

CLUSTER FRONTLINE DEMONSTRATION OF RABI PULSES (2017-18) PERFORMANCE DATA REPORTING

FORMAT KVK WISE

1. **Name of KVK:** Deogarh
3. **Host Institution:** OUAT, Bhubaneswar
5. **District:** Deogarh
7. **Performance of the demonstration:**
- A. **Technical Parameters:**

2. **Year of establishment:** 2006
4. **Address:** Krishi Vigyan Kendra Deogarh, At/PO-Purunagarh
(Near Town High School), Dist.-Deogarh, Odisha, PIN-768119
6. **State:** Odisha

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	Greengram (Var.-IPM 02-14)	Local (Kalamuga)	2.3	4.06	4.8	6.0	High yielding variety IPM 02-14, seed treatment with Vitavax Power (Carboxin + Thiram) @ 2g per 1kg of seed, line sowing (30 cm x 10 cm), basal application organic fertilizer, pre-emergence herbicide Pendimethalin 30 %EC @ 3 lit /ha, application of Metalaxyl + Mancozeb 72%WP @ 1kg/ha for control of leaf blight and release of <i>Trichogramma chilonis</i> with application of Chloropyrifos 35% + Cypermethrin 10% EC @ 1lit/ha and Triazophos 35% EC+ Deltamethrin 1%EC @	50	20	5.08	2.58	3.2	0.86	1.6	2.8

							1lit/ha for control of pod borer								
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B. Economic parameters

Sl. No.	Variety demonstrated & Technology demonstrated	Farmer's Existing plot				Demonstration plot			
		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	High yielding variety IPM 02-14, seed treatment with Vitavax Power (Carboxin + Thiram) @ 2g per 1kg of seed, line sowing (30 cm x 10 cm), basal application organic fertilizer, pre-emergence herbicide Pendimethalin 30 %EC @ 3 lit /ha, application of Metalaxyl + Mancozeb 72%WP @ 1kg/ha for control of leaf blight and release of <i>Trichogramma chilonis</i> with application of Chloropyrifos 35% + Cypermethrin 10% EC @ 1lit/ha and Triazophos 35% EC+ Deltamethrin 1%EC @ 1lit/ha for control of pod borer	11500	13800	2300	1.2	15000	19200	4200	1.28

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	Greengram (Var.-IPM 02-14)	320	(40-50) kg/Household	60.00	50kg	-	Agriculture and household needs	68 MD

D. Farmers' 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	High yielding variety, seed treatment, Integrated Weed Management, Integrated Nutrient Management and Integrated Pest Management	Suitable	IPM 02-14 variety obtaining good yield in some areas Deogarh district	Yes	No	Yes	New released high yielding varieties of greengram should be available to the farmers for improvement

E. Specific Characteristics of Technology and Performance

Specific Characteristic	Performance	Performance of Technology vis-a vis Local Check	Farmers Feedback
High yielding variety	Enhancement of yield	Enhancement of yield against local check	Farmer observed and satisfied with the specific characteristics of the demonstrated technologies upto the flowering stage but during pod formation stage hailstorm severely damaged the crop and reduced the yield.
Seed treatment	Reduce disease incidence	Reduce disease incidence against local check	
Pre-emergence weedicide	Check weed infestation	Reduce weed infestation against local check	
Fertilizer management	Organic manure maintain soil health	Organic manure maintain soil health, enhance the plant growth and yield	
Plant protection measures	Reduce pest and disease incidence	Reduce pest and disease incidence against local check	

F. Extension activities under FLD conducted till dates:

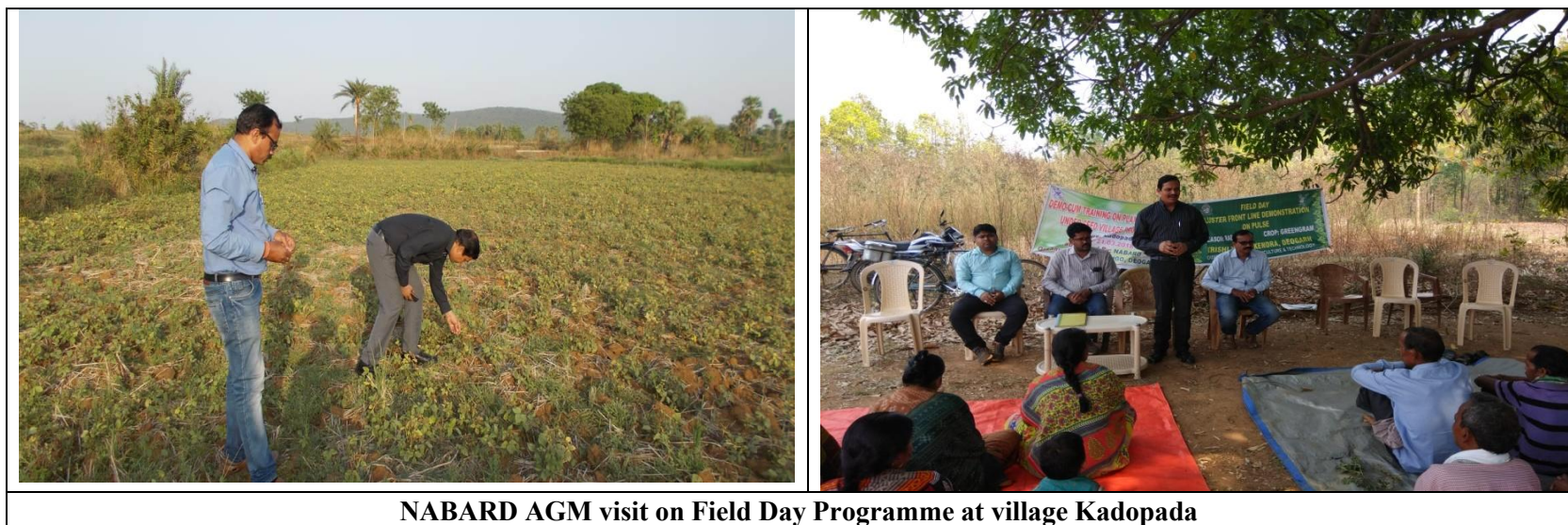
Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Field Day	Kadopada (Dt.21.03.2018)	50

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



9. Farmers' training photographs

10. Quality Photographs of field visits/field days and technology demonstrated.



11. Details of budget utilization

Crop (provide crop wise information)	Items	Budget Received (Rs.)	Budget Utilization (Rs.)	Balance (Rs.)
Greengram	i) Critical input	35,000/-	1,35,000/-	-1,00,000/-
	ii) TA/DA/POL etc. for monitoring	0	15,000/-	-15,000/-
	iii) Extension Activities (Field day)			
	iv) Publication of literature			
Total		35,000/-	1,50,000/-	-1,15,000/-

12. List of Farmer under FLD (Crop wise)

a) Crop1-Greengram

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	Area (ha)	Seed quantity used	Demo. Yield (q/ha)			Yield of local check q/ha	% increase
						Latitude	Longitude							H	L	A		
Dhirendra Sahu	Rasana Sahu	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	High yielding variety IPM 02-14, seed treatment with Vitavax Power (Carboxin + Thiram) @ 2g per 1kg of seed, line sowing (30 cm x 10 cm), basal application organic fertiliz	Greengram (IPM 02-14)	0.4	8kg	5 0 8	3 0 0	4 1 4	2.3	80.00
Debraj Swain	Chandra Swain	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	5 0 8	3 0 0	4 6 6	2.3	100.00
Pratap Sahu	Tirthabasi Sahu	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	5 0 8	3 0 0	4 6 5	2.3	102.17
Madan Mohan Pradhan	Parmeswar Pradhan	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	5 0 8	3 0 0	4 1 2	2.3	79.13
Bhaktabandhu Dehury	Rabi Dehury	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	5 0 8	3 0 0	5 0 8	2.3	120.87
Iswar Ch Swain	Gangadhar	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha		Greengram	0.4	8kg	5 .	3 .	4 .	2.3	76.52

	Swain								K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	er, pre-emergence	(IPM 02-14)			0 8	0	0 6		
Govinda Ch Swain	Gangadhar Swain	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	herbicide Pendimethalin 30 %EC	Greengram (IPM 02-14)	0.4	8kg	5 · 0 8	3 · 0	4 · 1 2	2.3	79.1 3
Biren Samal	Pandab Samal	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	@ 3 lit /ha, application of Metala	Greengram (IPM 02-14)	0.4	8kg	5 · 0 8	3 · 0	4 · 2	2.3	82.6 1
Judhisthir Samal	Pandab Samal	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	xyl + Mancozeb 72%WP @ 1kg/ha	Greengram (IPM 02-14)	0.4	8kg	5 · 0 8	3 · 0	3	2.3	30.4 3
Surendra Thakur	Dhaneswar Thakur	Kundapitha	Barkote			21° 28'49.23"	84°50' 47.29"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	for control of leaf blight and	Greengram (IPM 02-14)	0.4	8kg	5 · 0 8	3 · 0	4 · 4 8	2.3	94.7 8
Bimbadhar Sula	Saranga Sula	Kadapada	Reamal			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	release of <i>Trichogramma</i> <i>chilonis</i> with	Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 1 4	2.3	36.5 2
Ganesh Sahu	Ratnakar Sahu	Kadapada	Reamal			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	application of Chloropyrifos 35%	Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 2 6	2.3	41.7 4
Abani	Nirakar	Kadapa	Ream			21°	84°38'	Yes	N-25kg/ha		Greeng	0.4	8kg	3	2	2	2.3	23.4

Dehury	Dehury	da	al			28'34.45"	45.51"		P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha	+ Cyper methri n 10% EC @ 1lit/ha and Triazo phos 35% EC+ Delta methri n 1%EC @ 1lit/ha for contro l of pod borer	ram (IPM 02-14)			. 2 8	. 5 8	. 8 4		8
Nakhend ha Dehury	Sukadev Dehury	Kadopa da	Ream al			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 .2 8	2 .5 8	2 .9 6	2.3	28.7 0
Bijaya Kumar Pradhan	Gourang a Pradhan	Kadopa da	Ream al			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 .2 8	2 .5 8	3 .1 8	2.3	38.2 6
Rutu Luha	Bhrusha b Luha	Kadopa da	Ream al			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 .2 8	2 .5 8	3 .0 4	2.3	32.1 7
Balmiki Pradhan	Abhima nyu Pradhan	Kadopa da	Ream al			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 .2 8	2 .5 8	3 .2 8	2.3	42.6 1
Dayanidh i Pradhan	Hemasa gar Pradhan	Kadopa da	Ream al			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 .2 8	2 .5 8	3 .1 8	2.3	38.2 6
Pradeep Pradhan	Chumba k Pradhan	Kadopa da	Ream al			21° 28'34.45"	84°38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 .2 8	2 .5 8	2 .8 6	2.3	24.3 5

Chandra mani Pradhan	Antarya mi Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3	2.3	30.4 3
Anadi Pradhan	Labodar Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 8 2	2.3	22.6 1
Dharani Behera	Birabar Behera	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 1 2	2.3	35.6 5
Bishnu Kumura	Huguru Kumura	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 5 8	2.3	12.1 7
Indraman i Behera	Birabar Behera	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 6 8	2.3	16.5 2
Govind Dehury	Nabin Dehury	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 1 6	2.3	37.3 9
Mishra Dehury	Dukhu Dehury	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 -		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 4	2.3	47.8 3

									25kg/ha									
Bairagi Pradhan	Khageswar Pradhan	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 2	2.3	39.1 3
Sujit Ku Pradhan	Debananda Pradhan	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 1	2.3	34.7 8
Pabitra Pradhan	Purnachandra Pradhan	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 6 2	2.3	13.9 1
Dula Dharei	Hadi Dharei	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 6	2.3	13.0 4
Akshya Pradhan	Goutam Pradhan	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 6 8	2.3	16.5 2
Ramaknata Shula	Saranga Shula	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 2 4	2.3	40.8 7
Narayan Pradhan	Jagannath Pradhan	Kadopada	Reamal			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha		Greengram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 2 2	2.3	40.0 0

									Zn SO4 - 25kg/ha									
Pramod Pradhan	Trilocha n Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 6	2.3	13.0 4
Arabinda Pradhan	Lingaraj Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 7 4	2.3	19.1 3
Arun Pradhan	Lingaraj Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 1	2.3	34.7 8
Sagar Dharei	Jatra Dharei	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	3 · 2	2.3	39.1 3
Binod Pradhan	Gadadh ar Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 8 6	2.3	24.3 5
Prahalad Pradhan	Labani Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 · 2 8	2 · 5 8	2 · 6 4	2.3	14.7 8
Suresh Pradhan	Benudh ar Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha		Greeng ram (IPM	0.4	8kg	3 · 2	2 · 5	3 · 3	2.3	43.4 8

									S-20kg/ha Zn SO4 - 25kg/ha		02-14)			8	8			
Souren Pradhan	Benudh ar Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 . 2 8	2 . 5 8	3	2.3	30.4 3
Bijuli Pradhan	Dambar udhar Sahu	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 . 2 8	2 . 5 8	2 . 8 2	2.3	22.6 1
Tulasi Pradhan	Satyaba di Sahu	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 . 2 8	2 . 5 8	2 . 5 2	2.3	9.57
Nayana Pradhan	Braja Sahu	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 . 2 8	2 . 5 8	2 . 6 6	2.3	15.6 5
Gitanjali Pradhan	Lingaraj Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 . 2 8	2 . 5 8	3	2.3	30.4 3
Khulana Pradhan	Umakan ta Sahu	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 . 2 8	2 . 5 8	3 . 0 2	2.3	31.3 0
Manjulata	Cheru Gadatia	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha		Greeng ram	0.4	8kg	3 .	2 .	2 .	2.3	13.9 1

Kumura									K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		(IPM 02-14)			2 8	5 8	6 2		
Golap Behera	Tankadh ar Behera	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 2 8	2 5 8	2 6 6	2.3	15.6 5
Lili Pradhan	Bhola Sahu	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 2 8	2 5 8	2 7	2.3	17.3 9
Ahalya Pradhan	Bhagaba tia Pradhan	Kadopa da	Ream al			21 ⁰ 28'34.45"	84 ⁰ 38' 45.51"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO4 - 25kg/ha		Greeng ram (IPM 02-14)	0.4	8kg	3 2 8	2 5 8	2 9 5	2.3	28.2 6

Sd/-
Senior Scientist & Head
KVK, Deogarh