

Projects Approved by Approval Committee Meeting held on 9 July, 2014

(Rs. in Lac)

SN	Project Title	PI Name and Address	Ist year	IInd year	IIIrd year	Total
CROPS						
1	Identification of molecular markers for sheath blight and bacterial leaf blight in rice	Dr. P.K. Singh, Professor, Dept. of Genetics and Plant Breeding, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi	10.1246	10.1246	0.0000	20.2492
		Dr. Pagya Parmita, Assistant Professor, Deptt. of Genetics & Plant Breeding, U.P. College, Varanasi	2.3000	2.3000	0.0000	4.6000
2	Development of photo-thermo insensitive and high yielding cultivars in greengram (<i>Vigna radiata</i> (L.) Wilczek) through AB-QTL approach.	Dr. Aditya Pratap, Senior Scientist (PB), Divi. of Crop Improvement, IIPR, Kanpur	8.0086	6.6286	6.9598	21.5970
		Dr. Atar Singh, Asstt. Prof. Dept. of Genetics and PB, SVPUAT, Meerut	5.4786	5.4786	5.8098	16.7670
3	Designing, Validation and identification of molecular markers for abiotic stress and related impact analysis on bioactive compounds of turmeric.	Dr. (Mrs.) Vaishali, Assistant Professor (Sr.), Dept. of Biotechnology, SVPUAT, Meerut	11.8496	6.0996	0.0000	17.9492
4	Genome-wide characterization of DNA binding with one finger (DOF) transcription factor gene family of chickpea for identifying genomic resources for developing biotic and abiotic stress tolerance	Dr. Dinesh Yadav, Associate Professor, Dept. of Biotechnology, Deen Daya, Upadhaya Gorakhpur University, Gorakhpur	4.9496	4.9496	5.2808	15.1800
5	Marker- assistant introgression of <i>saltol</i> 1 in to <i>elite</i> rice variety for tolerance to salinity	Dr. Vijay Kumar Yadav, Rice breeder and officer-in-charge. AICRP on rice CSAUAT, Kanpur	5.4096	5.2946	5.6258	16.3300
6	Identification of CMS-based Drought Tolerant Hybrid Rice for Eastern Uttar Pradesh through Participatory mode	Dr. S.K. Singh, Prof. Dept. Genetics & Plant Breeding, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi - 221 005	12.1141	5.9846	6.3158	24.4145
7	Tagging <i>Alternaria</i> blight resistance loci and marker assisted backcrossing (MABC) in linseed (<i>Linum ussitatisimum</i> L.)	Dr. Hemant Kumar Yadav, Senior Scientist, NBRI, Lucknow	11.1872	7.7372	5.7684	24.6928
		Dr. P.K. Singh, Project Coordinator, AICRP on Linseed, CSAUAT, Kanpur	4.2872	3.4592	2.3184	10.0648

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		Dr Rajendra Kumar, Principal Scientist, ICAR & Director General, UPCAR, Lucknow	5.0600	4.8300	3.9100	13.8000
8	Establishment of GI, IPR and Organic Facilitation Cell at UPCAR	Dr. Sujit Kumar, Scientific Officer, Plant Breeding, UPCAR	18.5500	15.8500	15.6000	50.0000
		Total (Crops)	99.3191	78.7366	57.5888	235.6445
HORTICULTURE						
1	Promotion of Vegetable cultivation through different extension methods in western U.P.	Dr. Dan Singh, Assistant Professor, Dept. of Agril. Extension, SVPUAT, Meerut	9.6071	9.7796	0	19.3867
2	Publication of technical documeng in Hindi entitled : कद्दूवर्गीय सब्जियों की वर्ष भर खेती-क्यों, कब और कैसे?	Dr. Sheo Pujan Singh, Professor, Vegetable Science, NDUAT, Faizabad	2.1275	0	0	2.1275
3	Standardization of protocols and promotion of organic cultivation for Turmeric (<i>Curcuma longa</i>) in U.P.	Dr. Devendra Singh, Scientist, NBRI, Lucknow	5.9846	4.7771	0	10.7617
4	Evaluation of high yielding varieties/hybrids of cucurbitaceous vegetables for rived bed (<i>diara</i> land) cultivation and standardization of their agro-techniques	Dr. Sudhakar Pandey, Sr. Scientist, IIVR, Varanasi	7.9396	6.2721	6.7758	20.9875
		Dr. V.M. Prasad, Professor & Head, Department of Horticulture, Institute of Agriculture, Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad	7.7671	6.2146	5.9133	19.895
		Dr. S. S. Yadav Associate Professor/Officer In-charge, Section of Vegetable Science, C. S. Azad University of Agriculture & Technology, Kalyanpur, Kanpur	7.7671	6.2146	5.9133	19.895
5	Identification and promotion of suitable potato processing genotypes for different region of state and development of diversified products	Dr. V.K. Gupta, Senior Scientist, CPRI, Shimla	4.8346	3.9146	4.2458	12.995
		Dr. Neelam Yadav, Associate Professor, Centre of Food Technology, University of Allahabad, Allahabad	10.2396	4.0296	4.3608	18.63
		Total (Horticulture)	56.2672	41.2022	27.209	124.6784
ECONOMICS						

SN	Project Title	PI Name and Address	Ist year	IInd year	IIIrd year	Total
1	Economic and Environmental Impact of Resource Conservation Technologies in different agro-climatic Zones of U.P.	Dr. O.P. Singh, Assistant Professor (Stage II), Dept. of Agricultural Economics, Institute of Agricultural Sciences, BHU, Varanasi	8.9383	7.3283	7.0845	23.3510
PLANT PROTECTION						
1	Studies on Climate volatility and its impact on pests of pulses at micro level in varied agro-ecosystem of U.P.	Dr. S.K. Singh, Principal Scientist, Entomology, IIPR, Kanpur	15.5009	4.0296	4.6483	24.1788
2	Development and validation of potential formulation(s) of plant growth promoting rhizobacteria (PGPR) in multicide mode for pest management in vegetables	Dr. A.B. Rai, Head and Principal Scientist, Dept. of Entomology, Indian Institute of Vegetable Research (ICAR), P.O. Bag No. - 01, P.O. - Jakhini, Varanasi, U.P.	10.6996	7.3646	6.8333	24.8975
3	Management of collar rot and wilt of chickpea and early blight of tomato with resident biocontrol bio-control agents and endophytic fungi	Dr. Ramesh Singh, Assistant Professor, Dept. of Plant Pathology, College of Agriculture, SVPUAT, Meerut	13.6321	6.0996	4.1308	23.8625
4	Characterization and development of bio-pesticide from native entomopathogenic fungi isolates for the management of Bihar hairy caterpillar in pulse ecosystem	Dr. G.K. Sunjayananad, Scientist, IIPR, Kanpur-	12.6546	6.1571	6.1433	24.9550
5	Development of microbial consortia from locally available biocontrol agents for the management of root knot diseases in vegetable crops	Dr. Rakesh Kumar Singh, Assistant Professor, Dept. of Mycology and Plant Pathology, BHU	7.6530	7.6530	7.9838	23.2898
Total (Plant Protection)			60.1402	31.3039	29.7395	121.1835
NATURAL RESOURCE MANAGEMENT						
1	Development of <i>Melia dubia</i> based agro-forestry system for different agroclimatic zones of eastern U.P.	Dr. Kumud Dubey, Director, Centre for Social Forestry and Eco-Rehabilitation, Allahabad	6.5320	6.1870	6.1870	18.9060
2	Land modification based integrated farming systems under waterlogged and waterlogged sodic conditions	Dr. Chhedi Lal Verma, Senior Scientist, CSSRI, RRS, Lko.	12.4821	6.2721	6.2008	24.9550
3	Standardization of the sources and levels of organic carbon on the yield and quality of Kalmegh (<i>Andrographis paniculata</i> Well. ex Nees)"	Dr. Lal Bahadur, Scientist (Soil Science), NBRI, Lucknow	6.3300	6.3300	6.6610	19.3210
4	Role of micro-climate in soil carbon sequestration in five pulses in Indo-Gangetic Plains of U.P.	Mr. Soumit Kumar Behera, Scientist, NBRI, Lucknow	5.2371	4.6621	4.9933	14.8925

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5	Bio-prospecting of microbes from different agro-ecological niches for promotion of low-input green technology for sustainable and organic farming in Eco-Agriculture (Networking project)	Dr. Renu, Senior Scientist (Bio-technology), National Bureau of Agriculturally Important Micro-organisms (ICAR), Kusmaur, Mau Nath Bhanjan, U.P.	5.1888	4.7288	5.0324	14.9500
		Dr. Munish Kumar, Associate Professor, Chandra Shekhar University of Agriculture and Technology, Kanpur	4.9496	4.9496	5.0508	14.9500
6	Bio-remediation of salt affected soils of U.P. through halophilic microbes to promote organic farming	Dr. Sanjay Arora, Senior Scientist (Soil Science), Central Soil Salinity Research Institute (ICAR), Regional Research Station, Jail Road, P.O. Dilkusha, Lucknow	10.4351	6.9161	7.2473	24.5985
7	Functional characterization of stress tolerant PGPR and biochar enrichment under organic farming of legumes and cereal based cropping sequences	Dr. Janardan Yadav, Professor, Soil Sciences and Agril. Chemistry, (Soil microbiology/ biofertilizer) Institute of Agricultural Sciences, BHU, Varanasi	4.9910	4.9910	4.9910	14.9730
8	Strengthening of Crop Weather Watch Group (CWWG) at UPCAR, Lucknow (U.P.)	Dr. Vinod Kumar Tiwari, Scientific Officer (Soil Science and Water Management), U.P. Council of Agricultural Research, Lucknow	15.7600	18.4800	15.7600	50.0000
Total (NRM)			71.9057	63.5167	62.1236	197.5460
ANIMAL HUSBANDRY, DAIRY AND FISHERIES						
1	Imparting scientific knowledge of animal rearing for better production through technology transfer to livestock owner	Dr. Sarvajeet Yadav, Director Extn. and Prof. & Head, Vet. Physiology, UP Pt. DDU Pashu Chichiksa Vigyan, Univ. Mathura	4.8530	5.3130	4.6460	14.8120
2	Advances in the management of infertility in cattle and buffalo	Dr. Harendra Kumar, Principal Scientist and Head, Animal Reproduction Division, Indian Veterinary Research Institute, Izatnagar, Bareilly - U.P.	7.3140	7.3140	7.3140	21.9420

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3	Assessment of livestock healthcare delivery system and scope for its improvement in U.P.	Dr. D. Bardhan, Sr. Scientist, Div. of Livestock Economics, Statistics and IT, Indian Veterinary Research Institute, Izatnagar, Bareilly - U.P.	5.5108	5.9708	4.4620	15.9436
4	Therapeutic Potential of Caprine Bone Marrow Derived Mesenchymal Stem Cell Conditioned Media	Dr. Vikas Chandra, Scientist (SS), IVRI, Izatnagar	11.0883	8.3858	0.0000	19.4741
5	Evaluation of Molasses Based Multi-nutrients liquid supplements for improving reproductive and productive performance in buffaloes	Dr. Putan Singh, Principal Scientist, IVRI, Izat Nagar, Bareilly	6.0996	8.4456	6.7896	21.3348
6	Early detection of subclinical mastitis	Dr. Ved Prakash, Dept of Animal Husbandry & dairying, CSAUAT, Kanpur	10.7571	7.2496	6.4308	24.4375
7	Improvement of Gangatiri Cow	Dr. Ram Pal Singh, Assistant Professor, Dept. of Animal Husbandry and Dairying, SHIATS, Allahabad	11.8496	2.6496	2.9808	17.4800
8	Impact of seasonal variations and pollution load on aquatic environment and fish farming at micro level in different aquatic zones of Rohilkhand	Prof. Neelima Gupta, Dept. of Animal Science, M.J.P. Rohilkhand University, Bareilly.	6.0996	4.9496	5.2808	16.3300
		Dr. Anil Kumar Garg, Principal Scientist, Indian Veterinary Research Institute, Izatnagar	2.4150	3.1050	3.1050	8.6250
Total (AH&F)			65.9870	53.3830	41.0090	160.3790
EXTENSION						
1	Harnessing modern communication technologies for sharing of available knowledge resources with pulse growing farmers of U.P.	Dr. Uma Sah, Senior Scientist (Agricultural Extension), Indian Institute of Pulses Research, Kanpur	8.0661	7.9511	7.8932	23.9104
2	Evaluation of farmer's advisory systems, adoption extent and impact assessment of agricultural technologies in eastern U.P.	Dr. Prakash Singh, Associate Prof. Agril. Exten., NDUAT, Faizabad	5.5913	6.0628	5.6649	17.3190
3	Validation and promotion of participatory IPM technology in vegetable	Dr. Kuldeep Singh, Assistant Prof. Udai Pratap College, Varanasi	5.6396	5.8696	6.4883	17.9975
Total (Extention)			19.2970	19.8835	20.0464	59.2269

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HOME SCIENCE						
1	Strategic approaches for value addition and promotion of underutilized vegetable crops for combating micronutrient deficiencies in Allahabad district	Dr. (Mrs.) Anisha Verma, Asst. Prof. Dept. of Food and Nutrition, Home Science SHIATS	3.2867	3.1694	3.3189	9.7750
2	Role of women in food security to Safeguard Agricultural Productivity in U.P. state	Dr. Neelma Kunwar, Associate Professor, Home Science, CSAUAT, Kanpur	9.5496	5.4096	0.0000	14.9592
	Total (Home Science)		12.8363	8.5790	3.3189	24.7342
	GRAND TOTAL		394.6907	303.9332	248.1196	946.7435