop: Green gram, Var. PDM 84-139	Crop is now in growing stage		

F) Extension activities under FLD conducted till dates:

1.	Training of Practicing Farmers and Farm Women on Improved technology in Rabi pulse cultivation	10.11.2016 Village:- Kartickdanga, Dist.- Birbhum	35
2.	Field Day on Land Preparation and sowing of Lentil	13.11.2016. Village:- Maladang, Dist.:- Birbhum	30
3.	Field Day on Land Preparation and sowing of Chick Pea	14.11.2016. Village:- Kamalakantapur, Dist.:- Birbhum	38
4.	Field Visit by KVK Scientists	17.11.2016. Village – Kankutia, Dist. - Birbhum	11
5.	Training of Practicing Farmers on Land preparation and sowing of pulse.	06.12.2016 Rathindra KVK	35
6.	Scientists of the Rathindra KVK has provided “A Report: Success in Pulse cultivation using fallow land in Kharif by RKVK” in the vernacular language popular Newspaper “Panchayat-Oo-Aamra”	15.12.2016.	Not Assessed
7.	Field Visit on Pod formation of Field Pea	14.01.2017. Village;- Bandhghora, Dist.:- Birbhum	11
8.	Field Day on Land Preparation and Sowing of Green Gram	03.02.2017 Village:- Kankutia, Dist.:- Birbhum	33
9.	Broadcasting of Recorded Radio Programme on Pulse Cultivation in Summer Season through All India Radio	04.02.2017. All India Radio Santiniketan station	Not assessed

10.	Training of Practicing Farmers on Intercultural Operation in Rabi Pulses Cultivation.	11.02.2017 Village:- Khanjanpur, Dist.:- Birbhum	34
11.	Training of Practicing Farmers on Harvesting Threshing & Strolling of Lentil, Chick Pea and Field Pea	23.02.2017 Village:- Bandh Nabagram, Dist.:- Birbhum	17
12.	Telecasting of Recorded Television Programme on Cultivation Practices and Benefits of Chick Pea through E-Tv News Channel	23.02.2017. E-Tv News Office	Not Assessed
13.	Telecasting of Recorded Television Programme on Cultivation Practices and Benefits of Lentil through E-Tv News Channel	23.02.2017. E-Tv News Office	Not Assessed
14.	Telecasting of Recorded Television Programme on Seed Treatment and Rhizobium Inoculation of Summer Green Gram	25.02.2017. E-Tv News Office	Not Assessed
15.	Scientists of the Rathindra KVK has provided “A Report: Advice in Rabi pulse and Oilseed Cultivation by RKVK” in the South Bengal Edition of one of the most popular vernacular language Newspapers of West Bengal i.e. Anandabazar Patrika.	28.02.2017	Not assessed
16.	Field Day on Maturity and harvesting of Lentil	02.03.2017. Village:- Mahidapur, Dist.:- Birbhum	52
17.	Training of Practicing Farmers on Summer Pulses Oilseeds Cultivation	14.03.2017 Village:- Khairidanga, Dist.:- Birbhum	26
18.	Training of Practicing Farmers and Farm Women on Sowing and Fertilizer Management of Black Gram and Green Gram Cultivation.	16.03.2017 Village:- Kankutia, Dist.:- Birbhum	19
19.	Training of Practicing Farmers and Farm Women on Seed Production Technology of Black Gram and Green Gram Phase-I	20.03.2017 Rathindra KVK	41
20.	Training of Practicing Farmers and Farm Women on Seed Production Technology of Black Gram and Green Gram Phase-II	21.03.2017 Rathindra KVK	37

G. Sequential good quality photographs (as per crop stages i.e. growth & development)

Rathindra KVK Scientists at the Off Campus Training Programme on the Cluster FLD Programme on Rabi Pulse organized for Practicing Farmers



Photographs of Seed Distribution



Rathindra KVK Staff at the Field of Cluster FLD Lentil at the Vegetative Stage



Rathindra KVK Scientist collecting Data at the Flowering Stage of Lentil



Rathindra KVK Staff at the Field of Cluster FLD Chick Pea Plot at the Flowering Stage



Rathindra KVK Scientist collecting Data at Fruiting Stage of Chick Pea



Rathindra KVK Scientist collecting Data at the Maturity Stage of Field Pea



Rathindra KVK Scientist interacting with the Farmers at the harvesting Stage of Lentil



Rathindra KVK Scientist collecting Data at the Harvesting Stage of Lentil



H. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rabi, 2016-17, Pulse (Chick Pea, Lentil, Field Pea)	i) Critical input	4,50,000.00	3,98,476.00	51,524.00
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day, training etc)			
	iv)Publication of literature etc.			
Total		4,50,000.00	3,98,476.00	51,524.00

I. List of Farmer under FLD (Crop wise)

Crop 1:- Chick Pea

Name of farmer	Father's name	Village	Block	Mobil e No.	Email ID	GPS Coordinates (DDMMSS format)	S o i l t e s t i n g d o	Reco mme ndati ons based on soil test value	Brief techn ology interv ention	Variety	Seed quantit y used	Demo. Yield (q/ha)	Yield of local check q/ha	% increase

								n e (Y e s / N o)										
						Latitude	Longitude							H	L	A		
Prasanta Ghosh	Cittaranjan Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.9"	87°39'22.1"											
Ardhandu Ghosh	Lt. Binoy Kr. Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.4"	87°39'21.7"											
Abhishek Chatterjee	Swapan Chatterjee	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.3"	87°39'22.4"											
Sujit Ghosh	Monoranjan Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'32.9"	87°39'27.5"											
Sushanta Ghosh	Lt. Basanta Kr. Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'34.1"	87°39'27.4"											
Nabakumar Ghosh	Pashupati Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'33.7"	87°39'28.0"											
Sisir Ghosh	Lt. Bijayananda Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.4"	87°39'21.7"											
Kantiram Ghosh	Lt. Dijopada Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.3"	87°39'22.4"											

Bhuban Ghosh	Anil Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'38.9"	87°39'22.1"										
Sanjoy Ghosh	Jitandra Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'32.9"	87°39'27.5"										
Pintu Ghoshx	Jitandra Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'34.1"	87°39'27.4"										
Khogandr anath Ghosh	Lt. Narayan Ch. Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'33.7"	87°39'28.0"										
Srikanta Ghosh	Lt. Romanath Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'43.9"	87°39'21.3"										
Dipak Ghosh	Lt. Shanti kumar Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'40.5"	87°39'22.4"										
Partha Chatterjee	Lt. Ganapati Chatterjee	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'39.6"	87°39'22.9"										
Uttam Ghosh	Shanti kumar Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.1"	87°39'23.6"										
Jagannath Ghosh	Romanath Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'47.8"	87°39'20.0"										
Nitya ranjan Ghosh,	Lt. Sarat kumar Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'48.9"	87°39'19.9"										
Goutam Das Mahato	Lt. Bodyanath Mahato	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'43.8"	87°39'23.5"										
Kartik Ghosh	Lt. Bijoyananda Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'44.6"	87°39'24.7"										
Prabir Ghosh	Lt. Kanai Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.2"	87°39'20.4"										

Amar Ghosh	Lt. Narayan Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'43.8"	87°39'27.5"										
Sandip Ghosh	Santi Kumar Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'44.6"	87°39'24.7"										
Ramranjan Ghosh	Anil Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.2"	87°39'25.3"										
Satya ranjan Ghosh	Sarat chandra Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'43.8"	87°39'27.6"										
Ganandra Ghosh	Lt. Narayan Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'44.5"	87°39'24.3"										
Sadhan Ghosh	Lt. Bidhubhusan Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'42.0"	87°39'26.9"										
Sudam Ghosh	Romanath Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'39.4"	87°39'26.1"										
Boloram Ghosh	Lt. Romanath Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'42.2"	87°39'26.8"										
Tapan Chatterjee	Panchkori Chatterjee	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.2"	87°39'26.9"										
Sridam Chatterjee	Panchkori Chatterjee	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'44.9"	87°39'25.8"										
Ananda Ghosh	Lt. Narayan Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'38.6"	87°39'25.0"										
Shanti kumar Ghosh	Lt. Pashupati Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'39.5"	87°39'26.9"										
Santanu Chatterjee	Swapan Chatterjee	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'38.8"	87°39'26.7"										

Protap Ghosh	Sushanta Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'39.4"	87°39'26.8"										
Muktichand Chatterjee		Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.2"	87°39'25.3"										
Niranjon Ghosh	Lt. Sarat Chandra Ghosh	Vill - Khanjanpur, Birbhum	Bolpur sriniket an			23°42'43.8"	87°39'27.6"										
Rashbihari Pal	Lt. Romesh Pal	Vill - Deulia, Birbhum	Bolpur sriniket an			23°36'45.8"	87°38'46.6"										
Amalendu Bar	Durga Bar	Vill - Kartik danga, Birbhum	Bolpur sriniket an			23°37'30.2"	87°38'51.1"										
Swapan Chakraborty	Gouranga Chakraborty	Vill - Deulia, Birbhum	Bolpur sriniket an			23°36'45.6"	87°38'47.4"										
Sukhoranjan Mondal	Jogesh Mondal	Vill - Kankutiya, Birbhum	Bolpur sriniket an			23°36'45.8"	87°38'47.2"										
Abdul Majid	Lt. Ishaque	Vill - Kankutiya, Birbhum	Bolpur sriniket an			23°36'48.7"	87°38'45.6"										
Tamal Pal	Damudar Pal	Vill- Bahadurpur, Birbhum	Bolpur sriniket an			23°38'39.2"	87°38'0.9"										
Ranjit Ghosh	Abani Ghosh	Vill- Bahadurpur, Birbhum	Bolpur sriniket an			23°38'39.1"	87°38'0.7"										
Sadhan Ghosh	Sannyasi Ghosh	Vill- Bahadurpur, Birbhum	Bolpur sriniket an	967916 3765		23°38'38.9"	87°38'0.9"										
Tapas Ghosh	Nirmal Ghosh,	Vill- Bahadurpur, Birbhum	Bolpur sriniket an	973200 8024		23°38'39.0"	87°38'0.9"										
Ajit Pal	Rasharanjan Pal	Vill- Bahadurpur, Birbhum	Bolpur sriniket an	900228 2317		23°38'39.7"	87°38'0.8"										

Sukumar Pal	Chittaranjan Pal	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	973208 0449		23°38'39.5"	87°38'0.5"										
Tapan Ghosh	Lt. Sannyasi Ghosh	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	959355 3030		23°38'38.4"	87°38'0.5"										
Sukhdev Ghosh	Lt. Muktipada Ghosh	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	964738 6890		23°38'39.5"	87°38'0.8"										
Somnath Pal	Dhirandra Pal	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	964738 6996		23°38'39.2"	87°38'0.6"										
Pranab Ghosh	Bisanath Ghosh	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	867076 4852		23°38'39.2"	87°38'0.9"										
Sannyasi Ghosh	Nilkamal Ghosh	Vill-Bahadurpur, Birbhum	Bolpur sriniketan			23°38'40.1"	87°38'0.9"										
Bharat Pal	Sridhar Pal	Vill-Bahadurpur, Birbhum	Bolpur sriniketan			23°38'39.6"	87°38'0.3"										
Laxman Pal	Sridhar pal	Vill-Bahadurpur, Birbhum	Bolpur sriniketan			23°38'38.7"	87°38'0.2"										
Nimay Ghosh	Kashinath Ghosh	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	- 890007 3805		23°38'39.2"	87°38'0.4"										
Poresh Pal	Nirmal Pal	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	963582 7456		23°38'39.1"	87°38'0.9"										
Amio Ghosh	Kanai Ghosh	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	963532 1784		23°38'38.3"	87°38'0.6"										
Jadab Pal	Lt. Sisir Pa	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	943444 3224		23°38'38.5"	87°38'0.6"										
Jagannath Bhandari	Lt. Dulal Bhandari	Vill-Bahadurpur, Birbhum	Bolpur sriniketan	977514 2307		23°38'38.1"	87°38'0.4"										

Sujit Pal	Ramranjan Pal	Vill- Bahadurpur, Birbhum	Bolpur sriniketan	954781 9210		23°38'39.2"	87°38'0.7"										
Deaulashwar Pal		Vill- Bahadurpur, Birbhum	Bolpur sriniketan			23°38'39.2"	87°38'0.7"										
Kabita Bagdi	Gayaram Bagdi.	Vill - Maladang, Birbhum.	Md. Bazar Block,	834846 5589		23°57'54.9"	087°32'38.5"										
Jamuna Bagdi	Bharat Bagdi,	Vill - Maladang, Birbhum.	Md. Bazar Block,	956461 9858		23°57'52.8"	087°32'36.4"										
Anima Bagdi	Fotik Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	814577 7014		23°57'52.4"	087°32'36.2"										
Tuki Bagdi	Giri Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'52.9"	087°32'36.4"										
Rekha Bagdi	Manu Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	743003 0272		23°57'55.0"	087°32'39.1"										
Binodini Bagdi	Sudarshan Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	743003 0272		23°57'54.9"	087°32'37.9"										
Chhabi Mahara	Dulal Mahara.	Vill - Maladang, Birbhum.	Md. Bazar Block,	915315 5041		23°57'53.9"	087°32'38.8"										
Bashanti Mahara	Sarat Mahara	Vill - Maladang, Birbhum.	Md. Bazar Block,	787267 1835		23°57'50.8"	087°32'36.7"										
Anarkali Mahara	Dilip Mahara	Vill - Maladang, Birbhum.	Md. Bazar Block,	960965 4099		23°57'52.6"	087°32'36.5"										
Sikha Hazra	Joydeb Hazra.	Vill - Maladang, Birbhum.	Md. Bazar Block,	740726 5655		23°57'52.7"	087°32'37.0"										
Tumpa Bagdi	Netai Bagdi,	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'53.5"	087°32'38.1"										

Buli Bagdi	Sushamoy Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	787260 9165		23°57'51.8"	087°32'37.9"										
Kajal Bagdi	Raju Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'51.6"	087°32'38.5"										
Ashita Bagdi	Bipod Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'52.1"	087°32'39.0"										
Madhu Das	Shyamal Das	Vill - Maladang, Birbhum.	Md. Bazar Block,	811673 1767		23°57'52.7"	087°32'37.2"										
Bulu Das	Lt. Purnachandra Das	Vill - Maladang, Birbhum.	Md. Bazar Block,	961437 8351		23°57'50.1"	087°32'35.9"										
Tapasi Kahar	Surjo Kahar	Vill - Maladang, Birbhum.	Md. Bazar Block,	860936 6102		23°57'49.6"	087°32'33.2"										
Kalpana Das	Milon Das	Vill - Maladang, Birbhum.	Md. Bazar Block,	964765 4597		23°57'51.6"	087°32'34.8"										
Bandana Kahar	Milon Kahar	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'47.9"	087°32'32.0"										
Sanaka Hazra	Probhat Hazra	Vill - Maladang, Birbhum.	Md. Bazar Block,	779771 9755		23°57'49.8"	087°32'33.1"										
Bashanti Mahara	Sarat Mahara	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'54.6"	087°32'38.2"										
Laxmi Bagdi	Taraknath Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	973490 2433		23°57'48.7"	087°32'37.6"										
Chhabi Mahara	Dulal Mahara	Vill - Maladang, Birbhum.	Md. Bazar Block,	915315 5041		23°57'50.8"	087°32'36.9"										
Latika Bagdi	Birbal Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	779781 1561		23°57'52.6"	087°32'37.2"										

Provati Das	Nanda Das	Vill - Maladang, Birbhum.	Md. Bazar Block,	908361 5752		23°57'49.2"	087°32'32.3"									
Sathu Bagdi	Karuna Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	800141 4092		23°57'54.8"	087°32'38.8"									
Chhaya Mahara	Uttam Mahara	Vill - Maladang, Birbhum.	Md. Bazar Block,	779774 2580		23°57'50.9"	087°32'36.7"									
Dhani Bagdi	Hansu Bagdi	Vill - Maladang, Birbhum.	Md. Bazar Block,	896769 7450		23°57'52.7"	087°32'37.2"									
Chandana Kahar	Subash Kaha	Vill - Maladang, Birbhum.	Md. Bazar Block,	743096 1374		23°57'45.3"	087°32'35.3"									
Parbati Das	Sanat Das	Vill - Maladang, Birbhum.	Md. Bazar Block,			23°57'48.0"	087°32'30.8"									
Sukhi Kahar	Rabilal Kahar	Vill - Maladang, Birbhum.	Md. Bazar Block,	800103 9537		23°57'52.8"	087°32'37.1"									

Crop 2: Lentil

Name of farmer	Father's name	Village	Block	Mobil e No.	Email ID	GPS Coordinates (DDMMSS format)	S o i l t e s t i n g d o	Reco mme ndati ons based on soil test value	Brief techn ology interv ention	Variety	Seed quant ity used	Demo. Yield (q/ha)	Yield of local check q/ha	% increase

								ne (Y e s / N o)											
						Latitude	Longitude												
Sk. Kamrul Jamal	Lt. Sk. Sanaullah	Mahidapur, Birbhum,	Bolpur Sriniketan			23°39'14.14"	87°38'24.82"												
Abu Samad Molla	Lt. Anowar Molla	Mahidapur, Birbhum,	Bolpur Sriniketan	779771 2093		23°39'14.20"	87°38'24.9"												
Sk. Najrul	Sk. Jarip	Mahidapur, Birbhum,	Bolpur Sriniketan	947584 9061		23°39'15.14"	87°38'25.3"												
Bashanti Hazra	Sarat Hazra	Maladang, , Birbhum.	Md. Bazar	787267 1435		23°57'48.7"	087°32'32.8"												
Chhabi Mahara	Dulal Mahara	Maladang, , Birbhum.	Md. Bazar	915315 5041		23°57'50.6"	087°32'34.9"												
Saru Das	Naba Das	Maladang, , Birbhum.	Md. Bazar	779772 6119		23°57'44.2"	087°32'28.3"												
Chumki Hazra	Sabhat Hazra	Maladang, , Birbhum.	Md. Bazar			23°57'47.6"	087°32'29.9"												
Dhani Bagdi	Hasu Bagdi	Maladang, , Birbhum.	Md. Bazar	896769 7450		23°57'51.8"	087°32'34.6"												
Chhaya Mahara	Uttam Mahara	Maladang, , Birbhum.	Md. Bazar	779774 2580		23°57'47.6"	087°32'36.8"												

Chhaya Bagdi	Santosh Bagdi	Maladang, , Birbhum.	Md. Bazar			23°57'42.0"	087°32'25.2"										
Kajuli BagdiRaju Bagdi	Raju Bagdi	Maladang, , Birbhum.	Md. Bazar			23°57'53.8"	087°32'39.0"										
Tapasi Bagdi	Anil Bagdi	Maladang, , Birbhum.	Md. Bazar	973378 2873		23°57'49.0"	087°32'32.1"										
Chumki Bagdi	Ranjan Bagdi	Maladang, , Birbhum.	Md. Bazar	956463 2777		23°57'52.8"	087°32'36.9"										
Monisha Das	Sadhu Das	Maladang, , Birbhum.	Md. Bazar	800103 8246		23°57'46.8"	087°32'28.6"										
Protima Das	Niru Das	Maladang, , Birbhum.	Md. Bazar	703189 2041		23°57'52.6"	087°32'37.3"										
Sandha Das	Sanat Das	Maladang, , Birbhum.	Md. Bazar	779781 1561		23°57'51.9"	087°32'36.8"										
Nomita Bagdi	Anil Bagdi	Maladang, , Birbhum.	Md. Bazar	973378 2873		23°57'48.8"	087°32'28.7"										
Jharna Bagdi	Bhagya Bagdi	Maladang, , Birbhum.	Md. Bazar	779774 2580		23°57'54.6 "	087°32'36. 4"										
Anuragi Das	Dasharath Das	Maladang, , Birbhum.	Md. Bazar	956418 7766		23°57'40.8 "	087°32'22. 3"										
Beli Das	Sanatan Das	Maladang, , Birbhum.	Md. Bazar	779772 6119		23°57'42.9 "	087°32'25. 8"										
Rinku Mondal	Bipin Mondal	Maladang, , Birbhum.	Md. Bazar	973588 5036		23°57'47.7 "	087°32'30. 1"										
Bina Mondal	Swapan Mondal	Maladang, , Birbhum.	Md. Bazar	779771 9755		23°57'49.9 "	087°32'29. 6"										
Sathi Mondal	Sadhan Mondal	Maladang, , Birbhum.	Md. Bazar	956481 5045		23°57'50.0 "	087°32'30. 9"										
Tapasi Mondal	Bapi Mondal	Maladang, , Birbhum.	Md. Bazar	956481 5045		23°57'58.2 "	087°32'39. 8"										
Priya Mondal	Bikash Mondal	Maladang, , Birbhum.	Md. Bazar	779781 1510		23°57'57.1 "	087°32'38. 6"										
Mithu Mondal	Goutam Mondal	Maladang, , Birbhum.	Md. Bazar			23°57'49.7 "	087°32'32. 3"										

Madhabi Bagdi	Subash Bagdi	Maladang, , Birbhum.	Md. Bazar			23°57'49.5 "	087°32'32. 0"										
Rekha Bagdi	Manu Bagdi	Maladang, , Birbhum.	Md. Bazar	703189 2033		23°57'54.8 "	087°32'38. 6"										
Protima Bagdi	Biswanath Bagdi	Maladang, , Birbhum.	Md. Bazar			23°57'52.7 "	087°32'36. 5"										
Bharati Hazra	Tamal Hazra	Maladang, , Birbhum.	Md. Bazar			23°57'50.9 "	087°32'36. 8"										
Sunity Ghosh	Lt. Kaligat Ghosh	Nakpur,Birbhum	Nalhati - II			24°16'30.2 "	087°69'30. 2"										
Nur Ishlam	Lt. Riasot Ali	Nakpur,Birbhum	Nalhati - II	973421 3309		24°16'31.7 "	087°69'33. 3"										
Dindar Ali	Lt. Riasot Ali	Nakpur,Birbhum	Nalhati - II	834601 9015		24°16'32.5 "	087°69'30. 2"										
Prashanta Ghosh	Chittoranjan Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	964119 2052		23°42'33.4"	87°39'26.9"										
Adhardandu Ghosh	Lt. Binoy Kr. Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	897260 4798		23°42'36.6"	87°39'25.5"										
Abhishek Chatterjee	Swapan Chatterjee	Khanjanpur, Birbhum	Bolpur sriniketan	947530 0148		23°42'33.8"	87°39'23.6"										
Sujit Ghosh	Monoranjan Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	993253 4264		23°42'33.6"	87°39'36.7"										
Sushanta Ghosh	Lt. Bashanta Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	947610 4490		23°42'33.6"	87°39'36.6"										
Nabakumar Ghosh	Lt. Pashupati Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	947463 4245		23°42'33.4"	87°39'26.9"										
Sisir Ghosh	Lt. Bijoyananda Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	707629 6420		23°42'32.8"	87°39'26.7"										

Kantiram Ghosh	Lt. Dijopodo Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'32.7"	87°39'26.4"										
Bhuban Ghosh	Anil Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'32.3"	87°39'26.2"										
Sanjoy Ghosh	Jitandra Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'33.8"	87°39'23.2"										
Pintu Ghosh	Hridoyranjan Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	947473 1127		23°42'32.3"	87°39'26.0"										
Khogendranath Ghosh	Lt. narayan Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'36.4"	87°39'25.2"										
Srikanta Ghosh	Lt. Ramanath Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	890048 4418		23°42'33.6"	87°39'23.7"										
Dipok Ghosh	Lt. Shantikumar Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.9"	87°39'25.3"										
Partha Chatterjee	Lt. Ganapati Chatterjee	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'38.2"	87°39'26.1"										
Uttam Ghosh	Santikumar Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	947473 8938		23°42'39.4"	87°39'26.8"										
Jagannath Ghosh	Lt. Ramanath Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'39.5"	87°39'26.4"										
Nityaranjan Ghosh	Saratkumar Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'43.4"	87°39'27.4"										
Goutam Das Mahanta	Lt. Boidyanath das Mahanta	Khanjanpur, Birbhum	Bolpur sriniketan	947461 2466		23°42'43.5"	87°39'27.3"										

Kartik Ghosh	Lt. Bijoyanan da Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an	953153 0679		23°42'45.1"	87°39'25.5"										
Probir Ghosh	Lt. Kanai Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an	977513 9303		23°42'44.6"	87°39'24.1"										
Amar Ghosh	Lt. Narayan Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an	954782 5813		23°42'48.9"	87°39'20.4"										
Sandip Ghosh	Nanti kumar Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'44.2"	87°39'24.3"										
Ramranjan Ghosh	Anil Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an	973512 8210		23°42'44.7"	87°39'24.6"										
Satyanjan Ghosh	Lt. Sarat Chandra Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'48.9"	87°39'22.4"										
Ganandr anath Ghosh	Lt. Narayan Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.0"	87°39'23.3"										
Sadhan Ghosh	Lt. Bibhutibh ushan Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'47.2"	87°39'20.1"										
Sudam Ghosh	Lt. Ramanath Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'48.7"	87°39'19.5"										
Boloram Ghosh	Lt. Ramanath Ghosh	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'45.5"	87°39'23.7"										
Tapan Chatterjee	Panchkori Chatterjee	Khanjanpur, Birbhum	Bolpur sriniket an	890066 2069		23°42'45.2"	87°39'23.5"										
Sridham Chatterjee	Panchkori Chatterjee	Khanjanpur, Birbhum	Bolpur sriniket an			23°42'47.3"	87°39'20.0"										

ee			an													
Santanu Chatterjee	Swapan Chatterjee	Khanjanpur, Birbhum	Bolpur sriniketan	738453 2386		23°42'48.6"	87°39'19.5"									
Protap Ghosh	Sushanta Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	837281 4170		23°42'48.8"	87°39'20.3"									
Niranjan Ghosh	Sarat chandra Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	967932 6186		23°42'44.5"	87°39'24.6"									
Ananda Ghosh	Narayan Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan	980089 0458		23°42'45.3"	87°39'23.6"									
Santi kumar Ghosh	Pashupati Ghosh	Khanjanpur, Birbhum	Bolpur sriniketan			23°42'45.2"	87°39'23.5"									

Crop 3: Field Pea

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)	Soil test value	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Demo. Yield (q/ha)	Yield of local check q/ha	% increase

								(Y e s / N o)									
						Latitude	Longitude							H	L	A	
Madhabi Bagdi	Subhash Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	87686 34018		23°57'54.9"	87°32'38.5"										
Chumki Kahar	Rajesh Kahar	Maladang, Post-Sheorakuri	Md. Bazar	77792 89370		23°57'54.7"	87°32'38.2"										
Chandana Kahar	Abhijit Kahar	Maladang, Post-Sheorakuri	Md. Bazar	74309 61394		23°57'53.8"	87°32'37.9"										
Shatu Bagdi	Karuna Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	80014 14092		23°57'55.2"	87°32'38.9"										
Anima Bagdi	Fatik Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	96479 63839		23°57'54.2"	87°32'37.3"										
Tulshi Hajra	Srividhar Hajra	Maladang, Post-Sheorakuri	Md. Bazar	96350 11973		23°57'51.7"	87°32'36.3"										
Beli Das	Sanatan Das	Maladang, Post-Sheorakuri	Md. Bazar	98003 23079		23°57'50.3"	87°32'37.1"										
Pratima Das	Niru Das	Maladang, Post-Sheorakuri	Md. Bazar	75480 50367		23°57'52.8"	87°32'38.0"										

Kabita Bagdi	Gayaram Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	81456 49887		23°57'48.9"	87°32'36.1"										
Kalpana Hajra	kishan Hajra	Maladang, Post-Sheorakuri	Md. Bazar	81457 77014		23°57'50.2"	87°32'38.2"										
Latika Bagdi	Birbal Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	77978 11561		23°57'53.1"	87°32'38.1"										
Amita Bagdi	Bipadtara n Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	70318 92041		23°57'52.3"	87°32'38.2"										
Tapasi Mandal	Bapi Mandal	Maladang, Post-Sheorakuri	Md. Bazar	95648 15045		23°57'51.8"	87°32'38.2"										
Sathi Mandal	Bikash Mandal	Maladang, Post-Sheorakuri	Md. Bazar	77978 11510		23°57'53.1"	87°32'37.8"										
Priya Mandal	Goutam Mandal	Maladang, Post-Sheorakuri	Md. Bazar	90836 15752		23°57'54.6"	87°32'38.1"										
Prabhathi Das	Nanda Das	Maladang, Post-Sheorakuri	Md. Bazar	97337 82873		23°57'46.7"	87°32'35.2"										
Shila Das	Gour Das	Maladang, Post-Sheorakuri	Md. Bazar	95648 15045		23°57'47.3"	87°32'36.2"										
Tapasi Bagdi	Anil Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	86093 66102		23°57'50.2"	87°32'36.4"										
Tapati Kahar	Surya Kahar	Maladang, Post-Sheorakuri	Md. Bazar	80010 39537		23°57'48.2"	87°32'36.9"										
Sukhi Kahar	Gour Kahar	Maladang, Post-Sheorakuri	Md. Bazar	70318 92033		23°57'56.2"	87°32'38.1"										

Mitali Bagdi	Bandi Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	89676 99450		23°57'57.0"	87°32'37.9"										
Anarkali Mahara	Dilip Mahara	Maladang, Post-Sheorakuri	Md. Bazar	96096 54099		23°57'57.1"	87°32'38.0"										
Chhaya Mahara	Uttam Mahara	Maladang, Post-Sheorakuri	Md. Bazar	77977 42580		23°57'49.9"	87°32'36.7"										
Parbati Das	Sanat Das	Maladang, Post-Sheorakuri	Md. Bazar	77977 41497		23°57'52.3"	87°32'37.0"										
Chhabirani Mahara	Dulal Mahara	Maladang, Post-Sheorakuri	Md. Bazar	91531 55041		23°57'49.8"	87°32'36.6"										
Shaiba Mahara	Nitai Mahara	Maladang, Post-Sheorakuri	Md. Bazar	91531 55041		23°57'50.2"	87°32'37.1"										
Aalo Mahara	Ulal Mahara	Maladang, Post-Sheorakuri	Md. Bazar	95641 01302		23°57'52.3"	87°32'38.1"										
Binodini Bagdi	Sudarshan Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	74300 30272		23°57'48.2"	87°32'37.1"										
Jharna Bagdi	Bhgya Bagdi	Maladang, Post-Sheorakuri	Md. Bazar	77977 26119		23°57'54.8"	87°32'38.3"										
Saru Das	Naba Das	Maladang, Post-Sheorakuri	Md. Bazar	77977 26119		23°57'52.6"	87°32'38.2"										
Nandad ulal Ghosh	Haripada Ghosh	Lokepur, Post-Lokeppur	Khayra sole	97320 20956		23°51'53.96 "	87°17'4.2"										
Ashar Das	Maji Das	Lokepur, Post-Lokeppur	Khayra sole			23°51'53.96 "	87°17'4.2"										

Baishakh i Mal	Banshibad an Mal	Putka, Post- Jahidpur	Khayra sole	73648 40785		23°51'53.96 "	87°17'4.2"										
Siddesh war Mal	Lt Gurupada Mal	Putka, Post- Jahidpur	Khayra sole	96793 06236		23°51'52.81 "	87°17'5.1"										
Habal Mal	Ajit Mal	Putka, Post- Jahidpur	Khayra sole	78726 53001		23°51'53.99 "	87°17'4.9"										
Kajal Mal	Mahadeb Mal	Putka, Post- Jahidpur	Khayra sole	78726 53101		23°51'53.96 "	87°17'4.2"										
Sudan Kumar Mal	Lt Rampada Mal	Putka, Post- Jahidpur	Khayra sole	74786 56601		23°51'50.96 "	87°17'3.2"										
Tapan Mal	Nimai Mal	Putka, Post- Jahidpur	Khayra sole	83489 79609		23°51'49.75 "	87°17'3.0"										
Gopal Mal	Lt Anil Mal	Putka, Post- Jahidpur	Khayra sole	81169 19751		23°51'51.85 "	87°17'4.1"										
Mithu Manna	Durlav Manna	Bankata, Post- Jahidpur	Khayra sole	96353 43374		23°51'53.96 "	87°17'4.2"										
Swapan Manna	Lt Sudhir Manna	Bankata, Post- Jahidpur	Khayra sole	80011 41701		23°51'47.86 "	87°17'4.0"										
Ujjwal Bauri	Dulal Bauri	Bankata, Post- Jahidpur	Khayra sole	81580 25837		23°51'53.96 "	87°17'4.2"										
Nirmal Ghosh	Lt Lakshmika nta Ghosh	Bankata, Post- Jahidpur	Khayra sole	77191 14575		23°51'52.83 "	87°17'5.2"										
Santosh Ghosh	Lt Krishnapa da Ghosh	Bankata, Post- Jahidpur	Khayra sole	91537 59016		23°51'53.87 "	87°17'5.0"										
Lalmoha n Mandal	Lt Narendra nath Mandal	Bamunibah al, Post- Jahidpur	Khayra sole			23°47'17.77 "	87°15'56.01 "										
Biren	Lt Adhir	Bamunibah	Khayra	97752		23°47'17.72	87°15'56.00										

Mandal	Mandal	al, Post-Jahidpur	sole	91407		"	"										
Geni Molla	Lt Matim Molla	Khanni, Post-Jahidpur	Khayra sole	81599 79217		23°47'16.67 "	87°15'55.01 "										
Safik Molla	Lt Khalek Molla	Khanni, Post-Jahidpur	Khayra sole	81455 31325		23°47'17.82 "	87°15'57.03 "										