



Results of FLD on Oilseed and Pulse Crops 2007-08



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Programme Coordinator

KRISHI VIGYAN KENDRA, TIKAMGARH

Soybean

Variety	Season	Area (ha)	No. of Farmers	Village (s)
JS-93-05	Kharif	05	12	Judawan

Problems	Low Yield
Farmer's practice	Imbalance use of fertilizer(9:23:0 NPK kg/ha) Indiscriminate use of weedicide and insecticide
Intervention	Crop management practices.
Technology demonstrated	<ol style="list-style-type: none">1. Spray of imazathyphypyr @ 100ml/ha at15-20 DAS + 1 HW at 40-45 DAS2. 20:60:20:30 NPKS kg/ha+ Rhizo+ PSB @ 20g/Kg Seed3. Summer deep ploughing+2Spray of Trizophos@ 1000ml/ha+ Bird percher @ 50 per ha
Source of the technology & Year	JNKVV-2000

Farming Situation

Farming Situation	Rain fed	Soil Type	Clay loam
Seasonal Rainfall (mm)	317mm 68.33% less than average	No. of Rainy Days	16

Results of Soil Testing Analysis

N	P	K	EC	pH	OC
Medium	Low	High	-	-	-

Detail of critical input supplied

Critical Inputs provided by KVK	Seed JS – 93-05 :75Kg/ha Rhizobium :2 Pkts PSB :2 Pkts
Critical Inputs used by Farmer	DAP :100Kg SSP :100 kg MOP :30kg Imezathypyr :1 lit. Tryzophos :2 lt.

Results

Av. Yield (q/ha)						Increase in yield (%)	District Productivity (q/ha)*	State Productivity (q/ha)*
Demonstration			Local Check					
Max	Min	Avg	Max	Min	Avg			
15.00	12.00	13.29	10.00	5.50	6.79	95.72	8.97	10.51

M.P. Agri statistics 2005-06, Directorate of agriculture, M.P., Bhopal

Results on Other Parameters

Name of the parameter	Unit of measurement	Data on Parameter		Remark
		Under FLD	Under LC	
No of pods	Per plant	60	40	
No of grain	Per plant	130	90	
Test weight	gms	140	95	

Cost Particulars

Cost of Critical Inputs (Rs/ha)		Total Cost of production (Rs/ha)		Net Return (Rs/ha)		BC Ratio*		Additional Cost (Rs/ha)	Additional Yield (kg/ha)
Demo	LC	Demo	LC	Demo	LC	Demo	LC		
5516	2680	10000	7000	13922	5222	2.39	1.74	3000	363

Farmers' Reaction

There is need extra early variety which is suited for present rainfall pattern.

Details of extension activities

Name	Date (s)	No. of Activity	No. of Participants
Training of extension personnel			
Training of farmers	10.6.07, 24.6.07,26.7.07	3	76
Field Day	21.9.07	1	49
Farmers Meeting	-	-	-
TV Programme/ Radio talk	June 07	1	Mass
Others			

Expenditure Statement

Head	Sanctioned	Fund Utilization	Balance
Critical Input	10500	9984	516
Extension activities	1500	1200	300
POL/TA/DA etc.	1500	1245	255
Total-	13500	12439	1071

FLD Soybean 2007-08



JS 93-05



Spray of Weedicide



View of Excellent crop of Soybean

Impact of previous year's FLDs Conducted by the KVK

Crop	Soybean
Season	Kharif
Year	2006-07
Intervention	<ol style="list-style-type: none"> 1. Weed management 2. Integrated Nutrient management 3. Integrated pest management
Detail of technology demonstrated	<ol style="list-style-type: none"> 1. Spray of imazathyphypyr @ 100ml/ha at15-20 DAS + 1 HW at 40-45 DAS 2. 20:60:20:30 NPKS kg/ha+ Rhizo+ PSB @ 20 g/Kg Seed 3. Summer deep ploughing+2Spray of Trizophos @ 1000ml/ha+ Bird percher @ 50 per ha
Details of popularization methods suggested to the Extension system	<p>Training, Field day, Field visit Publication of Folders</p>

Horizontal Spread of the technology

No. of farmers	2500
No. of village	30
Area in ha	21500

Blackgram

Variety	Season	Area (ha)	No. of Farmers	Village (s)
LBG 20	Kharif	05	12	Judawan Brijpura

Problems	Low Yield heavy incidence of YVM
farmer's practice	Local Varieties highly susceptible for YVM
Intervention	Varietals replacement
Technology demonstrated	LBG-20
Source of the technology & Year	PAU - 1982
Characteristics of the variety	Yellow Vein Mosaic resistant
Source and Year of release	PAU 1982

Farming Situation

Farming Situation	Rainfed	Soil Type	Sandy loam
Seasonal Rainfall (mm)	317 mm (68.33% less than Average)	No. of Rainy Days	16

Results of Soil Testing Analysis

N	P	K	EC	pH	OC
Medium	Low	High	-	-	-

Detail of critical input supplied

Critical Inputs provided by KVK	Seed LBG 20 : 25 kg Tricoderma Virde : 100 g Metasystox : 1 lit
Critical Inputs used by Farmer	DAP : 100 kg MOP : 30 kg

Results

Av. Yield (q/ha)						Increase in yield (%)	District Productivity (q/ha)*	State Productivity (q/ha)*
Demonstration			Local Check					
Max	Min	Avg	Max	Min	Avg			
10.00	6.50	7.99	4.00	2.75	3.45	131.59	4.52	3.53

M.P. Agri statistics 2005-06, Directorate of agriculture, M.P., Bhopal

Results on Other Parameters

Name of the parameter	Unit of measurement	Data on Parameter		Remark
		Under FLD	Under LC	
No of pods	Per plant	57	28	-
No of grain	Per pod	08	06	-
Test weight	gms	44	36	-

Economic Analysis

Cost of Critical Inputs (Rs/ha)		Total Cost of production (Rs/ha)		Net Return (Rs/ha)		BC Ratio*		Additional Cost (Rs/ha)	Additional Yield (kg/ha)
Demo	LC	Demo	LC	Demo	LC	Demo	LC		
2841	1130	8500	5500	7480	1400	1.88	1.25	3000	454

Farmers' Reaction

Farmer Convinced the yellow view resistance Variety.

Details of extension activities

Name	Date (s)	No. of Activity	No. of Participants
Training of extension personnel			
Training of farmers	25.05.07, 09.06.07, 02.07.07	3	72
Field Day	02.09.07	1	51
Farmers Meeting	-	-	-
TV Programme/ Radio talk	-	-	-
Others	-	-	-

Expenditure Statement

Head	Sanctioned	Fund Utilization	Balance
Critical Input	9190	8400	790
Extension activities	1315	1250	65
POL/TA/DA etc.	1965	2025	-60
Total-	12470	11675	795

FLD Blackgram 2007-08



LBG - 20



Crop View



Farmer – Scientist Interaction



Winnowing

Impact of previous year's FLDs Conducted by the KVK

Crop	Blackgram
Season	Kharif
Year	2006-07
Intervention	Replacement of Variety
Detail of technology demonstrated	Yellow vein mosaic Resistance Variety Pant U 19
Details of popularization methods suggested to the Extension system	Training, Demonstration, seed supply
Horizontal Spread of the technology	
No. of farmers	600
No. of village	80
Area in ha	40000

Mustard

Variety	Season	Area (ha)	No. of Farmers	Village (s)
Pusa jai Kisan	Rabi	05	12	Judawan Bamhori

Problem	Low Yield
Farmer's practice	Old variety (Pusa bold) 40:20:0:0 NPKS kg/ha, indiscriminate use of insecticide.
Intervention	Crop management Practices.
Technology demonstrated	Pusa Jai Kisan, 80:40:20:30 NPKS kg/ha+ Azoto + PSB @ 20g./kg seed, Imidachloroprid @ 5 ml/15 hl of water
Source of the technology & Year	JNKVV - 2000

Farming Situation

Farming Situation	Irrigated	Soil Type	Clay loam		
Seasonal Rainfall (mm)	-	No. of Rainy Days	-		
Results of Soil Testing Analysis					
N	P	K	EC	pH	OC
Medium	Low	High	-	-	-

Detail of critical input supplied

Critical Inputs provided by KVK	Seed Pusa jai Kisan	: 5 kg
	Sulphur	: 30 kg
	Imidachloroprid	: 1 lit.
Critical Inputs used by Farmer	DAP	: 86 kg
	Urea	: 95 kg.
	MOP	: 30 kg.
	Azot	:1 Pkt
	PSB	: 1 PKt

Results

Av. Yield (q/ha)						Increase in yield (%)	District Productivity (q/ha)*	State Productivity (q/ha)*
Demonstration			Local Check					
Max	Min	Avg	Max	Min	Avg			
19.00	16.00	17.00	10.50	8.00	9.66	88	4.00	10.48

M.P. Agri statistics 2005-06, Directorate of agriculture, M.P., Bhopal

Results on Other Parameters

Name of the parameter	Unit of measurement	Data on Parameter		Remark
		Under FLD	Under LC	
No of siliguae	Per plant	147	110	-
No of grain	Per siliquae	16	10	-
Test weight	gms	4.00	3.00	-

Economic Analysis

Cost of Critical Inputs (Rs/ha)		Total Cost of production (Rs/ha)		Net Return (Rs/ha)		BC Ratio*		Additional Cost (Rs/ha)	Additional Yield (kg/ha)
Demo	LC	Demo	LC	Demo	LC	Demo	LC		
3204	1482	9500	5500	33000	17625	3.47	3.20	4000	734

Farmers' Reaction

Former Convinced with the technology demonstrated but need suitable sowing implement due to small size of seed.

Details of extension activities

Name	Date (s)	No. of Activity	No. of Participants
Training of extension personnel			
Training of farmers	08.09.07	1	79
Field Day	07.01.08	1	61
Farmers Meeting	-	-	-
TV Programme/ Radio talk	-	-	-
Others	-	-	-

Expenditure Statement

Head	Sanctioned	Fund Utilization	Balance
Critical Input	8750	7868	882
Extension activities	1250	1225	25
POL/TA/DA etc.	1250	1220	30
Total-	11250	10313	937

Pusa Jai Kisan



Podding Stage



Impact of previous year's FLDs Conducted by the KVK

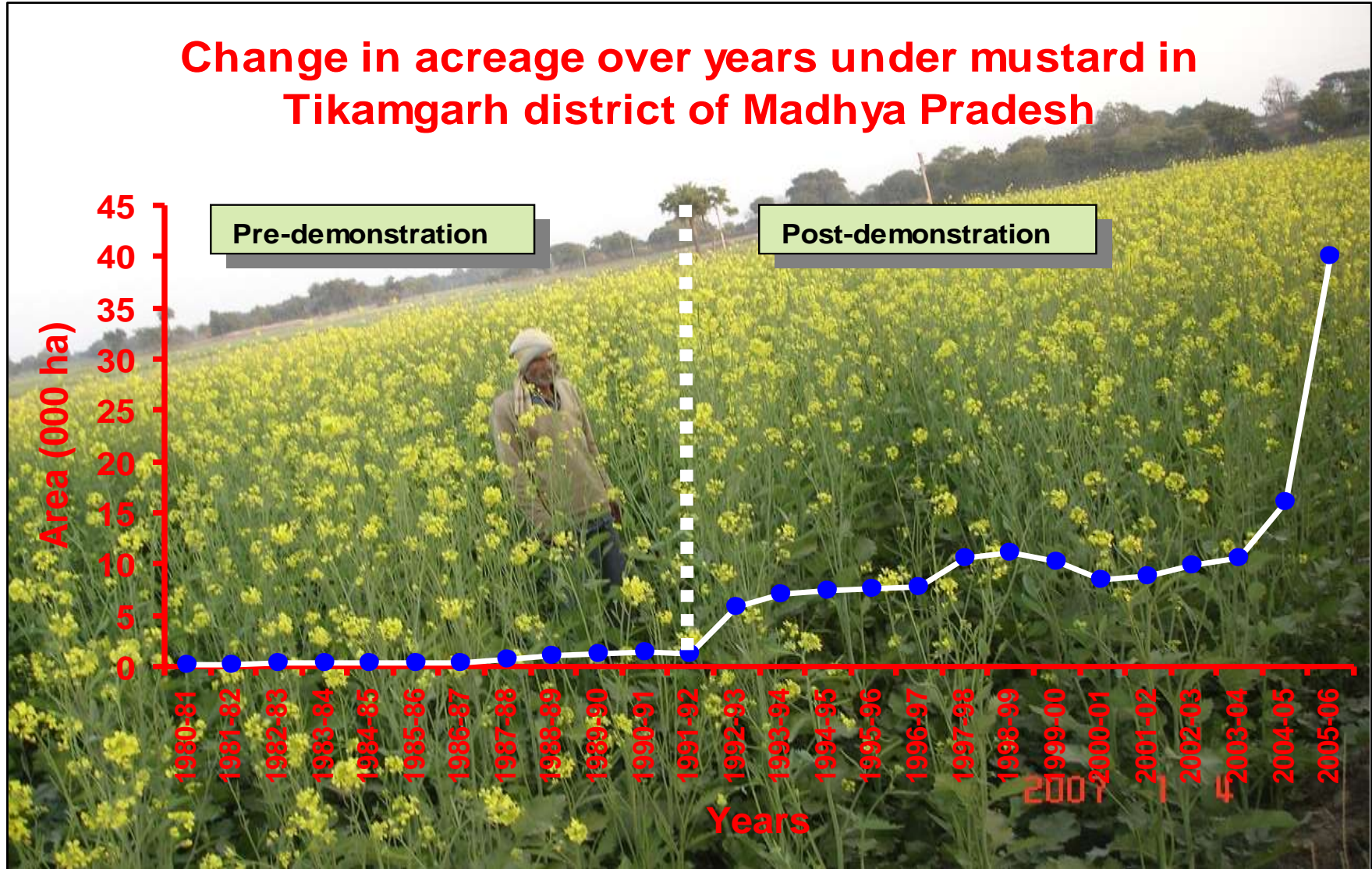
Crop	Mustard
Season	Rabi
Year	2006-07
Intervention	Integrated crop management
Detail of technology demonstrated	80:40:20:30 NPKS kg/ha + Azoto + PSB @ 20g/ kg seed 2 spray of Imidachloroprid @ 5 ml./15 lit of water
Details of popularization methods suggested to the Extension system	Training, Demonstration, Field day, <i>Kisan Gosti</i> , publication of folder

Horizontal Spread of the technology

No. of farmers	800
No. of village	80
Area in ha	7000

Large Scale Adoption of Mustard

Change in acreage over years under mustard in Tikamgarh district of Madhya Pradesh



KRISHI VIGYAN KENDRA, TIKAMGARH

Gram

Variety	Season	Area (ha)	No. of Farmers	Village (s)
JG- 11	Rabi	05	12	Judawan

Problems	Low Yield
Farmer's practice	Local Varieties (Type 1) Indiscriminate use of insecticide.
Intervention	Variety + IPM
Technology demonstrated	JG -11, Foreman trap +Bird Percher @ 50/ha + Quanalphos 25 EC @ 3 ml/ lit of water.
Source of the technology & Year	JNKVV - 2000
Characteristics of the variety	High Yielding Variety
Source and Year of release	JNKVV - 2000

Farming Situation

Farming Situation	Irrigated		Soil Type	Clay	
Seasonal Rainfall (mm)			No. of Rainy Days		
Results of Soil Testing Analysis					
N	P	K	EC	pH	OC
Medium	Low	High	-	-	-

Detail of critical input supplied

Critical Inputs provided by KVK	Seed JG- 11	: 75 kg
Critical Inputs used by Farmer	DAP	: 100 kg
	SSP	: 100kg
	MOP	: 30kg
	Rhizo	: 2 Pkt
	PSB	: 2 Pkt
	Quinalphas	: 2 lit

Results

Av. Yield (q/ha)						Increase in yield (%)	District Productivity (q/ha)*	State Productivity (q/ha)*
Demonstration			Local Check					
Max	Min	Avg	Max	Min	Avg			
23.00	17.00	20.00	14.00	10.00	11.83	69.06	9.16	9.27

M.P. Agri statistics 2005-06, Directorate of agriculture, M.P., Bhopal

Results on Other Parameters

Name of the parameter	Unit of measurement	Data on Parameter		Remark
		Under FLD	Under LC	
No of Pods	Per plant	59	39	-
No of seeds	Per plant	89	50	-
Test weight	gms	160	148	-

Cost Particulars

Cost of Critical Inputs (Rs/ha)		Total Cost of production (Rs/ha)		Net Return (Rs/ha)		BC Ratio*		Additional Cost (Rs/ha)	Additional Yield (kg/ha)
Demo	LC	Demo	LC	Demo	LC	Demo	LC		
4383	3150	10500	7340	33500	18686	4.19	3.54	3160	812

Farmers' Reaction

Former Convince with variety and control measures of catter piller.

Details of extension activities

Name	Date (s)	No. of Activity	No. of Participants
Training of extension personnel			
Training of farmers	12.9.07, 25.10.07	2	42
Field Day	12.12.07	1	68
Farmers Meeting	-	-	-
TV Programme/ Radio talk	-	-	-
Others	-	-	-

Expenditure Statement

Head	Sanctioned	Fund Utilization	Balance
Critical Input	10940	10940	0
Extension activities	1565	1444	121
POL/TA/DA etc.	2340	2120	220
Total-	14845	14504	341

FLD Gram 2007-08



Seed Treatment



Vegetative Stage of Crop



Bird Percher



Mature Crop

Impact of previous year's FLDs Conducted by the KVK

Crop	Gram
Season	Rabi
Year	2006-07
Intervention	Variety + IPM
Detail of technology demonstrated	JG - 11 Foramen trap+ Bird Percher @ 50/ha + one spray of quanalphos @ 2 ml/lit. of water
Details of popularization methods suggested to the Extension system	Training, Demonstration, field days

Horizontal Spread of the technology

No. of farmers	1100
No. of village	50
Area in ha	2000



Action Plan for FLD on Oilseed and Pulse Crops 2008-09



KRISHI VIGYAN KENDRA, TIKAMGARH

Soybean

Village	Judawan, Brijpura, Bhamhori
Season & Year	Kharif 2008-09
Irrigation availability	Rainfed
Soil Type	Clay loam
Problem Identified	Low yield
Area affected (ha or %)	75%
Farmers Practice	Broadcasting method, JS-335,9:23:0 NPK Kg/ha Indiscriminate use of insecticide
Technology selected	INM + IPM
Detail of the technology	<ol style="list-style-type: none"> 1. Line sowing 2. 20:60:20:30 NPKS kg/ha+ Rhizo+ PSB @ 20 g/Kg Seed 3. Summer deep ploughing+ Light Trap + Spray of Trizophos@ 1000ml/ha+ Bird percher @ 50 per ha
Source & Year of Techno.	JNKVV- 2000
Variety Proposed	JS-93-05
Characteristics of the variety	Early maturing high yields variety
Source & Year of release of the variety	JNKVV-2001

Area Proposed (ha)	05
No. of Demos	12
Critical Inputs by the Farmers	Fertilizer – DAP MOP Sulphur Insecticide
Critical Inputs by the KVK	Seed Bio fertilizer (Rhizo + PSB)
Cost of These Inputs (Rs/ha)	5500
Proposed Extension Activities under FLD	Farmer Training :2 Extension worker training :1 Field day :1
Fund required head wise	Crop inputs : 10500 Extortion activities : 1500 TA/DA/PDL/etc. : 1500

Blackgram

Village	Judawan, Brijpura, Bhamhori
Season & Year	Kharif 2008-09
Irrigation availability	Rainfed
Soil Type	Sandy loam
Problem Identified	Low yield due to imbalance use of fertilizer and local variety
Area affected (ha or %)	80%
Farmers Practice	Local variety (T 9), 4:11:0 NPK kg/ha , No weed management
Technology selected	Variety, Integrated Nutrient Management, Weed control practice
Detail of the technology	JU-86 20:60:20:25 NPKS kg./ha.+ Rhizo+ PSB@ 10g/kg seed 1 hand weeding at 20-25 DAS
Source & Year of Techno.	JNKVV- 2000
Variety Proposed	JU-86
Characteristics of the variety	Yellow vein mosaic resistant
Source & Year of release of the variety	JNKVV-2004

Area Proposed (ha)	05
No. of Demos	12
Critical Inputs by the Farmers	Fertilizer – DAP MOP Sulphur
Critical Inputs by the KVK	Seed Bio fertilizer (Rhizo + PSB)
Cost of These Inputs (Rs/ha)	2850
Proposed Extension Activities under FLD	Farmer Training :2 Extension worker training :1 Field day :1
Fund required head wise	Crop inputs : 9190 Extortion activities : 1315 TA/DA/PDL/etc. : 1965

Mustard

Village	Judawan, Brijpura, Bamhori
Season & Year	Rabi 2008-09
Irrigation availability	Canal
Soil Type	Sandy loam
Problem Identified	Low yield
Area affected (ha or %)	50%
Farmers Practice	Imbalance and low fertilizer dose 40:20:0:0 NPKS kg/ha Indiscriminate use of insecticide to control of Aphid
Technology selected	Integrated Nutrient Management Plant Protection measures
Detail of the technology	80:40:20:30 NPKS kg/ha + Azoto + PSB @ 20g/ kg seed Imidachloroprid @ 5 ml/15 lit of water
Source & Year of Techno.	JNKVV- 2000
Variety Proposed	Pusa jai Kisan
Characteristics of the variety	High yield
Source & Year of release of the variety	IARI - 2002

Area Proposed (ha)	05
No. of Demos	12
Critical Inputs by the Farmers	Fertilizer – Urea SSP MOP
Critical Inputs by the KVK	Seed Bio fertilizer (Rhizo + PSB) Insecticide
Cost of These Inputs (Rs/ha)	3250
Proposed Extension Activities under FLD	Farmer Training :2 Extension worker training :1 Field day :1
Fund required head wise	Crop inputs : 8750 Extortion activities : 1250 TA/DA/PDL/etc. : 1250

Gram

Village	Judawan, Bamhori
Season & Year	Kharif 2008-09
Irrigation availability	Canal
Soil Type	Clay
Problem Identified	Low yield
Area affected (ha or %)	80%
Farmers Practice	Local Variety + indiscriminate use use of insecticide
Technology selected	Varietal replacement +IPM
Detail of the technology	JG-130 Seed treatment by Tricoderma viride @ 5g/kg seed + Deep ploughing + Feromone trap + Bird percher @ 50 / ha + Spray of quanalphos @ 2ml/ lit of water.
Source & Year of Techno.	JNKVV- 2000
Variety Proposed	JG- 130
Characteristics of the variety	High yielding
Source & Year of release of the variety	JNKVV 2000

Area Proposed (ha)	05
No. of Demos	12
Critical Inputs by the Farmers	Insecticide
Critical Inputs by the KVK	Seed
Cost of These Inputs (Rs/ha)	4380
Proposed Extension Activities under FLD	Farmer Training :2 Extension worker training :1 Field day :1
Fund required head wise	Crop inputs : 10940 Extortion activities : 1565 TA/DA/PDL/etc. : 2340

Detail of Land Available with KVK

Total Land (ha)	Land Under Infrastructure (ha)	Land Under Demo Units (ha)
20	2	18

Land Use Plan for Instructional Farm (2008-09)

Crop Production

Particular	Variety	Area (ha)	Targeted Production (kg/No.)	Type of Produce (Grains/Seeds/Saplings/Seedlings)	No. of Farmers to whom the Produce will be supplied
(Kharif)					
Soybean	JS-93-05	13	200 q	Certified seed	200 Farmers
(Rabi)					
Gram	JG-130	13	200 q	Certified seed	200 Farmers
Vegetables					
Flowers					

Crop Cafeteria

S. No.	Kharif Crops	Varieties
1	Maize	CM-3, JM-12, JM-8, JPOP-11, PQ PM-1
2	Sorghum	Spr- 1022, SPV- 1041, JJ- 471, CSH-18, CSH-14, CSH-16, CSV-15
3	Soybean	JS-90-41, JS-93-05, JS-95-60, NRC-12, Indira soy -4, JS 97-52
4	Moong	JM- 721, TARM-1, LGG-460, K 851, HUM- 1 Pusavisal, PDM-1, PDM-45
5	Urid	JV-3, PDU-1, 2BG-20, TAU-2, PU-19, PU-30, PU-35

S. No.	Rabi Crops	Varieties
1	Wheat	GW-173, GW 190, GW-273, GW 322, GW-366
2	Mustard	Pusa Jai Kisan, -Pusa Jagannath,- Laxmi Pusa bold
3	Gram	JG-11 JG-16, JG-63, JG-74, JG-130, JG-218, JG-315, JG- 322, JG-412
4	Pea	Azad P-1, Pusa Panna, Pusa Pragati, IPF- 9925, PSM-3 Arkajeet

S. No.	Vegetable & Spices	Varieties
1	Tomato	Kashi Vishesh, Hisar Arun
2	Brinjal	Pant Rituraj, BR-14, Kashi Sandesh
3	Chili	Kashi Anmol, LCA- 235
4	Okra	VRO-6
5	Termeric	Suroma
6	Ginger	Suprabha
7	Onion	AFDR
8	Cumin	GC-1
9	Fenugreek	Plume – 55
10	Fennel	GF-1
11	Garlic	G-323
12	Coriander	Simpo S-33
13	Colocasia	Sat mukhi

S. No.	Fruits	Varieties
1	Mango	Amrapali, Malika, Dashari, Chousa
2	Guava	L-49, Lalit, G-27
3	Citrus	Vikarm, kagazi
4	Aonla	NA-7, NA-6, Chakaiya, Krishna
5	Banana	Umran, Gola, Banarsi Kadaka

Targets and achievements - 1

Activity	Annual Targets	Target & Achievements (Q-I & Q-II)		Deficit as per the Targets	Proposed New Targets for next 2 Quarters)	
		Target	Achieved		Q-III	Q-IV
On Farm Testing	10	6	6	4	4	-
Front Line Demonstration	114	64	64	50	50	-
Training						
▪ Farmers and farm women	82	37	37	45	25	20
▪ Rural Youth	6	2	2	4	2	2
▪ Vocational	4	2	6	2	-	-
▪ In-service personnel	10	5	5	7	4	3
▪ Sponsored	10	8	8	2	1	1
Production of Seed/Saplings/Seedlings	400	200	168	200	-	200
Seedling	9000	9000	9000	-	-	-

Targets and achievements - 2

Activity	Annual Targets	Target & Achievements (Q-I & Q-II)		Deficit as per the Targets	Proposed New Targets for next 2 Quarters)	
		Target	Achieved		Q-III	Q-IV
Field day	12	6	6	6	3	3
Kisan mela	2	1	2	-	-	-
Exhibition	1	-	-	2	-	-
44 Film CD show	4	2	2	-	-	1
Animal Health Camp	4	2	1	2	1	1
Animal Vaccination Camp	2	1	1	2	1	1
T.V. Programme	4	2	2	1	1	7
Radio Talk	12	6	6	2	3	3
Farmers visited to KVK	12	3	7	6	-	-
Scientists visited to farmer's field	6	2	2	-	-	-
Publication of Literature	4	2	2	-	-	-
Others	4					

Budget & Expenditure (April, 2007 to Mar, 2008)

Head	Sanction Amount (Rs. In Lakhs)	Expenditure (Rs. In Lakhs)	Excess/ Deficit	Justification
Pay & Allowances	15.00	9.309		
TA	0.80	0.42225		
Recurring Contingencies	6.00	5.23518		
Non-recurring Contingencies	0.10	0.9923		
Work's Progress Report for in this month (if Any).	48.23	From VV		
Vehicle/tractor Utilization (like kilometers/hour runs, liters POL Used, gone for repair etc.)				
Other				
Total Expenditure for the month	70.13			

Results of one Best OFT

Title	Assessment of integration of Sulphur with RDF in Soybean
Crop, Season & Year	Soybean Kharif 2007-08
No. of OFTs (Replication)	05
Farming situation	Rainfed
Irrigation availability	well
Soil Type	Clay loam
Problem Identified	Low yield due to deficiency of sulphur
Farmers' Practices	20:60:20 NPK kg/ha
Detail of Technology assessed, Source of Technology (Year)	20:60:20 NPK Kg/ha + 30 kg S / ha
Name, Characteristics of the variety, Source of variety (Year of Release)	JS-93-05, Early maturing , JNKVV - 2002

Cont.

Results of one Best OFT

Cost of Cultivation under RP (Rs/ha)	10000
Cost of Cultivation under FP (Rs/ha)	9240
Average Yield Under FP (kg/ha)	1244
Average Yield Under LC (kg/ha)	1690
Increase in yield over LC	35.85 %
Performance Indicator under RP	61 (No of Pods / plant)
Performance Indicator under LC	35 (No of Pods / plant)
Change in performance indicator	74.28 %
Gross Return under RP (Rs/ha)	30420
Gross Return under FP (Rs/ha)	22392
Net Return under RP (Rs/ha)	13152
Net Return under FP (Rs/ha)	20420
BC ratio Under RP	2.04
BC ratio under LC	1.42
Technical Feedback on the Technology Assessed	Popularize suitable source of Sulphur
Farmers Reaction	Farmers convinced with application of sulphur as it gave 35.85% higher yield over farmer practices