CLUSTER FRONTLINE DEMONSTRATION OF KHARIF PULSES (2017-18) PERFORMANCE DATA REPORTING FORMAT KVK WISE

1. **Name of KVK:** Deogarh
2. **Year of establishment:** 2006
3. **Host Institution:** OUAT, Bhubaneswar
4. **Address:** Krishi Vigyan Kendra Deogarh, At/PO-Purunagarh (Near Town High School), Dist.-Deogarh, Odisha, PIN-768119
5. **District:** Deogarh
6. **State:** Odisha
7. **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	Pigeonpea (ICPL-87119)	Local	8.6	7.0	8.96	14.5	Variety : ASHA (ICPL-87119), Seed treatment with Vitavax (carboxin+thiram) @ 2g per 1kg of seed, line sowing in spacing 75 cm X 30 cm., basal application organic fertilizer, application of preemergence herbicide Pendimethalin 30 %EC @3 lit /ha, application of Metalaxyl mancozeb 72%WP @ 1kg/ha for control of leaf blight and release of Trichogramma chilonis with need based application of Chloropyrifos 35% + Cypermethrin 10% EC @	50	20	15.2	7.9	12.2	5.2	3.24	2.3

							1lit/ha and Triazophos 35% EC+ Deltamethrin 1%EC @ 1lit/ha for control of pod borer.								

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	Variety : ASHA (ICPL-87119), Seed treatment with Vitavax (carboxin+thiram) @ 2g per 1kg of seed, line sowing in spacing 75 cm X 30 cm., basal application organic fertilizer, application of preemergence herbicide Pendimethalin 30 %EC @3 lit /ha, application of Metalaxyl mancozeb 72%WP @ 1kg/ha for control of leaf blight and release of *Trichogramma chilonis* with need based application of Chloropyrifos 35% + Cypermethrin 10% EC	22000	43000	21000	1.95	26500	71000	44500	2.68

	@ 1lit/ha and Triazophos 35% EC+ Deltamethrin 1%EC @ 1lit/ha for control of pod								

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	Pigeonpea (ASHA-ICPL-87119)	1220	(30-40) kg/Household	50.00	40kg	-	Agriculture and household needs	95 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	Suitable	ASHA variety obtaining good yield in climate Deogarh district	Yes	No	Yes	New released high yielding varieties of pigeonpea should be available to the farmers for improvement

	Pest Management						

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 assessed specific characteristics of the demonstrated technologies and will adopt the technologies in coming year for crop production
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	Village-Majhipali (dt.28.12.2017)	30

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.

Field Day Programme

11. Details of budget utilization

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

12. List of Farmer under FLD (Crop wise)

a) Crop1-Pigeonpea

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	Yes						H	L	A		
Sanjam Keshari Patra	Dileswar Patra	Majhipalli	Tileibani	9439038567		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha	Variety : ASHA (ICPL-87119), Seed treatment with	Asha (ICPL-87119)	0.4	8kg	15.2	8.68	14.82	8.6	72.33
Swadhin Ku. Patra	Harish Ch. Patra	Majhipalli	Tileibani	9777849548		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	15.2	8.6	76.74

Mohan Sahu	Lokanath Sahu	Majhipalli	Tileibani	7326984064		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha	Vitavax (carboxin+thiram) @ 2g per 1kg of seed, line sowing in spacing 75 cm X 30 cm., basal application organic fertilizer, application of preemergence herbicide Pendimethalin 30 %EC @3 lit	Asha (ICPL-87119)	0.4	8kg	15.2	8.68	13.85	8.6	61.05
Jenamani Sahu	Mulia Sahu	Majhipalli	Tileibani	9668449171		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	14.64	8.6	70.23
Jibardhan Nayak	Manglu Nayak	Majhipalli	Tileibani	7609803762		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	8.85	8.6	2.91
Dharanidhar Nayak	Panjia Nayak	Majhipalli	Tileibani			$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	12.64	8.6	46.98
Narayan Patra	Duryodhan Patra	Majhipalli	Tileibani	8018460719		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	13.82	8.6	60.70
Minaketan Nayak	Dibakar Nayak	Majhipalli	Tileibani	7077439200		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	14.8	8.6	72.09
Ashok Kumar	Kishor Ch.	Majhipalli	Tileibani	9178490203		$21^0$26'13.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha		Asha (ICPL-	0.4	8kg	15	8.	11	8.6	32.09

Nayak	Patra								K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha	/ha, application of Metal axyl manc ozeb 72% WP @ 1kg/ha for control of leaf blight and release of *Trich ogra mma chilon is* with need based application of Chlor opyrif os 35 % + Cyper methr in 10	87119)			.2	68	.36		
Santosh Patra	Sudarsh an Patra	Majhip alli	Tileib ani	993861 1560		$21^0$26'1 3.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	10.84	8.6	26.05
Bisikesh an Nayak	Indram ani Nayak	Majhip alli	Tileib ani	828043 8691		$21^0$26'1 3.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	12.5	8.6	45.35
Iswar Nayak	Rabindr a Nayak	Majhip alli	Tileib ani	966822 3854		$21^0$26'1 3.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	8.68	8.6	0.93
Baidyan ath Patra	Ghanas hyam Patra	Majhip alli	Tileib ani			$21^0$26'1 3.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	9.5	8.6	10.47
Amulya Bagarti	Sudam Bagarti	Majhip alli	Tileib ani			$21^0$26'1 3.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	14.2	8.6	65.12
Akshya Ku. Patra	Duryod han Patra	Majhip alli	Tileib ani			$21^0$26'1 3.58"	84^0 31'33.60"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha		Asha (ICPL-87119)	0.4	8kg	15.2	8.68	12.6	8.6	46.74

									Zn SO_4 - 15kg/ha	% EC @ 1lit/ha and Triazophos 35% EC+ Deltamethrin 1%EC @ 1lit/ha for control of pod borer.						2		
Dukhabandhu Pradhan	Hemasagar Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.68	8.6	47.44
Bishnu Pradhan	Abhimanyu Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	13.62	8.6	58.37
Santosh Pradhan	Benudhar Pradhan	Kadopada	Reamal	9178111791		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.5	8.6	45.35
Baibitan Pradhan	Tankadhar Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.78	8.6	48.60
Prahallad Pradhan	Labani Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	11.85	8.6	37.79
Antaryami Kumura	Bichandra Kumura	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 14.8515kg/		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.8	8.6	48.84

									ha									
Pratap Pradhan	Labani	Kadopada	Reamal	9777132313		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	14.85	8.6	72.67
Anil Pradhan	Niranjan Pradhan	Kadopada	Reamal	8456876171		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	13.24	8.6	53.95
Narahari Pradhan	Chakradhara Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	14.58	8.6	69.53
Bhikari Pradhan	Uttam Pradhan	Kadopada	Reamal	8895090162		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	8.46	8.6	-1.63
Ganeswar Sahu	Ratnakar Sahu	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	11.28	8.6	31.16
Subala Pradhan	Ugrasena Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	10.52	8.6	22.33

Bijuli Sahu	Punia Sahu	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	13.8	8.6	60.47
Daitari Pradhan	Banamali Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	8.44	8.6	-1.86
Balminki Pradhan	Abhimanyu Pradhan	Kadopada	Reamal	9178834077		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.84	8.6	49.30
Kishori Pradhan	Darpani Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	14.66	8.6	70.47
Rasananda Pradhan	Banamali Pradhan	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.0	8.6	39.53
Nandakishore Dharai	Hadi Dharai	Kadopada	Reamal	7328896880		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	11.46	8.6	33.26
Binod Sahu	Ratnakar Sahu	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha		Asha (ICPL-	0.4	8kg	14	8.	9.	8.6	7.44

									K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		87119)			.85	44	24		
Ramesh Behera	Ananta Behera	Kadopada	Reamal	9437708654		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.84	8.6	49.30
Jatindra Pradhan	Antaryami Pradhan	Kadopada	Reamal	8018269367		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	14.6	8.6	69.77
Ranjit Pradhan	Debananda Pradhan	Kadopada	Reamal	8658099418		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	10.62	8.6	23.49
Madhu Luha	Bhrushava Luha	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	11.58	8.6	34.65
Sthabira Dehury	Hara Dehury	Kadopada	Reamal	9437552606		$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.85	8.44	12.85	8.6	49.42
Ganesh Nayak	Nirakara Nayak	Kadopada	Reamal			$21^0$28'17.46"	$84^0$31'42.56"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha		Asha (ICPL-87119)	0.4	8kg	14.8	8.44	14.8	8.6	72.56

									Zn SO_4 - 15kg/ha					5		4		
Vinunt Minz	Patras Minz	Bangall imunda	Tileib ani			$21^0$32'1 9.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	12.24	8.6	42.33
Rabert Minz	Touphil Minz	Bangall imunda	Tileib ani			$21^0$32'1 9.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	11.58	8.6	34.65
Peter Minj	Kamel Minj	Bangall imunda	Tileib ani	8018742650		$21^0$32'1 9.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	14.88	8.6	73.02
Meri Toppo	Johan Toppo	Bangall imunda	Tileib ani			$21^0$32'1 9.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	8.65	8.6	0.58
Paulus Ekka	Hajari Ekka	Bangall imunda	Tileib ani			$21^0$32'1 9.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	7.9	8.6	-8.14
Sibria Tirkei	w/o-Peter Tirkey	Bangall imunda	Tileib ani			$21^0$32'1 9.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	10.26	8.6	19.30

Muta Kindo	Jaura Kindo	Bangalimunda	Tileibani			$21^0$32'19.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	12.68	8.6	47.44
Isdar Toppo	Markus Toppo	Bangalimunda	Tileibani			$21^0$32'19.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	9.46	8.6	10.00
Chotte Ekka	w/o-Loya Lakra	Bangalimunda	Tileibani			$21^0$32'19.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	13.25	8.6	54.07
Pyara Lakra	William Lakra	Bangalimunda	Tileibani			$21^0$32'19.27"	84^0 42'47.46"	Yes	N-25kg/ha P-50kg/ha K-25kg/ha S-20kg/ha Zn SO_4 - 15kg/ha		Asha (ICPL-87119)	0.4	8kg	14.88	7.9	11.85	8.6	37.79

Sd/-
Senior Scientist & Head
KVK, Deogarh