

# CLUSTER FRONTLINE DEMONSTRATION OF RABI AND SUMMER OIL SEED (2017-18) PERFORMANCE DATA

## REPORTING FORMAT KVK WISE

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](mailto:rathindrakvk@gmail.com), [rathindrakvk@rediffmail.com](mailto: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	Mustard	B-9	10.05	136	72	595	Var. NC-1 + Herbicides pendimethalin as pre emergence @ 3lt/ha+ Micronutrient spray Zinc EDTA @ 1g/lt water in 25 and 45 DAS	62	10	13.05	10.50	11.75	129	244	29
2	Linseed	Local Improved	4.25	180	75	775	Var. Sekhar + Herbicides pendimethalin as pre emergence @ 3lt/ha+ Micronutrient spray Zinc EDTA @ 1g/lt water in 25 and 45 DAS	113	40	10.50	4.75	8.12	215	516	50
3	Sesame	Tilottoma	Crop is now in seedling stage				Var. Savitri + Herbicides, Micronutrient spray	180	40	Crop is now in seedling stage					
<b>Total</b>							<b>355</b>	<b>90</b>							

## B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's 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	NC-1 (Improved variety) + Herbicides pendimethalin as pre emergence @ 3lt/ha+ Micronutrient spray Zinc EDTA @ 1g/lt water in 25 and 45 DAS	19983	50250	30267	2.50	20982	58750	37768	2.80	Additional net return Rs. 7501/ ha The new variety can assure yield even under rice fallow situation. It has good oil content. Farmers like yellow sarsoon more than mustard
2	Sekhar (Improved variety) + Herbicides pendimethalin as pre emergence @ 3lt/ha+ Micronutrient spray Zinc EDTA @ 1g/lt water in 25 and 45 DAS	14665	29750	15085	2.02	15851	56840	40989	3.59	Additional net return Rs. 25904/ha. New variety with appropriate management in linseed is more profitable than mustard in particularly their late sown condition

**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 (Mandays/house hold)
1	Mustard Var. NC-1	11750	125	50.00	Rest is kept for extracting oil and sowing seeds in the next season.	-	Payment of labour bill, Fertilizer and pesticide cost	18
2	Linseed var. Sekhar	32480	150	70.00	Rest is kept for extracting oil and sowing seeds in the next season.	-	Payment of labour bill, Fertilizer and pesticide cost	14

**D. Oilseed Farmer's perception of the intervention demonstrated**

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1.	Var. NC-1 + Herbicides, Micronutrient spray	Suitable to a large extent.	Farmers prefer white colored seeds of Mustards.	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 tc.	Shorter duration improved varieties should be popularized. Availability of seeds should be ensured in time. 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.

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
2.	Var. Sekhar + Herbicides, Micronutrient spray	Suitable to a large extent.	Farmers prefer the new improved variety of Linseed i.e. Deepika / Sekhar; as the existing variety of Local Improved gives a very poor yield.	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 etc. The demand in local market of the crop is not satisfactory.	Shorter duration improved varieties should be popularized. Availability of seeds should be ensured in time. 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.

### E) Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
<b>Crop: Mustard, Var. NC-1</b>			
1.Plant height (cm):	Height is less	New technology: 70 Local check:88	16.9 % 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. 7501/ha than local check which is very much encouraging for mustard cultivation even in rice fallow situation
2. No. of branches/ plant:	Highly branched	New technology: 5 Local check: 4	
3.No. of pods /plant: 20-25	Higher	New technology: 25 Local check: 21	
<b>Crop: Linseed, Var. Sekhar</b>			
1. Plant height (cm):	Height is more	New technology:30 Local:24	91 % 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. 25904/ha than local check which is very much encouraging for linseed cultivation even under rice fallow situation
2.No. of branches/ plant:	Highly branched	New technology:13 Local check: 6	
3.No. of pods /plant: 14-20	Higher	New technology: 29 Local check: 15	

**F) Extension activities under FLD conducted till dates:**

1.	Training Programme of Oilseed production Technologies in Kharif Season	30.05.2017 Rathindra KVK	13
2.	Training Programme of Crop diversification through Oilseed cultivation in Kharif season	22.06.2017 Rathindra KVK	23
3.	Training Programme of Improved Methods of Oilseeds Cultivation in Kharif Season for crop diversification.	13.07.2017 Rathindra KVK	25
4.	Training Programme of Improved Methods of Oilseeds Cultivation in Kharif Season for crop diversification.	27.07.2017 A.D. A office, Bolpur Block. Birbhum	35
5.	Cultivation Practices & Budget of Linseed cultivation at ETV.	23.02.2017 AIR, FM Santiniketan	Not assessed
6.	Broadcasting Live Phone In programme in crop diversification through cultivation of kharif sesame	1.8.2017 AIR, FM Santiniketan	Not assessed
7.	Telecasting recording programme on cultivation of kharif oilseeds with special reference to sesame	9.8.2017 DD, Santiniketan	Not Assessed
8.	Training Programme of Sowing and Fertilizer Management Production Technology in Kharif Sesame with Improved variety Savitri crop diversification.	4.08.2017 Daranda.Birbhum	24
9.	Training Programme of Crop diversification through Oilseed cultivation in Kharif season	15.09.2017 A.D.A office, Labpur Block. Birbhum	22
10.	Training Programme of Crop Sowing Line and Sowing methods Oilseed of Rapeseed Mustard Cultivation.	14.10.2017 Rampurhat Block-I, Birbhum	27
11.	Training Programme of Enhancing Production Oilseed of Mustard & Linseed in Rabi Season and crop diversification.	28.11.2017 Rathindra KVK	12
12.	Training Programme of Sowing & Herbicide application of Summer Sesame.	03.03.2018 Rathindra KVK	15
13.	Training Programme of Improved package of practices for Production Technology Summer Sesame.	06.03.2018 Faridpur, with A.D. A Bolpur Block. Birbhum	36

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

**Rathindra KVK Scientists at the On-Campus Training Programme on the Cluster FLD Programme on Rabi Oilseeds**



**Photographs of Seed distribution**



**Rathindra KVK Staff at the Field of Cluster FLD Linseed at the Vegetative Stage**



**Rathindra KVK Scientist collecting Data at the Flowering Stage of Linseed**



## Rathindra KVK Technology Agent collecting Data at the Fruiting Stage of Linseed



**Rathindra KVK Technology Agent collecting Data at the Flowering Stage of Mustard**



**Rathindra KVK Technology Agent collecting Data at the Fruiting Stage of Mustard**



**Rathindra KVK Staff at the Field of Cluster FLD Sesame at the seedling Stage**



H) Details of budget utilization

Crop (provide crop wise information )	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Rabi summer 2017-18, Oilseed (Rapeseed, Mustard, Linseed)	i) Critical input		The statement will be provided after payment of all pending bills	
	ii) TA/DA/POL etc. for monitoring			
	iii) Extension Activities (Field day, training etc)			
	iv)Publication of literature etc.			
<b>Total</b>				

D). List of Farmer under FLD (Crop wise)

a) Crop1:- Mustard

Name of farmer	Father's name	Village	Block	Mobile No.	Email ID	GPS Coordinates (DDMMSS format)		Soil testing done (Yes/No)	Recommendations based on soil test value	Brief technology intervention	Variety	Seed quantity used	Area sown (ha.)	Demo Yield (q/ha)			Yield of local check q/ha	% increase	
						Latitude	Longitude							H	L	A			
											NC-1	6 Kg/ha		13.05	10.50	11.75	10.05	16.9%	
Godai Ghosh	Ratan Ghosh	Rajatpur	Bolpur ,Sriniketan,	8670076681		23°37'35.7'	87°41'44.8"						0.33						
Uday Ghosh	Ratan Ghosh	Rajatpur	Bolpur ,Sriniketan,	8670076681		23°37'37.11"	87°41'48.21"						0.26						
Krtick Ghosh	Lt Mukti pada Ghosh	Rajatpur	Bolpur ,Sriniketan,	8116108128		23°37'36.8'	87°41'47.4"						0.13						
Rabi Soren	Shibu Soren	Rajatpur	Bolpur ,Sriniketan,	8145596731		23°37'37.5'	87°41'46.8"						0.13						
Binad Tudu	Mongla Tudu	Rajatpur	Bolpur ,Sriniketan,	8670076681		23°37'36.21"	87°41'47.17"						0.26						
Gopal Chandra Mondal	Profulla	Rajatpur	Bolpur ,Sriniketan,	9933737552		23°37'38.7'	87°41'48.3"						0.33						

	Mondal															
Profulla Mondal	Shasti Charan Mondal	Rajatpur	Bolpur ,Sriniketan,	9732289865	23°37'36.11"	87°41'43.7"							0.13			2.65
Basudeb Mate	Helaram Mate	Rajatpur	Bolpur ,Sriniketan,	9647864728	23°37'37.7'	87°41'44.8"							0.13			1.4
Jhatak Mate	Kanai Mate	Rajatpur	Bolpur ,Sriniketan,	9126261659	23°37'37.7'	87°41'46.8"							0.26			1.2
Ajit Mondal	Baneswar Mondal	Rajatpur	Bolpur ,Sriniketan,	8946021553	23°37'37.7'	87°41'48.8"							0.13			2.75
Mohadeb Ghosh	Lt Tarapada Ghosh	Rajatpur	Bolpur ,Sriniketan,	8436163271	23°37'39.7'	87°41'47.7"							0.33			1.3
Gouranga Ghosh	Mohadeb Ghosh	Rajatpur	Bolpur ,Sriniketan,	9593955197	23°37'38.5'	87°41'45.7"							0.13			3.1
Kashinath Ghosh	Lt Samir Ghosh	Rajatpur	Bolpur ,Sriniketan,	8436270018	23°37'37.7'	87°41'48.8"							0.13			2.71
Ranjit Das	Lt Nandadulal Das	Rajatpur	Bolpur ,Sriniketan,	9126244564	23°37'37.7'	87°41'48.8"							0.13			2.65
Anupam Ghosh	Mohadeb Ghosh	Rajatpur	Bolpur ,Sriniketan,	8436163271	23°37'37.10"	87°41'46.9"							0.26			1.4
Sukumar Mal	Lt Shasti Charan Mondal	Rajatpur	Bolpur ,Sriniketan,	7872108883	23°37'37.7'	87°41'47.11"							0.13			1.4
Bikash Das	Ranjit Das	Rajatpur	Bolpur ,Sriniketan,	9126244564	23°37'35.7'	87°41'44.8"							0.13			1.4

Khakon Das	Lt Kangal Das	Rajatpur	Bolpur ,Srinik etan,	86175824 28	23°37'37.1 1"	87°41'48.21 "						0.13			3.1
Nimai Das	Khakon Das	Rajatpur	Bolpur ,Srinik etan,	95633690 20	23°37'36.8' '	87°41'47.4" "						0.13			3.1
Lakhan Das	Khakon Das	Rajatpur	Bolpur ,Srinik etan,	75400500 14	23°37'37.5' '	87°41'46.8" "						0.13			3.2
Akash Chandra Das	Kashinath Das	Rajatpur	Bolpur ,Srinik etan,	81588404 87	23°37'36.2 1"	87°41'47.17 "						0.33			3.47
Tusharkanti Ghosh	Swajan Ghosh	Rajatpur	Bolpur ,Srinik etan,	91264300 27	23°37'38.7' '	87°41'48.3" "						0.13			1.4
Raju Hazra	Jagai Hazra	Rajatpur	Bolpur ,Srinik etan,	97325237 09	23°37'36.1 1"	87°41'43.7" "						0.26			2.5
Tusharkanti Ghosh	Swajan Ghosh	Rajatpur	Bolpur ,Srinik etan,	91264300 27	23°37'37.7' '	87°41'48.8" "						0.13			1.5
Khakon Pande	Billa Mongal Pande	Rajatpur	Bolpur ,Srinik etan,	90021469 25	23°37'37.7' '	87°41'48.8" "						0.13			1.2
Rabi Pande	Billa Mongal Pande	Rajatpur	Bolpur ,Srinik etan,	96473296 61	23°37'37.1 0"	87°41'46.9" "						0.13			1.37
Bijoy Das	Khoka Das	Rajatpur	Bolpur ,Srinik etan,	75480500 14	23°37'37.7' '	87°41'47.11 "						0.13			1.6
Surojit Mondal	Ajit Mondal	Rajatpur	Bolpur ,Srinik etan,	89460215 53	23°37'35.7' '	87°41'44.8" "						0.13			1.6
Manatosh Mondal	Ajit Mondal	Rajatpur	Bolpur ,Srinik etan,	89448621 33	23°37'37.1 1"	87°41'48.21 "						0.13			1.4
Kandan Hansda	Lt Lakhan Hansda	Rajatpur	Bolpur ,Srinik etan,	85977050 94	23°37'36.8' '	87°41'47.4" "						0.13			1.2

Siddhinath Hansda	Lt Kadu m Hansda	Mahuli	Bolpur, Sriniketan,	8597705094									0.13	1.35		
Das Mardi	Chaitanno Mardi	Mahuli	Bolpur, Sriniketan,	9609709831									0.13	1.37		
Lakshmi Mardi	Das Mardi	Mahuli	Bolpur, Sriniketan,	9609709831									0.13	1.37		
Thakur Mardi	Sukui Mardi	Mahuli	Bolpur, Sriniketan,	8537982894									0.13	1.4		
Rabilal Hansda	Lt Kesto Hansda	Mahuli	Bolpur, Sriniketan,	9547091697									0.13	1.5		
Ganesh Mardi	Som Mardi	Mahuli	Bolpur, Sriniketan,	7478871936									0.13	1.2		
Jiban Ghosh	Lt Purnachandra Ghosh	Rajatpur	Bolpur, Sriniketan,	8348558249		23°37'37.7'		87°41'48.8"					0.13	1.6		
Nabakumar Ghos	Lt Purnachandra Ghosh	Rajatpur	Bolpur, Sriniketan,	8436015767		23°37'37.7'		87°41'48.8"					0.13	1.35		
Chhato Mardi	Lt Ram Mardi	Mahuli	Bolpur, Sriniketan,	8348524459									0.13	1.3		
Ram Mardi	Chhato Mardi	Mahuli	Bolpur, Sriniketan,	8348524459									0.12	1.26		
Kader Sk	Asgar Sk	Gitgram	Bolpur, Sriniketan,	9126633855									0.13	1.35		
Lakshmiram Hembram	Rabi Hembram	Mahuli	Bolpur, Sriniketan,	9609790831									0.13	1.4		

Jiban Samanta	Lt Dulal Chandra Samanta	Abhirampur	Bolpur ,Sriniketan,	7384427791									0.13	1.2		
Shyamabati Samanta	Biku Chandra Samanta	Abhirampur	Bolpur ,Sriniketan,	7384427791									0.13	1.5		
Lakshman Mondal	Mihir Chandra Mondal	Abhirampur	Bolpur ,Sriniketan,	9564862368									0.13	1.3		
Sukumar Mate	Habal Mate	Rajatpur	Bolpur ,Sriniketan,	8670076681		23°37'37.7'		87°41'48.8"					0.13	1.37		
Bikash Ghosh	Lt Tarapada Ghosh	Rajatpur	Bolpur ,Sriniketan,	7063179066		23°37'37.7'		87°41'48.8"					0.12	1.41		
Somnath Mate	Madhu Mate	Rajatpur	Bolpur ,Sriniketan,	9775368682		23°37'37.10"		87°41'46.9"					0.136	1.3		
Charan Majhi	Thakur Majhi	Rajatpur	Bolpur ,Sriniketan,	9609490831		23°37'37.7'		87°41'47.11"					0.12	1.3		
Basu Ghosh	Tarapada Ghosh	Rajatpur	Bolpur ,Sriniketan,	7384427791		23°37'35.7'		87°41'44.8"					0.13	1.36		
Ram Hembram	Lt Som Hembram	Ramnagar	Illambazar	7063366774									0.13	1.65		
Jiten Mal	Nirmal Mal	Ramnagar	Illambazar										0.13	1.68		
Mukul Mal	Budina th Mal	Ramnagar	Illambazar	9563989512									0.13	1.72		
Naton Mal	Gopal Mal	Ramnagar	Illambazar										0.13	1.69		



												22.5 Kg/ha	1 0 . 5 0	4 . 7 5	8. 1 2	4. 25	9 1 %
Utsab Ghosh	Pronab Ghosh	Damdam	Bolpur, Sriniketan,	9800999132								0.13			1.31		
Nabakumar Ghosh	Lakhikanta Ghosh	Damdam	Bolpur, Sriniketan,									0.33			3.02		
Bidyut Ghosh	Madan Mohan Ghosh	Damdam	Bolpur, Sriniketan,	9126062800								0.26			2.45		
Barid Baran Ghosh	Madan Mohan Ghosh	Damdam	Bolpur, Sriniketan,	9126062800								0.33			3.05		
Nikhil Mal	Renupada Mal	Damdam	Bolpur, Sriniketan,									0.26			2.45		
Sagar Moy Laha	Sanapati Laha	Damdam	Bolpur, Sriniketan,	9800999127								0.26			2.52		
Arun Mal	Sisir Mal	Damdam	Bolpur, Sriniketan,									0.33			2.99		
Srehashish Ghosh	Radhapada Ghosh	Damdam	Bolpur, Sriniketan,	9434633018								0.56			5.45		
Balarama Majumdar	Shashikanta Majumdar	Damdam	Bolpur, Sriniketan,	8348007989								0.33			3.15		
Naba Kumar Mal	Lakhikanta Mal	Damdam	Bolpur, Sriniketan,									0.33			3.12		
Godai Ghosh	Ratan Ghosh	Rajatpur	Bolpur, Sriniketan,	8670076681								0.33			2.75		
Uday Ghosh	Ratan Ghosh	Rajatpur	Bolpur, Sriniketan,	8670076681								0.26			2.15		

Krtick Ghosh	Lt Muktipada Ghosh	Rajatpur	Bolpur, Sriniketan,	8116108128									0.33	2.72		
Rabi Soren	Shibu Soren	Rajatpur	Bolpur, Sriniketan,	8145596731									0.26	2.22		
Binad Tudu	Mongla Tudu	Rajatpur	Bolpur, Sriniketan,	8670076681									0.26	2.18		
Gopal Chandra Mondal	Profulla Mondal	Rajatpur	Bolpur, Sriniketan,	9933737552									0.33	3.7		
Profulla Mondal	Shasti Charan Mondal	Rajatpur	Bolpur, Sriniketan,	9732289865									0.26	2.21		
Basudeb Mate	Helaram Mate	Rajatpur	Bolpur, Sriniketan,	9647864728									0.33	2.68		
Jhatak Mate	Kanai Mate	Rajatpur	Bolpur, Sriniketan,	9126261659									0.33	2.71		
Ajit Mondal	Baneswar Mondal	Rajatpur	Bolpur, Sriniketan,	8946021553									0.33	2.73		
Mohadeb Ghosh	Lt Tarapada Ghosh	Rajatpur	Bolpur, Sriniketan,	8436163271									0.33	2.85		
Gouranga Ghosh	Mohadeb Ghosh	Rajatpur	Bolpur, Sriniketan,	9593955197									0.33	2.82		
Ranjit Das	Lt Nandadulal Das	Rajatpur	Bolpur, Sriniketan,	9126244564									0.33	2.88		
Khakon Das	Lt Kangal Das	Rajatpur	Bolpur, Sriniketan,	8617582428									0.33	2.81		
Nimai Das	Khakon Das	Rajatpur	Bolpur, Sriniketan,	9563369020									0.33	2.98		
Sukumar Mal	Lt Shasti Charan Mondal	Rajatpur	Bolpur, Sriniketan,	7872108883									0.33	2.69		

Khakon Pande	Billa Mongal Pande	Rajatpur	Bolpur, Sriniketan,	9002146925									0.33	3.15		
Rabi Pande	Billa Mongal Pande	Rajatpur	Bolpur, Sriniketan,	9647329661									0.33	3.02		
Bapan Mondal	Ajit Mondal	Rajatpur	Bolpur, Sriniketan,	8946021553									0.33	2.1		
Langal Das	Lt Khakon Das	Rajatpur	Bolpur, Sriniketan,	7548050014									0.26	2.3		
Bablu Hembram	Lt Babulal Hembram	Kadamhir	Md.Bazar	8016681042									0.33	2.12		
Abdul Majid	Lt Isahoque	Kankutiya	Bolpur, Sriniketan,	8900397673									0.26	4.2		
Lakhinarayan Sen	Aakupada Sen	Senkapur	Bolpur, Sriniketan,	9933937720									0.33	2.2		
Rasbihari Pal	Lt Jatin Pal	Deoli	Bolpur, Sriniketan,	8642816888									0.33	2.3		
Sanat Kumar Ghosh	Lt bShaktipada Ghosh	Deoli	Bolpur, Sriniketan,	8001683002									0.56	2.1		
Leul Mate	Ranjit Mate	Senkapur	Bolpur, Sriniketan,										0.33	2.8		
Kartick Garain	Durgapada Garain	Kamalakanthapur	Bolpur, Sriniketan,	9800164934									0.36	2.3		
Debi Garain	Sistidhar Garain	Kamalakanthapur	Bolpur, Sriniketan,	8972170054									0.33	2.12		
Papiya Garain	Lt Ganga Garain	Kamalakanthapur	Bolpur, Sriniketan,	9609641687									0.33	4.2		
Malati Biswas	Krishnapada Biswas	Kalinagar Kaloni	Labpur	9002176948									0.33	2.2		
Hasnahara Bibi	Md.Hassion	Kusumgaria	Labpur	9564881028									0.56	2.66		

Sadhu Sk	Sk Bodi Jamal		Labpur	8145481750									0.33	2.1		
Anish Mridha	Ahamad Manna Mridha	Gajipara	Labpur	95939514378									0.33	2.8		
Sk Sattar	Sk Murad Ali	Chouhatta, Gajipara	Labpur	95939514378									0.33	2.2		
Premananda Mondal	Lt Radhashyam Mondal	Sundipur	Labpur	9635966942									0.33	2.1		
Kenaram Bhandary	Nimai Bhandary	Kholakuri	Dubrajpur	8768540056									0.26	2.4		
Tapas Bagdi	Lt Mangal Bagdi	Kholakuri	Dubrajpur	7586991154									0.56	2.3		
Chandan Mondal	Sushil Mondal	Kholakuri	Dubrajpur	8927937390									0.33	2.2		
Asim Bagdi	Satyaban Bagdi	Punglapur	Dubrajpur	9564057213									0.33	2.3		
Dilip Saha	Dhiren Saha	Punglapur	Dubrajpur	8145405251									0.33	2.1		
Binoy Saha	Fatick Saha	Punglapur	Dubrajpur	8972094259									0.33	2.8		
Sadananda Saha	Fatick Saha	Punglapur	Dubrajpur	8145612252									0.33	2.2		
Jagannath Bagdi	Shakti Bagdi	Punglapur	Dubrajpur										0.33	2.1		
Sishir Mondal	Nimai Mondal	Baidyanathpur	Dubrajpur										0.33	2.3		
Sanat Bagdi	Shankar Bagdi	Protappur	Dubrajpur										0.33	2.12		
Swapan Das	Dhananjoy Das	Katapalan	Dubrajpur	7872536854									0.33	2.25		
Jadab Roy	Bhaktipada Roy	Katapalan	Dubrajpur	9732205412									0.33	2.7		
Binoy Bagdi	Joyaram Bagdi	Katapalan	Dubrajpur	9734328265									0.33	2.1		
Sridam Bagdi	Sahadeb Bagdi	Katapalan	Dubrajpur										0.33	2.3		
Nepal Ghosh	Anath Ghosh	Katapalan	Dubrajpur	758599975									0.33	2.12		

Sanatan Ghosh	Gambhiram Ghosh	Katapalan	Dubrajpur	9679879718									0.33	4.2		
Lkkhi Korah	Dhanu Murmu	Alupahari	Md.Bazar										0.33	2.7		
Arshu Marandi	Ganesh Murmu	Beldanga	Md.Bazar	9933616873									0.13	1.07		
Som Marandi	Gopal Marandi	Beldanga, Chuamal	Md.Bazar	7584857337									0.56	4.6		
Debnath Soren	Sakal Soren	Beldanga, Chuamal	Md.Bazar										0.26	2		
Khuriya Murmu	Bhuku Murmu	Sukna	Md.Bazar										0.56	4.68		
Dulouro Soren	Babulal Soren	Choukisal	Md.Bazar										0.33	2.8		
Basai Hembram	Kalu Hembram	Joypur	Md.Bazar										0.26	2.1		
Shuk bali Besra	Lakkhiram Besra	Alupahari	Md.Bazar										0.33	2.3		
Damu Soren	Gadaram Soren	Beldanga, Chuamal	Md.Bazar										0.26	2.12		
Josef Murmu	Som Murmu	Beldanga, Chuamal	Md.Bazar										0.56	4.2		
Gosai Konra	Ukil Konra	Alupahari	Md.Bazar	8145607657									0.33	2.7		
Rajib Konra	Gosai Konra	Alupahari	Md.Bazar	9734089525									0.33	2.68		
Kajali Konra	Rajib Konra	Alupahari	Md.Bazar										0.56	4.4		
Narayan Hansda	Chandu Hansda	Choukisal	Md.Bazar	7384537212									0.33	2.4		
Sripati Hemram	Jiten Hemram	Muralpur	Md.Bazar	7407091378									0.26	2.1		
Lakhiram Besra	Ram Besra	Alupahari	Md.Bazar										0.56	5.23		
Ram Marandi	Bholanath Marandi	Choukisal	Md.Bazar										0.56	4.8		
Nirmal Murmu	Rameswar Murmu	Muralpur	Md.Bazar										0.33	2.8		
Dactar Hemram	Naren Hemram	Muralpur	Md.Bazar										0.56	4.3		
Subhash Murmu	Amin Murmu	Muralpur	Md.Bazar										0.33	2.41		

Sumitra Hemram	Khakon Hembram	Kadamhir	Md.Ba zar										0.56	4.55		
Maku Soren	Gupil Soren	Kadamhir	Md.Ba zar										0.56	4.52		
Kalidasi Murmu	Som Murmu	Kadamhir	Md.Ba zar										0.26	2.15		
Misuti Soren	Bijoy Soren	Kadamhir	Md.Ba zar										0.33	2.2		
Kalamoni Hemram	Budi Hemram	Kadamhir	Md.Ba zar										0.33	2.3		
Panmoni Hansda	Panggi Hansda	Kadamhir	Md.Ba zar										0.33	2.6		
Saraswati Baski	Lal Baski	Kadamhir	Md.Ba zar										0.56	4.7		
Buri Murmu	Chandraoy Murmu	Kadamhir	Md.Ba zar										0.26	2.12		
Rabi Marandi	Shibu Marandi	Kadamhir	Md.Ba zar										0.33	2.7		
Kalomuni Murmu	Lakshman Murmu	Kadamhir	Md.Ba zar										0.56	4.3		
Remati Marandi	Sitaram Marandi	Kadamhir	Md.Ba zar										0.33	2.3		
Sonamoni Hemram	Jiten Hemram	Kadamhir	Md.Ba zar										0.33	2.75		
Ramoni Hemram	Jalpa Hemram	Kadamhir	Md.Ba zar										0.56	4.6		
Sanadi Hemram	Gopal Hemram	Kadamhir	Md.Ba zar										0.33	2.8		
Basanti Murmu	Lt Sushil Murmu	Kadamhir	Md.Ba zar										0.56	4.5		
Minati ,Murmu	Mistri Murmu	Kadamhir	Md.Ba zar										0.33	2.65		
Radhuni Marandi	Ajit Marandi	Kadamhir	Md.Ba zar										0.33	2.15		
Mamali Marandi	Pargana Marandi	Kadamhir	Md.Ba zar										0.56	4.57		
Badali Soren	Ruplal Soren	Kadamhir	Md.Ba zar										0.33	2.7		
Saraswati Soren	Lt Boyla Soren	Kadamhir	Md.Ba zar										0.33	2.8		

Sukul Murmu	Mangal Murmu	Keundaha	Bolpur, Sriniketan,	8172064993								0.33	3.46		
Mangla Baski	Badala Baski	Keundaha	Bolpur, Sriniketan,	9564749942								0.28	2.95		
Sukal Marari	Lt Lakkhiram Marari	Keundaha	Bolpur, Sriniketan,	7797787476								0.28	2.93		
Sanjit Garain		Khanyerpara	Ahampur, Sainthia	8001414470								0.33	3.5		
Baidyanath Marari	Tumus Marari	Keundaha	Ahampur, Sainthia	9564749942								0.33	3.32		
Lakshi Hansda	Jiten Hansda	Shukna	Md. Bazar	8945021034								0.33	3.47		
Sonamoni Soren	Chunto Soren	Shukna	Md. Bazar	8372826253								0.33	3.15		
Parul Nisha Bibi	Intaj Miya	Shukna	Md. Bazar	7872084085								0.33	1.59		
Rebiya Bibi	Siraj Miya	Shukna	Md. Bazar	9800494259								0.56	5.4		
Skelababu Bibi	Akrim Miya	Shukna	Md. Bazar	9475171802								0.33	2.8		
Sahar Babu Bibi	Inman Miya	Shukna	Md. Bazar	8016985394								0.26	3		
Jamila Bibi	Siraj Miya	Shukna	Md. Bazar	9775794115								0.33	2.82		