



Mahatma Phule Krishi Vidyapeeth, Rahuri



Progress Report

ICAR-FARMER FIRST PROGRAMME OF MPKV RAHURI

Year: 2016-17 & 2017-18

**Socio-Economic Empowerment of Farmers through Farming System
Interventions for Sustainable Agriculture Development in
Ahmednagar District**

**Dr. P. B. Kharde
Principal Investigator
ICAR FFP**

MAHATMA PHULE KRISHI VIDYAPEETH, RAHURI 413 722

A. Background information

1. Name of Centre : Mahatma Phule Krishi Vidyapeeth, Rahuri

2. Name of PI : **Dr. P. B. Kharde,**
Officer Incharge Communication Centre
Mahatma Phule Krishi Vidyapeeth, Rahuri

3. Address and Contact detail of PI

Address:	Communication Centre Mahatma Phule Krishi Vidyapeeth, Rahuri
E-mail :	deempkv@rediffmail.com, dcmpkv@gmail.com, mpkvfarmerfirst@gmail.com
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4. Title of Project: Socio-Economic Empowerment of Farmers through Farming System Interventions for Sustainable Agriculture Development in Ahmednagar District

5. Constitution of Site Plan Implementation Group

1. Dr. P.B. Kharde,	Officer Incharge, Communication Centre and Principal Investigator ICAR-FFP, MPKV, Rahuri	– Chairman
2. Dr. A. G. Durgude	Assistant Professor (SS&AC) & Co-PI	– Member
3. Dr. R.P. Andhale	Assistant Professor (Agro.) & Co-PI	– Member
4. Dr. V.G. Pokharkar	Assistant Professor (Agril.Econ.)	– Member
5. Prof. M. H. Gawade	Assistant Professor (Hort.) & Co-PI	– Member
6. Dr. U.S. Surve	Associate Professor (Agro) & Co-PI	– Member
7. Dr. S.S. Mandakmale	Associate Professor (ASDS) & Co-PI	– Member
8. Dr. R. G. Nimase	Principal Veterinary Officer & Co-PI	– Member
9. Dr. S. D. Patil	Assistant Professor (AE) & Co-PI	– Member
10. Dr. S. S. Sadaphal	Junior Research Assistant & Co-PI	– Member
11. Shri Raibhan Gikwad	Agriculture Assistant, Dept. of Agril.	– Member
12. Shri Maruti Gite	Farmers Representative <i>Chinchvihire</i>	– Member
13. Shri Anil Kadam	Farmers Representative <i>Chinchvihire</i>	– Member
14. Mrs. Rupali Gite	Farmers Representative <i>Chinchvihire</i>	– Member
15. Dr. B.A. Deshmukh	Junior Research Assistant & Co-PI	–Member Secretary

- Site Plan implementation group meetings held on 29th June, 2017, 12th August, 2017 and 15th January, 2018

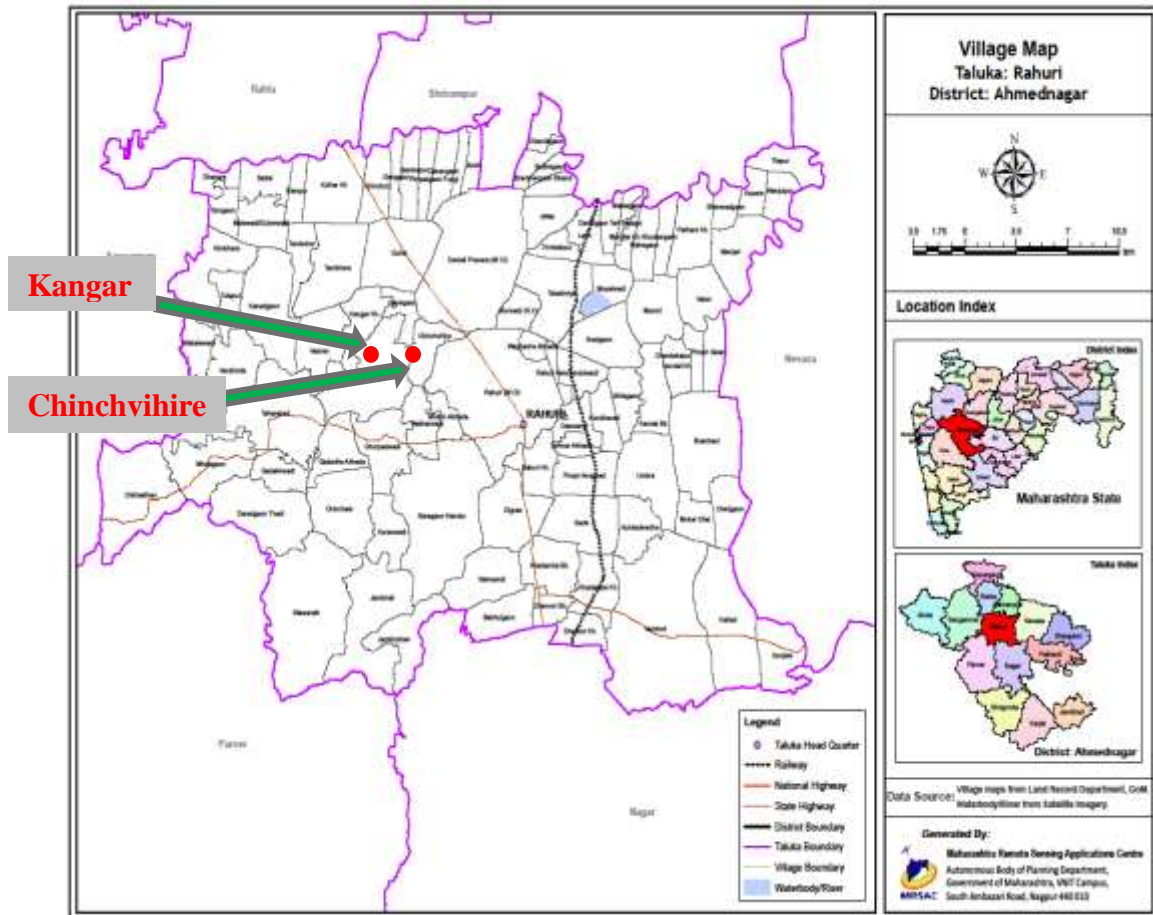
6. Constitution of Institute Advisory Committee

- 1 Dr. K. P. Viswanatha, Hon'ble Vice- Chancellor, MPKV, Rahuri - Chairman
 - 2 Dr. K.D. Kokate, Director, Extension Education, MPKV, Rahuri - Member
 - 3 Dr. S. R. Gadakh, Director of Research, MPKV, Rahuri - Member
 - 4 The District Superintending Agriculture Officer, Ahmednagar - Member
 - 5 Taluka Agriculture Officer, Rahuri - Member
 - 6 Dr. P.B. Kharde, Principal Investigator, ICAR-FFP -Member Secretary
- Institute Advisory Committee meeting held on 26th March, 2018.

7. Project Team

Name of the PI and Co-PIs	Designation	Address with Phone, Fax, Email
Principal Investigator		
Dr. P.B. Kharde	Officer Incharge, Communication Centre and Principal Investigator ICAR- FFP, MPKV, Rahuri	MPKV, Rahuri Tal. Rahuri Dist. Ahmednagar – 413 722, MS, India 02426/243230 deempkv@rediffmail.com, dcmpkv@gmail.com
Co- Principal Investigator		
NRM Module Dr. A. G. Durgude Dr. R.P. Andhale Prof. M. H. Gawade	Assistant Professor SS&AC) Assistant Professor (Agro.) Assistant Professor (Hort.)	MPKV, Rahuri Tal. Rahuri Dist. Ahmednagar – 413 722, MS, India 02426/243230 deempkv@rediffmail.com, dcmpkv@gmail.com
Crops and Cropping System Dr. A.B. Kambale Dr. U.S. Surve Dr. B.A. Deshmukh	Associate Professor (Agro) Associate Professor (Agro) Technical Officer	
Livestock component Dr. S.S. Mandakmale Dr. R. G. Nimse Dr. S. S. Sadaphal	Associate Professor (ASDS) Assistant Professor (ASDS) Technical Officer	
Socio economics and Linkages development Dr. V.G. Pokharkar Dr. S. D. Patil	Assistant Professor (Agril.Econ.) Assistant Professor (AE)	

8. Coverage of FFP



Module	Intervention	Villages covered	Area covered (ha)/ Animal (No.)	Number of Households covered
Five point <i>rabisorghum</i> production technology	<ul style="list-style-type: none"> • In situ soil and water conservation • Selection of varieties as per soil type • Seed treatment • Hoeing at proper stage • Plant protection measure 	01	80 ha	200
Pulse Production technology	<ol style="list-style-type: none"> 1. Red gram 2. Chickpea <ul style="list-style-type: none"> • Seed replacement through selection of improved varieties • BBF planting • Bio-fertilizer (Azotobactor, PSB etc.) • Seed Treatment • Bio pesticides • IPM 	01 02	04 ha 27 ha	10 67
Integrated Farming System	<ul style="list-style-type: none"> • Back yard Poultry (<i>Grampriya, Giriraj</i>) - Chick, ration 	01	1200 chicks	20
	<ul style="list-style-type: none"> • Fishery in farm pond 	02	240000fish fingerlings	40
	<ul style="list-style-type: none"> • Goat – Bucks and does (<i>Sangamneri/ Osmanabadi</i>) 	02	--	50
	<ul style="list-style-type: none"> • Animal Component – AI dosages of PhuleTriveni 	01	150 animals(300 straws)	100
	<ul style="list-style-type: none"> • Forage Crops– Phule Jaywant,Phule Gunwant 	01	5000 sets	100
	<ul style="list-style-type: none"> • Horticultural crops Pomegranate-LiquidBio-fertilizers (Azotobactor, PSB, KSB) 	02	20ha	50

B. Technical Progress

Human Resource Development Activities

Sr. No.	Date	Details	Farmer Participants
Activities at Chinchvihire and Kangar villages			
1	20/02/2017	Orientation visit to <i>Chinchvihire</i> and <i>Kangar</i> villages	47
2	19-20/03/2017	PRA of <i>Chinchvihire</i> and <i>Kangar</i> villages	115
3	23/03/2017	Training programme on Integrated Farming System under FFP	39
4	27/03/2017	Training programme on Integrated Farming System under FFP – Soil Testing : Skill and its Importance	25
5	29/06/2017	Group discussion regarding organization of FLDs	35
6	28/06/2017	Training Programme on collection of soil sample for soil testing	33
7	29/08/2017	Rabi planning meeting	29
8	06/09/2017	Training Programme on production technology and value addition in Rabi sorghum	47
9	14/11/2017	Training Programme on Farm pond fish production in selected villages	40
10	15/11/2017	Training Programme on Chickpea seed production technology	84
11	27/11/2017	Fish fingerlings distribution programme	45
12	15/03/2018	Training Programme on Pomegranate Production Technology	45
13	19/03/2018	Training Programme on Backyard Poultry	130
Activities at Central Campus, MPKV, Rahuri			
14	24/03/2017	Orientation Training Programme on Integrated Farming System Approach under FFP (<i>Chinchvihire</i> farmers)	57
15	31/03/2017	Orientation Training Programme on Integrated Farming System Approach under FFP (<i>Kangar</i> farmers)	52
16	30/06/2017	Group Discussion on Soil Testing and its importance	33
17	17/03/2018	Participation of ICAR FFP farmers in live telecast of Krishi Unnati Programme	95
18	22/03/2018	Commercial Goat Farming	35
Farmer Exposure Visits			
19	20/01/2018	Farmers exposure visit to Watephal (Fishery in farm pond), Ralegan Siddhi, Hivre Bazar	30
20	14/02/2018	Farmer exposure visit to Sahydri Farmer Producer co., Mohadi Nashik and Varun Agro. Pvt.Ltd., Dindori, Nashik	31
21	09/03/2018	Farmer exposure visit to KVK, Baramati	32
National Workshop			
17	22 & 23/12/2017	National Workshop on Farmers Feedback on Doubling Farm income by 2022 (ICAR, NAARM, Hyderabad)	04
Farm Innovators Meet			
18	07/10/2017	Farm Innovators Meet at KVK, Baramati	01

Identification of farm innovators and act as technology agents

- During PRA and base line survey enthusiastic innovators were identified as group leaders. For each 10 farmers group there is a one group leader. The responsibility of technology transfer, group building, programming is allotted to these group leaders and he act as a technology agent. The list of same is given below. Thus, 50 group leaders have been identified for reaching 450 farm families.

Sr. No.	Name of the Group Leaders/ Technology agents	Village	No. of farmers attached
1	Dilip Kisan Nalkar	Chinchvihire	10
2	Maruti Natha Gite	Chinchvihire	10
3	Sudhir Karbhari Zambre	Chinchvihire	10
4	Sanjay Vasantrao Kadam	Chinchvihire	10
5	Anil Vasantrao Kadam	Chinchvihire	10
6	Sunil Tukaram Walake	Chinchvihire	10
7	Ganesh Subhash Murkute	Chinchvihire	10
8	Rajendra Tulashiram Nalkar	Chinchvihire	10
9	Maruti Babaji Nalkar	Chinchvihire	10
10	Machindra Annasaheb Shete	Chinchvihire	10
11	Sudhir Karbhari Zambre	Chinchvihire	10
12	Arun Dada Salve	Chinchvihire	10
13	Jalindar Machindra Murkute	Chinchvihire	10
14	Maruti Kondaji Chothe	Chinchvihire	10
15	Subhash Dhondiram Murkute	Chinchvihire	10
16	Ashok Madhav Joshi	Chinchvihire	10
17	Savaleram Dattatray Walke	Chinchvihire	10
18	Kantabai Tulshiram Nalkar	Chinchvihire	10
19	Giraram Karbhari Kote	Chinchvihire	10
20	Natha Ramaji Gite	Chinchvihire	10
21	Uttam Lavaji Salve	Chinchvihire	10
22	Pahtanbhai Karimbhai Pathan	Chinchvihire	10
23	Anil Babasaheb Nalkar	Chinchvihire	10
24	Shobha Prakash Varale	Chinchvihire	10
25	Appasaheb Annada Narode	Chinchvihire	10
26	Gorakshanath Vinayak Gade	Kangar	10
27	Babasaheb Pandurang Adbhai	Kangar	10
28	Dnyndev Sopan Varghude	Kangar	10
29	Venunath Ganpat Varghude	Kangar	10
30	Bhaskar Muktaji Varghude	Kangar	10
31	Bhausahab Sitaram Ghadge	Kangar	10
32	Babasaheb Trimbak Varghude	Kangar	10
33	Bhaskar Dnyandev Ghadhe	Kangar	10
34	Appasaheb Vishwanath Varghude	Kangar	10
35	Jalindar Vishwanath Varghude	Kangar	10
36	Sumanbai Kundlik Shete	Kangar	10

37	Anna Tatyaba Shete	Kangar	10
38	Suyog Bhagwan Nalkar	Kangar	10
39	Sahebrao Rangnath Varghude	Kangar	10
40	Balasaheb Dadapatil Musmade	Kangar	10
41	Machindra Tatyaba Shete	Kangar	10
42	Annasaeb Gopal Ghadge	Kangar	10
43	Rakhmaji Ganpat Gagre	Kangar	10
44	Raghunath Sakharam Ghadhe	Kangar	10
45	Baburao Nana Ghadge	Kangar	10
46	Jaysing Sonyabapu Ghadage	Kangar	10
47	Shankar Mahadev Navale	Kangar	10
48	Mahamad Mehamud Inamdar	Kangar	10
49	Ruksana Anwar Shaikh	Kangar	10
50	Mangal Bhausahab Ghadge	Kangar	10

Visits of project team and other scientists :Visit of dignitaries to ICAR-Farmer FIRST Programme

1. July 2, 2017. A Farmers Rally and Demonstration visit of ICAR Farmer FIRST programme of MPKV, Rahuri was organised in presence of Dr. K. P. Vishwanatha, Hon'ble Vice Chancellor, MPKV, Rahuri, Dr. V. P. Chahal, ADG, (AE), ICAR, New Delhi, Dr. Lakhan Singh, Director, ATARI, Pune and Dr. K. D. Kokate, DEE at village Chinchvihire.
2. July 22, 2017. Dr. A.K. Singh, DDG (AE), ICAR, New Delhi visited Chinchvihire village. Dr. Dr. Lakhan Singh, Director, ATARI, Pune, Dr. K. D. Kokate, DEE,MPKV, Rahuri were present on this occasion.
3. January 5, 2018. EEC Member Dr. S. Prabhukumar, Dr. A. M. Narula visited Chinchvihire and Kangar villages. Dr. K. D. Kokate, DEE,MPKV, Rahuri was also present on this occasion.
4. November 27, 2017. The fish fingerlings distribution programme was organised under FFP at chinchvihire villege. Dr. K. D. Kokate, DEE,MPKV, Rahuri, Dr. S.R. Gadakh, Director of Research, Shri. Vijay Kote, Comptroller, MPKV, Rahuri, Dr. M. B. Dhonde, HOD, Agronomy, Dr. M. C. Ahire, HOD, Extension Education, Shri.Jagtap, Deputy Director, ATMA, Shri. Namdeo Rokade, TAO and Shri. Raibhan Gaikwad, Agril. Officer were present.

Pulse Production technology

Red gram demonstration technology (2017-18)

Crop	Area allocated (ha)	No of demos	Variety	Sowing period	Source of seed
Red Gram	4	10	Vipula	June -July	MPKV, Rahuri

List of farmers participated in Red gram demonstrations(2017-18)

Sr. No.	Farmers Name	Village
1	Dilip Kisan Nalkar	Chinchvihire
2	Maruti Natha Gite	Chinchvihire
3	Karbhari Tukaram Pansambal	Chinchvihire
4	Giraram Karbhari Kote	Chinchvihire
5	Shivaji Nivrutti Gite	Chinchvihire
6	Ganesh Madhukar Deshmukh	Chinchvihire
7	Sandip Divakar Kavane	Chinchvihire
8	Shankar Punja Zambre	Chinchvihire
9	Kacharu Gorakshnath Nalkar	Chinchvihire
10	Hirabai Nivrutti Gite	Chinchvihire

• Results

Average Yield (q /ha)	Average Cost of production (Rs. /ha)	Gross monetary Returns (Rs. /ha)	B:C Ratio
20.00	32000	90000	2.81

(Average market rate of red gram = Rs. 4500 /qt.)

• Conclusion

- Red Gram variety Vipula responded well in both conditions of irrigated as well as rainfed with proper utilization of inputs.
- Proper use of INM and IPM and application of fertilizers on the basis of soil test report helped to reduce the cost of cultivation.
- The use of biofertilizers increased the potential yield of red gram

Chickpea production technology (2017-18)

Crop	Area allocated (ha)	No of demos	Variety	Sowing period	Source of seed
Chickpea	27	67	Digvijay variety of Chickpea developed by MPKV, Rahuri	October-November	MPKV, Rahuri

List of participated farmers in Chickpea production technology

Sr. No.	Farmer Name	Village
1.	Indubai Tukaram Valke	Chinchvihire
2.	Dagadu Bhagvat Gite	Chinchvihire
3.	Lilabai Vasant Pansambal	Chinchvihire
4.	Sudhir Karbhari Zambre	Chinchvihire
5.	Arun Dada Salve	Chinchvihire
6.	Jalindar Machindra Murkute	Chinchvihire
7.	Maruti Kondaji Chothe	Chinchvihire
8.	Subhash Dhondiram Murkute	Chinchvihire
9.	Ashok Madhav Joshi	Chinchvihire
10.	Savaleram Dattatray Walke	Chinchvihire
11.	Kantabai Tulshiram Nalkar	Chinchvihire
12.	Giraram Karbhari Kote	Chinchvihire
13.	Natha Ramaji Gite	Chinchvihire
14.	Trimbak Sakhahari Narode	Chinchvihire
15.	Kailas Dnyandev Gite	Chinchvihire
16.	Vishnu Bhaurao Nalkar	Chinchvihire
17.	Shankar Punjaji Zambre	Chinchvihire
18.	Sudam Vithoba Gite	Chinchvihire
19.	Dnyadev Devram Pathare	Chinchvihire
20.	Lalit Dhanraj Chordiya	Chinchvihire
21.	Shivaji Nivrutti Gite	Chinchvihire
22.	Annasahev Nivrutti Gite	Chinchvihire
23.	Sampat Bhanudas Gite	Chinchvihire
24.	Changdev Rambhaji Narode	Chinchvihire
25.	Sandip Dagadu Gite	Chinchvihire
26.	Kashinath Baburao Narode	Chinchvihire
27.	Narmada Baban Pathare	Chinchvihire
28.	Pradip Tabaji Pathare	Chinchvihire
29.	Vimal Dattatray Pathare	Chinchvihire
30.	Namdev Vitthal Pansambal	Chinchvihire
31.	Baban Gangaram Pansambal	Chinchvihire
32.	Gorakshnath Machindra Murkute	Chinchvihire
33.	Sarswati Nanasaheb Daule	Chinchvihire
34.	Ratan Lavaji Salve	Chinchvihire
35.	Sanjay Appasaheb Narode	Chinchvihire
36.	Mohan Ananda Narode	Chinchvihire
37.	Balasaheb Bhausahab Nalkar	Chinchvihire
38.	Kaduraj Kisan Zambre	Chinchvihire
39.	Raosaheb Kashinath Zambre	Chinchvihire
40.	Changdev Vishwanath Nalkar	Chinchvihire

41.	Annasaheb Ganpat Shinde	Chinchvihire
42.	Shobhabai Gorakshnath Nalkar	Chinchvihire
43.	Uttam Lavaji Salve	Chinchvihire
44.	Pahtanbhai Karimbhai Pathan	Chinchvihire
45.	Anil Babasaheb Nalkar	Chinchvihire
46.	Shobha Prakash Varale	Chinchvihire
47.	Appasaheb Annada Narode	Chinchvihire
48.	Kasubai Lahanu Nalkar	Chinchvihire
49.	Isak Kachrubhai Shaikh	Chinchvihire
50.	Annasaheb Kisan Zambre	Chinchvihire
51.	Sudhakar Ananda Narode	Chinchvihire
52.	Popat Maruti Gite	Chinchvihire
53.	Pariji Bhausahab Ghadge	Kangar
54.	Gajibapu Muktaji Varghude	Kangar
55.	Ashok Muktaji Varghude	Kangar
56.	Venunath Ganpat Varghude	Kangar
57.	Baburao Nana Ghadge	Kangar
58.	Jaysing Sonyabapu Ghadge	Kangar
59.	Dnyandev Sopan Varghude	Kangar
60.	Sitaram Genu Ghadge	Kangar
61.	Sopan Gangadhar Ghadge	Kangar
62.	Ashok Vitthal Jadhav	Kangar
63.	Shankar Mahadev Navale	Kangar
64.	Balasaheb Ramdas Gadhe	Kangar
65.	Vimal Sukhdev Nimse	Kangar
66.	Gorkshanath Vinayak Gadhe	Kangar
67.	Bhausahab Govind Ghadge	Kangar

• **Results of Chickpea demonstrations (2017-18)**

Yield q / ha.	Gross Returns @ Rs 4500/q	Cost incurred (Rs./ha.)	Net Profit (Rs./ha.)	B:C Ratio
21.50	96750	33000	63750	2.93

Rabi Sorghum production technology (2017-18)

Crop	Area allocated (ha)	No of demos	Variety	Sowing period	Source of seed
Sorghum	80	200	Phule Suchitra(Medium Soil) Phule Anuradha (Light Soil) Phule Revati (Light to deep soil, suitable for irrigated area)	September-October	MPKV, Rahuri

List of farmers participated in sorghum demonstrations

Sr. No.	Farmer Name	Village
1.	Ganesh Subhash Murkute	Chinchvihire
2.	Anil Subhash Murkute	Chinchvihire
3.	Annasaheb Kisan Zambre	Chinchvihire
4.	Kaduraj Kisan Zambre	Chinchvihire
5.	Pandurang Tukaram Narode	Chinchvihire
6.	Madhav Sakhahari Narode	Chinchvihire
7.	Gitaram Karbhari Kote	Chinchvihire
8.	Balasaheb Dnyandev Gite	Chinchvihire
9.	Kailas Dnyandev Gite	Chinchvihire
10.	Trimbak Sakhahari Narode	Chinchvihire
11.	Baban Punjaji Pathare	Chinchvihire
12.	Bhausahab Bansi Dhambore	Chinchvihire
13.	Shankar Pandharinath Narode	Chinchvihire
14.	Dilip Kisan Nalkar	Chinchvihire
15.	Sanjay Kisan Nalkar	Chinchvihire
16.	Baban Gangaram Pansambal	Chinchvihire
17.	Kondiram Chandrabhan Unde	Chinchvihire
18.	Somnath Changdev Narode	Chinchvihire
19.	Sachin Sopan Nalkar	Chinchvihire
20.	Ganesh Madhukar Deshmukh	Chinchvihire
21.	Karbhari Tukaram Pansambal	Chinchvihire
22.	Sanjay Kashinath Nalkar	Chinchvihire
23.	Ramakant Balasaheb Gite	Chinchvihire
24.	Anil Babasaheb Nalkar	Chinchvihire
25.	Annasaheb kashinath Nalkar	Chinchvihire

26.	Dagdu Gite	Chinchvihire
27.	Natha Ramji Gite	Chinchvihire
28.	Kailas Dnyandev Gite	Chinchvihire
29.	Parbati Shankar Narode	Chinchvihire
30.	Dipak Bansi Dhanbore	Chinchvihire
31.	Babasaheb Shankar Zambre	Chinchvihire
32.	Ramesh Trimbak Savant	Chinchvihire
33.	Baban Gangaram Pansambal	Chinchvihire
34.	Ashok Trimbak Savant	Chinchvihire
35.	Rajendra Trimbak Savant	Chinchvihire
36.	Kishor Trimbak Savant	Chinchvihire
37.	Narmada Baban Pathare	Chinchvihire
38.	Shankar Punjaji Zambare	Chinchvihire
39.	Vijay Shankar Narode	Chinchvihire
40.	Sandip Bansi Dhanbore	Chinchvihire
41.	Subhash Karbhari Kote	Chinchvihire
42.	Changdev Rambhaji Narode	Chinchvihire
43.	Kondiram Chandrabhan Unde	Chinchvihire
44.	Sopan Nalkar	Chinchvihire
45.	Kaduraj Kisan Zambre	Chinchvihire
46.	Shivaji Karbhari Kote	Chinchvihire
47.	Janabai Baban Pansambal	Chinchvihire
48.	Jijabai Balasaheb Nalkar	Chinchvihire
49.	Mirabai Annassaheb Gite	Chinchvihire
50.	Baban Punja Pathore	Chinchvihire
51.	Babam Gangaram Pansambal	Chinchvihire
52.	Manda Karbhari Sale	Chinchvihire
53.	Katrabai Nalkar	Chinchvihire
54.	Dipak Machchhindra Vairagar	Chinchvihire
55.	Salve Pharansis	Chinchvihire
56.	Tanaji Shankar Salve	Chinchvihire
57.	Maruti Ganpat Nalkar	Chinchvihire
58.	Zumbabai Suresh Salve	Chinchvihire

59.	Kondabai Maruti Salve	Chinchvihire
60.	Ranjana Sandip Nalkar	Chinchvihire
61.	Indubai Somaji Salve	Chinchvihire
62.	Sanjay Ramesh Salve	Chinchvihire
63.	Kachru Daulat Salve	Chinchvihire
64.	Bhimraj Sampat Nalkar	Chinchvihire
65.	Baburav Sampat Nalkar	Chinchvihire
66.	Hirabai Radhu Salve	Chinchvihire
67.	Prabhakar Nana Salve	Chinchvihire
68.	Balasaheb Sampat Nalkar	Chinchvihire
69.	Bebi Machchhindra Vairagar	Chinchvihire
70.	Balasaheb Bhikaji Salve	Chinchvihire
71	Kachru Dashrath Pansambal	Chinchvihire
72	Parasaram Baburao Kadam	Chinchvihire
73	Ashok Madhavrao Orshi	Chinchvihire
74	Luis Lavhaji Salve	Chinchvihire
75	Ijaj Ganbhai Pathan	Chinchvihire
76	Puja Ranjnath Lahunde	Chinchvihire
77	Venunath Ranganath Lahunde	Chinchvihire
78	Ravsaheb Yadav Launde	Chinchvihire
79	Vikas Ashok Salve	Chinchvihire
80	Kailas Sonyabapu Gite	Chinchvihire
81	Uttam Popat Gite	Chinchvihire
82	Sindhu Arun Lavhande	Chinchvihire
83	Sandip Puja Salve	Chinchvihire
84	Suresh Annasaheb Savant	Chinchvihire
85	Andibai Salve	Chinchvihire
86	Ramkisan Somnath Dhanvate	Chinchvihire
87	Radhakisan Somnath Dhanvate	Chinchvihire
88	Gorakshanath Haribhau Pansambal	Chinchvihire
89	Satish Ranu Salve	Chinchvihire
90	Sayaji Savitra Salve	Chinchvihire
91	Rajendra Trimbak Savant	Chinchvihire

92	Bhausahab Mukhtaji Tikkal	Chinchvihire
93	Chhaya Ravsaheb Lahunde	Chinchvihire
94	Chandrakant Baburao Salve	Chinchvihire
95	Subhash Kashinath Zambare	Chinchvihire
96	Punja Baban Salve	Chinchvihire
97	Sopan Kashinath Gite	Chinchvihire
98	Shankar Sampat Nalkar	Chinchvihire
99	Dnyandev Dattatray Valke	Chinchvihire
100	Balu Santosh Salve	Chinchvihire
101	Gayabai Baburao Salve	Chinchvihire
102	Anil Bhaskar Salve	Chinchvihire
103	Mohan Anandrao Narode	Chinchvihire
104	Suresh Bhaurao Nalkar	Chinchvihire
105	Jalindar Ramkisan Gore	Chinchvihire
106	Asha Mohan Narode	Chinchvihire
107	Nandu Baburao Salve	Chinchvihire
108	Sunil Appasaheb Narode	Chinchvihire
109	Ranganath Manohar Chavhan	Chinchvihire
110	Sanjay Ananda Gite	Chinchvihire
111	Dinkar Bhaskar Salve	Chinchvihire
112	Baburao Nana Salve	Chinchvihire
113	Bhagirath Dagdu Narode	Chinchvihire
114	Ashok Namdev Sambare	Chinchvihire
115	Jalindar Machchhindra Murkute	Chinchvihire
116	Husen Karimbhai Pathan	Chinchvihire
117	Shivaji Nivrutti Gite	Chinchvihire
118	Savleram Dattatray Valke	Chinchvihire
119	Isak Kachrubhai Shekh	Chinchvihire
120	Dattabhau Narode	Chinchvihire
121	Ganibhai Pathan	Chinchvihire
122	Madhav Sakhahari Narode	Chinchvihire
123	Trimbak Sakhahari Narode	Chinchvihire
124	Ganesh Gitaram Gite	Chinchvihire

125	Dnyandev Dattatray Nalakar	Chinchvihire
126	Tukaram Dattatray Nalkar	Chinchvihire
127	Kailas Nanasaheb Gite	Chinchvihire
128	Sopan Venu Gite	Chinchvihire
129	Ramchandra Bhau Narode	Chinchvihire
130	Annasaheb Nivrutti Gite	Chinchvihire
131	Vilas Laxman Narode	Chinchvihire
132	Avadanath Pandharinath Zavre	Chinchvihire
133	Vasant Ravsaheb Kavhane	Chinchvihire
134	Sudha Vithoba Gite	Chinchvihire
135	Ravsaheb Vishnu Narode	Chinchvihire
136	Ramnath Karbhari Bansod	Chinchvihire
137	Rajendra Jagannath Nalkar	Chinchvihire
138	Baban Rangnath Nalkar	Chinchvihire
139	Gorakshanath Ranganath Nalkar	Chinchvihire
140	Balkrushna Karbhari Gite	Chinchvihire
141	Sopan Dattatray Nalkar	Chinchvihire
142	Baban Jagannath Narode	Chinchvihire
143	Bhaskar Janannath Narode	Chinchvihire
144	Jagannath Sonyabapu Narode	Chinchvihire
145	Shobha Gorakshnath Nalkar	Chinchvihire
146	Shivaji Karbhari Kote	Chinchvihire
147	Yadav Bhaurao Nalkar	Chinchvihire
148	Bashshir Chandbhai Pathan	Chinchvihire
149	Yusuf Chanbhai Pathan	Chinchvihire
150	Tayyab Nashirbhai Pathan	Chinchvihire
151	Shitubai Bhausahab Narode	Chinchvihire
152	Jamshid Nasirbhai Pathan	Chinchvihire
153	Imam Karimbhai Pathan	Chinchvihire
154	Ashud Gaffarbhai Pathan	Chinchvihire
155	Naim Banekha Pathan	Chinchvihire
156	Shabbirbhai Pathanbhai Pathan	Chinchvihire
157	Jafar Pathanbhai Pathan	Chinchvihire

158	Munir Pathanbhai Pathan	Chinchvihire
159	Samin Pathanbhai Pathan	Chinchvihire
160	Dattatray Rangnath Garud	Chinchvihire
161	Mahamad Husen Pathan	Chinchvihire
162	Alam Husen Pathan	Chinchvihire
163	Namdev Savitra More	Chinchvihire
164	Tukaram Savitra More	Chinchvihire
165	Jagannath Rangnath Nalakar	Chinchvihire
166	Machchhindra Rangnath Nalkar	Chinchvihire
167	Shankar Dhondiram Gite	Chinchvihire
168	Kisan Pandharinath Narode	Chinchvihire
169	Dilip Shankar Nalkar	Chinchvihire
170	Kundlik Namdev Narode	Chinchvihire
171	Sunita Dilip Nalkar	Chinchvihire
172	Arun Dada Salve	Chinchvihire
173	Sharad Dada Salve	Chinchvihire
174	Dattatray Rangnath Shinde	Chinchvihire
175	Gorakshanath Machchhindra Murkute	Chinchvihire
176	Mirabai Baban Nalkar	Chinchvihire
177	Shahrukh Mustak Pathan	Chinchvihire
178	Rajendra Rangnath Garud	Chinchvihire
179	Tukaram Govind Gite	Chinchvihire
180	Gavraj Pandharinath Zambre	Chinchvihire
181	Ramkisan Devram Gore	Chinchvihire
182	Satish Baban Nalkar	Chinchvihire
183	Shankar Bhagvat Gite	Chinchvihire
184	Shivaji Laxman Narode	Chinchvihire
185	Ramabai Rangnath Garud	Chinchvihire
186	Kailas Laxman Narode	Chinchvihire
187	Sopan Sonyabapu Narode	Chinchvihire
188	Pandharinath Mahadev Zambare	Chinchvihire
189	Anil Dhondiram Raut	Chinchvihire
190	Pandurang Viththal Salve	Chinchvihire

191	Charudatta Pandurang Pawar	Chinchvihire
192	Dilip Kisan Nalkar	Chinchvihire
193	Maruti Natha Gite	Chinchvihire
194	Karbhari Tukaram Pansambal	Chinchvihire
195	Giraram Karbhari Kote	Chinchvihire
196	Shivaji Nivrutti Gite	Chinchvihire
197	Ganesh Madhukar Deshmukh	Chinchvihire
198	Sandip Divakar Kavane	Chinchvihire
199	Shankar Punja Zambre	Chinchvihire
200	Kacharu Gorakshnath Nalkar	Chinchvihire

Result of Rabi Sorghum demonstrations (2017-18)

Yield q / ha.	Gross Returns @ Rs 2000/q	Cost Incurred (Rs.)	Net Profit (Rs.)	B:C Ratio
18.3 (grain)	36600	27000	34600	2.28
45.9 (Fodder)	25000			

Integrated Farming System

Backyard poultry (2017-18)

Technology	No. of birds	No of demos	Breed	Distribution period	No. of birds per farmer
Backyard poultry	1200	20	Grampriya	October	60

List of participant farmers in Backyard poultry

Sr. No.	Farmers Name	Village
1	Savita Sanjay Pawar	Chinchvihire
2	Savita Vaibhav Nalkar	Chinchvihire
3	Radhabai Vinayak Gunjal	Chinchvihire
4	Kalabai Gokuldas Gite	Chinchvihire
5	Anil Babasaheb Nalkar	Chinchvihire
6	Nutan Sharad Pote	Chinchvihire
7	Mangal Dhanvate	Chinchvihire
8	Savita Devram Devare	Chinchvihire
9	Mina Sanjay Varare	Chinchvihire
10	Ranjana Shivaji Gite	Chinchvihire
11	Popat Kashinath Murkute	Chinchvihire
12	Gulab Chandbhai Pathan	Chinchvihire
13	Shabbir Pathanbhai Pathan	Chinchvihire
14	Jalindar Bhagwat Jagtap	Chinchvihire
15	Balasaheb Yovhan Dive	Chinchvihire
16	Balasaheb Gopinath Nalkar	Chinchvihire
17	Anwar Ajj Sayyad	Chinchvihire
18	Pushpa Tarachand Kharat	Chinchvihire
19	Anna Balasaheb Salave	Chinchvihire
20	Irfan Gulab Pathan	Chinchvihire

Income generation of beneficiaries (2017-18)

Particular	Expected production	Total	Total income @Rs.5/-per egg and @Rs300/- per bird	Expenditure Cost @Rs. 120/- per bird	Net Profit Rs.	Per family Income Rs.
Back Yard Poultry 25 + 25 birds 10 mortality (20 Families)	180 Eggs per bird	180 x 25x 20= 90000 eggs	450000	144000	4,56,000	22800/-
	Male bird 25	25x 20 = 500 birds	150000			

Farm Pond Fishery (2017-18)

Technology	No. of pond	No of demos	Variety	Distribution period	No. of fish fingerlings per pond
Farm pond fishery	40	40	Rohu and Cypernus	December	6000

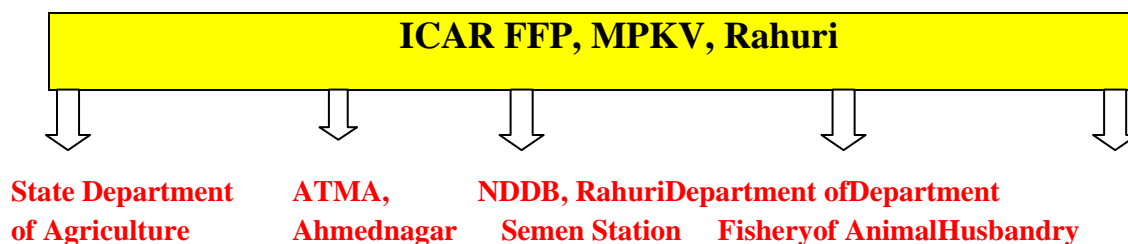
List of participated farmers in farm pond fishery

Sr. No.	Farmer Name	Village
1.	Dilip Kisan Nalkar	Chinchvihire
2.	Maruti Natha Gite	Chinchvihire
3.	Sudhir Karbhari Zambre	Chinchvihire
4.	Sanjay Vasanttrao Kadam	Chinchvihire
5.	Anil Vasanttrao Kadam	Chinchvihire
6.	Sunil Tukaram Walake	Chinchvihire
7.	Ganesh Subhash Murkute	Chinchvihire
8.	Rajendra Tulashiram Nalkar	Chinchvihire
9.	Maruti Babaji Nalkar	Chinchvihire
10.	Machindra Annasaheb Shete	Chinchvihire
11.	Gorakshanath Vinayak Gade	Kangar
12.	Babasaheb Pandurang Adbhai	Kangar
13.	Dnyndev Sopan Varghude	Kangar
14.	Venunath Ganpat Varghude	Kangar
15.	Bhaskar Muktaji Varghude	Kangar
16.	Bhausahab Sitaram Ghadge	Kangar
17.	Babasaheb Trimbak Varghude	Kangar
18.	Bhaskar Dnyandev Ghadhe	Kangar
19.	Appasaheb Vishwanath Varghude	Kangar
20.	Jalindar Vishwanath Varghude	Kangar
21.	Sumanbai Kundlik Shete	Kangar
22.	Anna Tatyaba Shete	Kangar
23.	Suyog Bhagwan Nalkar	Kangar
24.	Sahebrao Rangnath Varghude	Kangar
25.	Balasaheb Dadapatil Musmade	Kangar
26.	Machindra Tatyaba Shete	Kangar
27.	Annasaheb Gopal Ghadge	Kangar
28.	Rakhmaji Ganpat Gagre	Kangar
29.	Raghunath Sakharam Ghadhe	Kangar
30.	Baburao Nana Ghadge	Kangar
31.	Jaysing Sonyabapu Ghadage	Kangar
32.	Shankar Mahadev Navale	Kangar
33.	Mahamad Mehamud Inamdar	Kangar
34.	Ruksana Anwar Shaikh	Kangar
35.	Mangal Bhausahab Ghadge	Kangar
36.	Paraji Bhausahab Ghadge	Kangar
37.	Vasant Bhausahab Ghadge	Kangar
38.	Sadashiv Rambhau Jadhav	Kangar
39.	Sanjay Ramchandra Kadam	Kangar
40.	Nanasaheb Radhakrushna Varghude	Kangar

Expected income generation of beneficiaries

Particular	Expected production	Total production	Total income @ Rs 100/- per Kg	Per pond Expenditure Cost Rs. 15000/-	Net Profit Rs.	Per farm pond add. Income Rs.
Farm Pond Fishery (40 Ponds)	500 kg fish Per Pond	20000 kg	2000000	600000	14,00,000	35000

Partnership and Institution Building Project Linkages



Mobilization of group and their capacity building

1. Under these we arranged two exposure visits of participant farmers groups.
 - a. Farmers exposure visit to Watephal (Fishery in farm pond), Ralegan Siddhi, Hivre Bazar with 30 participant farmer group on 20th January 2018.
 - b. Farmer exposure visit to Sahydri Farmer Producer co., Mohadi Nashik and Varun Agro. Pvt.Ltd., Dindori, Nashik with 31 participant farmers group on 1^{4th} February 2018
 - c. Farmer exposure visit to Krishi Vidgyan Kendra, Baramati with 32 participant farmers group on 9th March 2018.
2. Provided training to develop farmers capacity.
 - a. Training Programme on collection of soil sample for soil testing
 - b. Training Programme on production technology and value addition in Rabi sorghum
 - c. Training Programme on Farm pond fish production in selected villages
 - d. Training Programme on Chickpea seed production technology
 - e. Training Programme on Pomegranate Production Technology
 - f. Training Programme on Backyard Poultry
 - g. Training Programme on Commercial Goat Farming
 - h. Fish fingerlings distribution programme
 - i. Orientation Training Programme on Integrated Farming System Approach under FFP (Chinchvihire farmers)

- j. Orientation Training Programme on Integrated Farming System Approach under FFP (Kangar farmers)
3. Farmers also participated in National Workshop on Farmers Feedback on Doubling Farm income by 2022 during Dec. 21-22,2017 (ICAR, NAARM, Hyderabad)
4. ICAR FFP farmer participated in Farm Innovators Meet at KVK, Baramati .

Content mobilization

Development of information system

- Prepared a Whatsapp group of 200 participant farmers and scientists. We are giving advisory services to participant farmer
- Different videos of ICAR Farmer FIRST Programme, MPKV, Rahuri available on You Tube
- Website Development of ICAR Farmer FIRST Programme MPKV, Rahuri is in progress
- In future Instagram account of ICAR Farmer FIRST Programme MPKV, Rahuri will be created
- In future Mobile apps of ICAR Farmer FIRST Programme MPKV, Rahuri will be created
- Various publications on technology interventions have been published. The said publications are available on ICAR FFP portal.

Transferable technologies of other institutes

1. Introduced new breed of poultry i.e. Grampriya from Central Govt. hatchery.
2. Introduced fish varieties in farm ponds i.e. Rohu and Cypernus from Department of fishery.
3. In future plan to introduce PKV Dal mil from Dr. PDKV, Akola.

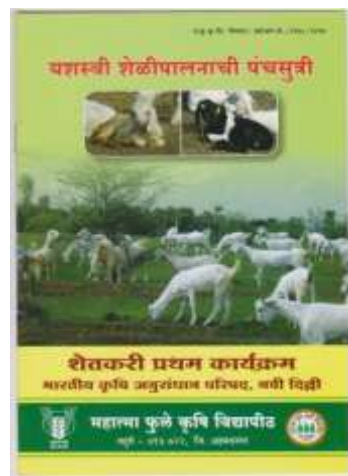
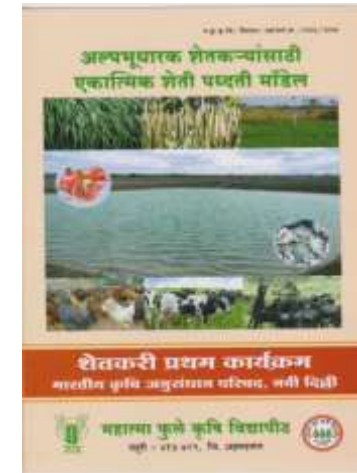
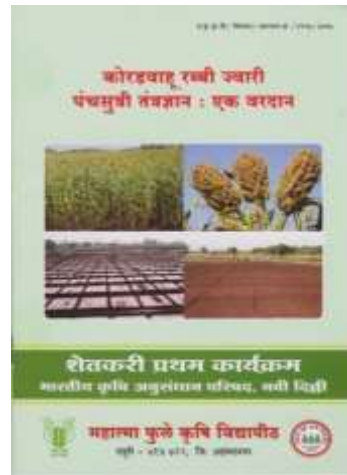
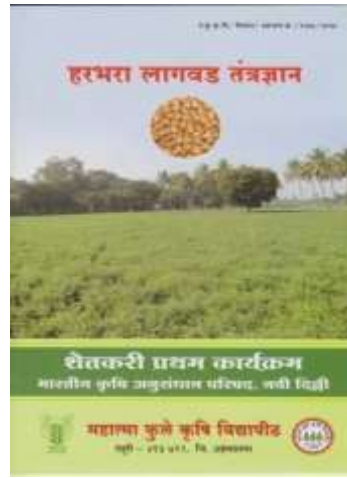
Preparation of Knowledge models



List of publications

1. IFS model for marginal farmers
2. Dry land rabbi sorghum five point technology
3. Pomegranate management technology
4. Procedure to collect soil sample and importance of soil testing
5. Chickpea production technology
6. Implements useful for women's in agricultural work
7. Five points for successful goat farming

8.



ICAR Farmer FIRST Programme

FFP Expenditure Statement 2016-17

(Rs.)

Name of Participant Institute/University	Component	BE 2016-17	Funds released	Head-wise Expenditure upto 31.03.2017
Mahatma Phule Krishi Vidyapeeth, Rahuri Dist. Ahmednagar - 413 722	A. Grant-in- aid-Capital		758000	
	Works	-		-
	Equipments	50000		50000
	IT	100000		99900
	Furniture	100000		95812
	Total (A)	250000		245712
	B. Grant-in-aid- General			
	TA	40000		25555
	HRD	50000		49930
	Research &Operational Expenditure	268000		267320
	Admn. Expenditure	150000		148844
	Total (B)	508000		491649
	Grant Total (A+B)	758000		737361

**ICAR Farmer FIRST Programme
FFP Expenditure Statement 2017-18**

(Rs. in lakh)

Name of Participant Institute/University	Component	BE 2017- 18	RE-2017- 18	Funds released till date	Head-wise Expenditure upto 31.03.2018
Mahatma Phule Krishi Vidyapeeth, Rahuri Dist. Ahmednagar - 413 722	A. Grant-in- aid-Capital			34.35 (Four instalments)	
	Works	-	-		-
	Equipments	7.25	3.50		3.438
	IT	1.00	1.00		0.999
	Furniture	2.00	2.00		2.00
	Total (A)	10.25	6.50		6.437
	B. Grant-in- aid-General				
	TA	1.60	1.60		0.445
	HRD	2.50	2.50		2.487
	Research &Operational Expenditure	21.95	20.00		19.879
	Admn. Expenditure	4.87	3.75		3.749
	Total (B)	30.92	27.85		26.56
	Grant Total (A+B)	41.17	34.35		32.997

Glimpses of ICAR Farmer FIRST Project (2017-18)

Participatory Rural Appraisal



Visit of Hon'ble DDG (Agril. Extn.), ICAR, New Delhi (July 22, 2017)



Visit of Hon'ble ADG (Agril. Extn.), ICAR, New Delhi (July 2, 2017)



Visit of EEC members Dr. Prabhu Kumar and Dr. A. M. Narula (January 5, 2018)



Training Programmes



National Workshop on Farmers Feedback on Doubling Farm income by 2022 at ICAR, NAARM, Hyderabad during December 22-23, 2017



Farm Innovators Meet at KVK, Baramati(October 7, 2017)



Farmers exposure visit to Watephal (Fishery in farm pond), Ralegan Siddhi, Hivre Bazar (January 20, 2018)



Farmer exposure visit to Sahydri Farmer Producer co., Mohadi, Nashik and Varun Agro. Pvt.Ltd., Dindori, Nashik(February 14, 2018)



Farmer exposure visit to KVK, Baramati (March 09, 2018)





Distribution of Soil Health Cards

