



VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI.
COLLEGE OF AGRICULTURE, LATUR (M.S.) 413 512
“Phased Transition of Farmers from Chemical Farming to Integrated Approach”



No. ENT/ 191/22

Date: 10/10/2022

To,
ADM Cares Foundation &
ADM Agro Industries and Vizag Pvt. Ltd.,
Latur

Subject: Submission of quarterly report on various activities conducted by College of Agriculture, Latur during June to October 2022

R/Sir,

Please find enclosed herewith the detailed information on various activities conducted under the Project on “Phase Transition of Farmers from Chemical Farming to Integrated Approach” by College of Agriculture, Latur during June to October 2022.

1. Trainings programmes conducted:

Sr. No.	Title of the trainings programme	Day	Date	Timing	Name of resource person	No. of Attendee	
						Farmers	Students
1	Integrated Management of Snails	Saturday	30.07.2022	6.30 to 9.30 pm	Dr. V.K. Bhamare, PC & Associate Professor of Entomology, CoA, Latur	200	600
2	Importance of Integrated Crop Management	Sunday	31.07.2022	9.00 am to 4.30 pm	Dr. V.K. Bhamare, PC & Associate Professor of Entomology, CoA, Latur	100	24
3	Integrated Weed Management in Soybean	Wednesday	03.08.2022	6.30 to 9.30 pm	Dr. P.N. Karanjikar, Professor of Agronomy, CoA, Latur	150	600
4	Integrated Pest Management of Soybean	Saturday	06.08.2022	6.30 to 8.00 pm	Dr. R.S. Jadhav, Asstt. Entomologist, Soybean Research Station, VNMKV, Parbhani	210	600
5	Integrated Disease Management of Soybean	Wednesday	06.08.2022	8.00 to 9.30 pm	Dr. S.J. Magar, Assistant Professor of Plant Pathology, CoA, Latur	210	600
6	Integrated Nutrient Management of Soybean:	Wednesday	10.08.2022	8.00 to 9.30 pm	Dr. H.K. Kausadikar, Director (Research), MCAER, Pune	220	600

	Planning for Spraying of Liquid Fertilizers						
7	Integrated Pest Management of Soybean	Saturday	10.09.2022	7.00 to 9.30 pm	Dr. D.D. Patait, Asstt. Entomologist , Agriculture, Technology Information Center, VNMKV, Parbhani	150	600
8	Integrated Disease Management of Soybean	Monday	12.09.2022	7.00 to 9.30 pm	Dr. S.B. Mahajan, Assistant Professor of Plant Pathology, Agriculture Research Station, Kasbe Digraj, Dist: Sangli	220	600
9	Nutrient Deficiency Symptoms in Soybean and their management	Wednesday	14.08.2022	7.00 to 9.30 pm	Dr. V.G. Takankhar, Associate Professor of SSAC, CoA, Latur	160	600
10	Soybean Present Status and Future	Friday	16.09.2022	7.00 to 9.00 pm	Dr. S.P. Mehtre, Officer In- Charge AICRP Soybean, Soybean Research Station, VNMKV, Parbhani	300	600
11	Management of Soybean Under Current Situation	Friday	30.09.2022	7.00 to 9.00 pm	Dr. V.P. Suryawanshi, Extension Agronomist, Regional Agriculture, Extension Education Center, Ambajogai Dist: Beed	140	600
12	Chickpea Production Technology	Tuesday	04.10.2022	7.00 to 9.00 pm	Dr. P. A. Pagar, Assistant Agronomist, Agriculture Research Station, Badnapur Dist: Jalna	170	600

2. Demonstration of ICM Technologies :

Sr. No.	Reg. no	Name	Research topic	Remark
Agril. Entomology				
1	2021A/50ML	Salunke Sushil Balaji	Effect of fertilizers and population dynamics of major insect pests of chilli	
2	2021A/51ML	Ahirrao Lalit Kishor	Key mortality factors and seasonal incidence of major insect pests infesting summer maize	
3	2021A/52ML	Chinthala Yashwanth Kumar	Influence of different dates of sowing on insect pests of <i>Bt</i> cotton under high density planting system	

4	2021A/53ML	Desai Siddhi Bharatrao	Evaluation of different coloured sticky traps and sticking material against sucking pests of cotton	
5	2021A/54ML	Devare Kiran Dilip	Bio-efficacy and residual toxicity of insecticides against major pests of chilli	
6	2021A/55ML	Khatake Dhanashri Prakash	Relative performance of different colour sticky traps against sucking pests of pulse crops	
7	2021A/56ML	Khedkar Pratiksha Balasaheb	Effect of chickpea varieties on growth and development of pulse beetle, <i>Callosobruchus chinensis</i> Linnaeus	
8	2021A/57ML	Mujmule Datta Sundarrao	Monitoring of field evolved insecticidal resistance and biology of <i>Phthorimaea absoluta</i> (Meyrick) infesting tomato	
9	2021A/58ML	Randive Dilip Baban	Evaluation of intercrops against insect pests of soybean	
10	2021A/59ML	Sawale Vinod Vasantrao	Comparative study of chemical and non-chemical pest management approaches in soybean	
11	2021A/60ML	Thasnifa Bindhi Sharief C.N.	Effect of different phenological stages of maize on biology of <i>Spodoptera frugiperda</i> (J.E. Smith)	
12	2021A/61ML	Wayal Dipak Balasaheb	Field life-tables and seasonal abundance of major insect pests of summer soybean	
Plant Pathology				
13	2021A/74ML.	Dohale R. R	Compatibility of <i>Rhizobium</i> spp. with agrochemicals in mungbean	
14	2021A/75ML	Chede P.D	Studies on root rot complex of chickpea	
15	2021A/76ML	Ghutukade S.A	Investigation on stem canker disease of pigeonpea	
16	2021A/77ML	Kadam A. Y	Studies on management of french bean (<i>Phaseolus vulgaris</i> L.) root rot caused by <i>Rhizoctonia solani</i> Kuhn	
17	2021A/78ML	Kapare S. B.	Effect of edaphic factors on dry root rot of soybean <i>Rhizoctonia bataticola</i> (Taub.) Butler and its management	
18	2021A/79ML	Kumbhar M. S	Studies on fungal leaf spot of mango (<i>Mangifera indica</i> L.)	
19	2021A/80ML	Kurapati Krishnaveni	Studies on Yellow mosaic disease of Mungbean	
20	2021A/81ML	Limkar P.M	Biosynthesis of silver nanoparticles by using <i>Trichoderma</i> spp and its efficacy against major soil borne fungal pathogens of Brinjal.	
21	2021A/82ML	Narvate D. P	Eco-friendly management of fruit rot of tomato caused by <i>Alternaria solani</i>	
22	2021A/83 ML	Thube P. S	"Green Synthesis of Copper nanoparticles and their efficacy against <i>Fusarium oxysporum</i> f.sp.udum causing	

			wilt of pegin pea".	
23	2021A/84ML	Suradkar R. B	Exploring seed mycoflora of Brinjal and their Management	
24	2021A/85ML	Uike V. N	Eco-friendly management of fungal soft rot of bellpepper	
Soil Science and Agril. Chemistry				
25	2021A/86ML	B.R. Chavan	Studies on graded levels of NPK on growth, yield and quality of parthenocarpic cucumber (<i>Cucumis sativas</i>) under naturally ventilated polyhouse condition	
26	2021A/88ML	V.P. Gunale	Impact of nano-DAP on growth, nutrient uptake, yield and quality of soybean (<i>Glycine max L.</i>) in Inceptisol	
27	2021A/89ML	Jyoti Ravindranath Singh	Effect of graded levels of phosphorus and phosphorus solubilizing microorganisms on growth, nutrient uptake, yield and quality of black gram (<i>Vigna mungo L.</i>)	
28	2021A/90ML Suryawanshi	S.V. Kale	Effect of nano-urea on growth, nutrient uptake, yield and quality of sunflower (<i>Helianthus annus L.</i>)	
29	2021A/91M	P.M. Khade	Effect of micronutrient application in soybean growing Zn and Fe deficient soils of Renapur Tahshil, Latur	
30	2021A/92M	P.J. Kokode	Effect of nano-DAP on growth, nutrient uptake, yield and quality of green gram (<i>Vigna radiata L.</i>)	
31	2021A/93ML	N.M. Raut	Investigation on graded levels of phosphorus and phosphorus solubilizing microorganisms on growth, nutrient uptake, yield and quality of soybean (<i>Glycine max.L.</i>)	
32	2021A/94ML	R.A. Ramteke	Effect of graded levels of phosphorus and phosphorus solubilizing microorganisms on growth, nutrient uptake, yield and quality of green gram (<i>Vigna radiata L.</i>)	
33	2021A/95ML	Shaikh Salman Shaikh Nazir	Studies on efficiency of nano-DAP fertilizer on yield, nutrient uptake and quality of soybean under Entisol	
34	2021A/96ML	D.V. Shendare	Effect of humic acid on soil nutrient availability, yield and quality of black gram	
35	2021A/97ML	A.R. Tribhuwan	Effect of micronutrient application in green gram growing Zn and Fe deficient soils of Renapur Tahshil, Latur	
Extension Education and Communication				
36	2021A/62ML	Takte Prajakta	Adoption of dryland farming	

		Prakash	technologies	
37	2021A/63ML	Bandurkar Suresh Vijay	Awareness of farmers about e-Peek pahani	
38	2021A/64ML	Bhendarkar Neha Chandu	Attitude of vegetable growers towards organic farming	
39	2021A/65ML	Bhopale Sagar Subhash	Perceived Effectiveness of Biomix among Beneficiary of turmeric growers	
40	2021A/66ML	Ghodke Rachana Vikram	Attitude of farmers towards soil health card	
41	2021A/67ML	Harde Kunal Pandit	Role of Farmer Producer Organizations in socio-economic development of farmers	
42	2021A/68ML	Pagare Yugandhara Devidas	Perception of farmers about indigenous technical knowledge in plant protection	
43	2021A/69ML	Patil Alka Laxmanrao	Role of Women in farm decision making	
44	2021A/70ML	Shinde Vaibhav Bhausahab	Knowledge and adoption of integrated nutrient management practices followed among soybean growers	
45	2021A/71ML	Sonawane Abhishek Rewanath	Perception of Farmers about use of Social Media for seeking agricultural information	
46	2021A/72ML	Ulindakond A. Aneela	Participation of Rural Women in Income Generation activities	
47	2021A/73ML	Walde Saurabh Sunil	Knowledge and Adoption of recommended Cultivation Practices among Sweet Lime Growers	

3. Lectures given in the seminars, shetkari melava, rallies and visits:

Sr. No.	Subject /Topic	Forum / Place	Date	Reference
Dr. V.K. Bhamare				
1	Integrated management of insect pests of <i>Kharif</i> crops	SDAO, Latur	25.06.2022 to 01.07.2022	Guided State Department of Agriculture personnel's and Farmers vide Lr. No.Tech-2B/Krushni Sanjeevani Mohim/2001/2022 dated 21.06.2022
2	Importance of seed treatment and Integrated pest management of soybean	Nanand, Nilanga	25.06.2022 to 01.07.2022	Celebration of Krishi Sanjeevani Week News published in Tarun Bharat on dated 28.06.2022 and Marathwada Sathi on dated 26.06.2022
3	Integrated pest management of soybean	District Co-ordinator, CROPSAP	01.07.2022	Participated and acted as resource person for various committees formulated at District Level of Latur vide Lr. No.Tech-2B/ADC/CROPSAP/22-23/2165/2022 dated 01.07.2022
4	Soybean seed germination grievances	SDAO, Latur	06.07.2022	Diagnostic visit as a member of Taluka Level Grievance Redressal Committee for prevention of problems related to the

				soybean seed germination in Nilanga Taluka Dist: Latur vide Lr. No. Tech-5/QC/Soybean Grievance /2195/2022 dated 06.07.2022
5	Integrated management of snails	SDAO, Latur	20.07.2022	As a member participated in diagnostic visits to Snails and Millipede infested areas in Latur District Lr.No.DSAO/Tech-4 /PCIS/ 2375/2022 dated 20.07.2022
6	Soybean seed germination grievances due to snails and due to poor quality seed	Panchayat Samittee, Nilanga	21.07.2022	Diagnostic visit as a member of Taluka Level Grievance Redressal Committee to soybean plots at Hanmantwadi, Sawangira, Mugaon, Gujarga, etc in Nilanga Taluka Dist: Latur vide Lr. No. PSN/Agri./217 /2022 dated 20.07.2022
6	Integrated management of snails	District Collectorate, Latur	22.07.2022	As a University Representative participated in District Level Review Committee for Pradhanmantri Crop Insurance Scheme vide Lr. No.Tech-4/DSAO/PCIS/ 2388/2022 dated 21.07.2022
7	Integrated management of snails and whiteflies	RAECC, Latur	05.08.2022	Guided State Agril. Officers vide Lr. No. GXP/67/22 dated 02.08.2022
8	Use of DRON Technology in Agriculture, Sector	SDAO, Latur	08.08.2022	Guided farmers on "Possibilities of use if Dron Technology in soybean crop" News published in Sakal AGROWON on dated 10.08.2022
9	Integrated management of snails and whiteflies	SDAO, Latur	21.08.2022	Acted as University representative during visit of Hon., Shri. Abdulji Sattar, Minister of Agriculture, Maharashtra State and Shri. Eknathji Dawale, Secretary, Ministry of Agriculture, Maharashtra State to Latur and Dharashiv districts on dated 21.08.2022 vide Lr. No.Tech-6/ Planning Agril. Minister Tour/4259/2022 dated 18.08.2022
10	Inefficacy of Herbicides in soybean	Panchayat Samittee, Latur	25.08.2022	Diagnostic visit as a member of Taluka Level Grievance Redressal Committee to soybean plots at Sonwati in Latur Taluka Dist: Latur vide Lr. No. PS Latur/QC /Karya-18 /KaVi-22 /2022 dated 24.08.2022
11	Inefficacy of Soloman insecticide in soybean	Panchayat Samittee, RENapur	25.08.2022	Diagnostic visit as a member of Taluka Level Grievance Redressal Committee to soybean plots at Pangaon Taluka Renapur Dist: Latur vide Lr. No. PS Renapur/Agri/Khavar /KaVi/363 /2022 dated 24.08.2022
	Toxicity of combination of insecticide, fungicide, PGPR, micronutrient fertilizer, etc	Panchayat Samittee, AUSA	25.08.2022	Diagnostic visit as a member of Taluka Level Grievance Redressal Committee to soybean plots at AUSA Taluka Dist: Latur vide Lr. No. PS AUSA/QC/ Karya-16/KaVi-541 /2022 dated 13.09.2022

4. Visit of dignitaries to the project:

Sr. No.	Name of the dignitary/Committee	Date/Month
1	Dr. B.M. Thombre, Associate Dean CoA, Latur, Mr. Papurva Gurg, Head, Business and Agril. Project, ADM Agro Industries, New Delhi, Mrs. Vanita Gupta, Manager, Business Development and Agril Development Project, ADM Agro, New Delhi, Mr. Amol Dhawan, ADM Agro Industries & Vizag Pvt. Ltd., Latur, Dr. A.S. Karle, Professor of Agronomy, Dr. V.B. Kamble, Professor of Extension Education, Dr. B.S. Indulkar, Professor of SSAC, Dr. P.N. Karanjikar, Professor of Agronomy, Dr. V.G. Takankhar, Associate Professor of SSAC, Dr. V.S. Jagtap, Associate Professor of Horticulture, Dr Jyoti M.. Deshmukh, Associate Professor of Extension Education , Dr. Sunita J. Magar, Assistant Professor of Plant Pathology, Dr. P.B. Adsul, Assistant Professor of SSAC, Dr. D.G. More, Assistant Professor of Entomology, Mrs. Mamata Patange, Assistant Professor of Agronomy, Dr. N.E. Jayewar, Assistant Professor of Entomology, CoA, Ambajogai	26.7.2022
2	Mrs. Sudha Narayanan, Research Fellow, International Food Policy Research Institute, New Delhi, Mrs. Aditi Gautam, Research Analyst, International Food Policy Research Institute, New Delhi, Mr. Ganesh Salunkhe, Manager, Food Chain Partnership, Bayer Crop Sciences, Mr. Amol Dhawan, ADM Agro Industries & Vizag Pvt. Ltd., Latur, Dr. P.N. Karanjikar, Professor of Agronomy, CoA, Latur	23.09.2022
3	Mr. Kapil Pagnis, Auditor PROTERA, Mr. D.L. Mane, ADM Agro Industries & Vizag Pvt. Ltd., Latur	30.9.2022

5. Photographs of various activities: Soft copy enclosed

Submitted for favour of information and perusal please.

**Project Co-ordinator and
Assoc.Prof. of Entomology,
College of Agriculture, Latur**