



**Strengthening of Research for
Sustainable Yield and Value addition in
Soybean**

Implementation for the period 2023-24 to 2025-26



**MAHATMA PHULE KRISHI VIDYAPEETH
RAHURI, DIST. AHMEDNAGAR (MAHARASHTRA)**

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Univ. Reso. No. MTG-3(736)/248 /of 2023

Date-05/09/2023

Read : 1. Govt. of Maharashtra GR No. MPV 1422/L.No.253/ 7-A Date- 31-03-2023
2. Executive Council Reso. No. 16 date- 15/06/2023

The State Government of Maharashtra, has sanctioned an amount of Rs. 450.00/- Lakhs (Rupees Four Hundred Fifty Lakhs only) for implementation of project entitled, "Strengthening of Research for Sustainable Yield and Value addition in Soybean" under Mahatma Phule Krishi Vidyapeeth, Rahuri at three centres viz. 1. Agriculture Research Station, Kasbe Digraj 2. State Level Biotechnology Centre, M.P.K.V., Rahuri and 3. Office of Chief Scientist (Seeds), M.P.K.V., Rahuri for a period of 3 years w.e.f. 2023-24 to 2025-26 vide letter referred at Sr. No.1 above

RESOLUTION:

On approval accorded by the Hon'ble Governor, Maharashtra State vide letter under reference at Sr. No. 1 and Resolution passed by the by the Executive Council referred to at Sr. No. 2 above, the Hon'ble Vice-Chancellor is pleased to accord sanction for implementation of project entitled, "Strengthening of Research for Sustainable Yield and Value addition in Soybean" under Mahatma Phule Krishi Vidyapeeth, Rahuri for a period of 3 years (w.e.f. 2023-24 to 2025-26), at a cost not exceeding Rs. 450.00/- Lakhs (Rupees Four Hundred Fifty Lakhs only). Agriculture Research Station Kasbe Digraj (Sangli) will act as a lead Centre; with State Level Biotechnology Centre, M.P.K.V., Rahuri and Office of Chief Scientist (Seeds), M.P.K.V., Rahuri acting as co-opting centre for the same project.

The terms and conditions prescribed by funding agency to be followed scrupulously. The university will have no liability whatsoever towards the temporary posts engaged in this project. The headwise allocation of funds is shown in *Annexure-A*.

The Associate Professor of Agril. Botany, Agricultural Research Station, Kasbe Digraj shall act as Principal Investigator of this project, whereas, the Chief Scientist (Seed), M.P.K.V., Rahuri, the Associate Professor of Agril. Botany, State Level Biotechnology Centre, M.P.K.V., Rahuri, the Assistant Professors of Soil Science, Plant Pathology and Irrigation Drainage Engineering, ARS, Kasbe Digraj, Assistant Professors of Agril. Botany, State Level Biotechnology Centre, M.P.K.V., Rahuri and Office of Chief Scientist (Seeds), M.P.K.V., Rahuri shall act as a Co- Principal Investigators.



The technical and administrative control of the project shall rest the Officer Incharge, Agricultural Research Station, K. Digraj; while the financial control will rest with Drawing & Disbursing Officer of ARS, K, Digraj, State Level Biotechnology Centre, Rahuri and Chief Scientist (Seeds), Rahuri for the grants allocated at their disposal. The overall control of the project shall rest with Director of Research, MPKV, Rahuri.

Hon. Vice-Chancellor is further pleased to accord permission for filling up temporary post of Junior Research Fellow/Field Asstt/ Data Operator on consolidated pay as prescribed under the guidelines of the project and by following due procedure. This university will have no liability whatsoever towards those temporarily engaged in this project.

The outcome of the execution shall be evaluated the Directorate level and the evaluation report shall be submitted along with annual AUC.

This Resolution is issued in concurrence of the Comptroller vide his un-official reference No Cr 975 VC, dated 22/08 /2023

Sd/-
Registrar
MPKV,Rahuri

f.w.c.s. for information and necessary action to :-


1. The Secretary to Government Agriculture/ AHD & Fish Department, Mantralaya, Mumbai- 32
2. The Member-Secretary, MCAER, 132/B, Bhamburda, Bhosalenagar, Pune -7
3. The Director of Research/ Instruction/Extension, MPKV, Rahuri
4. The Dean. Faculty of Agriculture, MPKV, Rahuri
5. The Associate Dean (All)
6. The Heads of Departments (All)
7. The Associate Director of Research NARP (All).
8. The Comptroller/ The Planning Officer, MPKV, Rahuri
9. The Deputy Registrar (Admin), MPKV, Rahuri
10. The Asstt. Comptroller (II/III/IV)/ PAO. Kolhapur/Rahuri
11. The Officer Incharge, ARS, Kasbe Digraj
12. The Officer Incharge, State Level Biotechnology Centre, Rahuri
13. The Chief Scientist (Seeds), MPKV, Rahuri
14. PA to Hon. Vice Chancellor, MPKV, Rahuri
15. Dr. M. P. Deshmukh, Asso. Prof. of Agril. Botany, ARS, K. Digraj (Principal Investigator)
16. Dr. A. V. Solanke, Chief Scientist (Seeds), MPKV, Rahuri (Co- Principal Investigator)
17. Dr. V. P. Chimote, Asso. Prof. of Agril. Botany, State Biotechnology Centre, Rahuri
(Co- Principal Investigator)
18. Dr. S. D. Rathod, Asstt. Prof. IDE, ARS, K.Digraj (Co- Principal Investigator)
19. Dr. S. D. Kale, Asstt. Prof. Soil Science,ARS, K.Digraj (Co- Principal Investigator)
20. Dr. K. C. Ghagare Asstt. Prof. Agril. Botany, Office of Chief Scientist (Seeds), M.P.K.V.,
Rahuri (Co- Principal Investigator)
21. Dr. A. R. Aher, Asstt. Prof. Agril. Botany, State Level Biotechnology Centre, Rahuri
(Co- Principal Investigator)
22. Dr. S. B. Mahajan, Asstt. Prof. Plant Pathology, ARS, K.Digraj (Co- Principal Investigator)


Deputy Registrar (Admin.)
MPKV,Rahuri

Annexure A

Head wise Allocation of funds for the project entitled, "Strengthening of Research for Sustainable Yield and Value addition in Soybean"

Sr.No	Particulars	ARS K Digraj	State Level Biotech. Centre Rahuri	Seed cell MPKV, Rahuri	Total Amount (Lakhs)
I	Non-Recurring				
1.	Purchase of – Equipment (As per the list enclosed in Annexure B), Motor cycle (1), Tractor Implement (3), Water Tanker (1), Computers/Laptops (4) printers (4).	60.00	127.55	0	187.55
2.	Renovation/Repairs of- Lift Irrigation, Training hall with furniture, soybean seed godown, Land levelling, Pipelines, Laboratory	47.35			47.35
II	Recurring				
1	Skilled manpower(3 years)				
	JRF (2) Rs. 31000 + 9 % HRA	12.16	12.16		24.32
	Field Astd. (2) (Rs. 15000 + 9 % HRA)	7.06	7.06		14.12
	Data operator (2) (Rs.15000 + 9 % HRA)	5.89	5.89		11.78
2.	Contingencies /Consumables (chemicals, glass-ware, plastic wares, labour wages, fertilizers, pesticides, herbicides, sampling bags, seed storage bags, stationary, miscellaneous etc)	30.00	30.00	100.88	160.88
3.	TA & POL	3.00	1.00		4.00
	Total (I+ II+ III) Revised	165.46	183.66	100.88	450.00


 Deputy Registrar (Admin.)
 MPKV, Rahuri



Annexure B

List of equipment's to be purchased under non-recurring contingencies in the project entitled, "Strengthening of Research for Sustainable Yield and Value addition in Soybean"

SN	Name of the equipment	Quantity
A.	ARS, K. Digraj	
1.	UV-VIS Spectrophotometer	1
2.	Protein Analyzer	1
3.	Soxhelt apparatus	1
4.	Centrifuge High speed	1
5.	Thermostatic Water bath	1
6.	Plant Digestion Unit	1
7.	Root scanner	1
8.	Irga Photosynthetic System	1
9.	Laboratory workstation	2
10.	Laboratory racks	4
11.	Electronic Weighing & Analytical balance	2
12.	Minor instruments (pH/EC/Vortex)	1 each
13.	Plant and Soil sampling and processing equipment's (Auger, Grinder, sieve, mortal etc)	1 each
14.	Autoclave – Vertical, Fully automatic	1
15.	Laminar air flow with UV light	1
16.	Incubator – 300 lit capacity	1
17.	Refrigerator – 265 lit capacity	1
18.	Repair & Maintenance for the lab equipment's	
B.	State Level Biotechnology Centre	
19.	Ultrapure Water purification system	1
20.	Gradient PCR thermal cycler	1
21.	Gel Documentation system (UV/VIS)	1
22.	Submarine Horizontal gel Electrophoresis System (Large, Midi and Mini)	4
23.	Deep Freezer	2
24.	Refrigerator	3
25.	Electronic Weighing balance display High precision	3
26.	Centrifuge High speed refrigerated with variable sized rotors	2
27.	Micro centrifuge High speed non-refrigerated	1
28.	UV-VIS Spectrophotometer	1
29.	Nano Drop spectrophotometer	1
30.	Thermostatic water bath with digital display	2
31.	UV Trans-illuminator with filter	
32.	Autoclave	
33.	Tissue Homogenizers/Lyser with adapters	1
34.	Rotary incubator shaker	1
35.	Central voltage stabilizers	2
36.	Research Microscope with imaging systems	1
37.	UPS Systems	4
38.	Vertical gel electrophoresis system	1
39.	Minor Instruments (pH meter/ Vortex/Microspin/Microwave oven)	4 each
40.	Liquid nitrogen containers	3


Deputy Registrar (Admin.)
MPKV, Rahuri