



Study on Determining Storage Losses
of Pulses Stored in Warehouses and to
Recommend Norms for Loss/Gain
during Long Term Storage

Implementation for the period 2023- 2024
to 2026-2027



**MAHATMA PHULE KRISHI VIDYAPEETH
RAHURI, DISTRICT: AHMEDNAGAR
(Maharashtra)**

Univ.Reso. No. MTG-3 (742)/287 /of 2023

Date: 5/7/2023

- Read :-**
- 1) Proposal Submitted to Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India by ICAR –CIPHET, Ludhiana
 - 2) MoU for Contract research between ICAR –CIPHET, Ludhiana and DoCA, Government of India, Dated 24-06-2023
 - 3) No.1-1/CIPHET/DoCA Project/2023, Dated 28.04.2023
 - 4) No. DOR/ADR/DDR-3/CIPHET/1139/2023, Dated 05.07.2023
 - 5) F.No.1-1/CIPHET/DoCA Project/2023, Dated 24.08.2023
 - 6) Letter of Agreement between ICAR –CIPHET, Ludhiana and MPKV Rahuri.
 - 7) Executive Council Reso. No. 26/340/2023, Dated 21/09/ 2023

ICAR-Central Institute of Post Harvest Engineering and Technology, Ludhiana has submitted Proposal on ICAR-DoCA Project entitled "Study on Determining Storage Losses of Pulses Stored in Warehouses and to Recommend Norms for Loss/Gain during Long Term Storage" to Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India. Subsequently, the Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India approved the project entitled "Study on Determining Storage Losses of Pulses Stored in Warehouses and to Recommend Norms for Loss/Gain during Long Term Storage" with the objectives (i) To identify the extent of gain/losses in weight for selected pulses, (ii) To identify the factors responsible for losses/gains during storage, (iii) To arrive at storage loss/gain norms in specific regions/state with respect to various factors and (iv) To suggest ways and means to reduce the extent of storage losses as per Referred at Sr. No. 1 & 2. Accordingly ICAR-Central Institute of Post Harvest Engineering and Technology, Ludhiana worked as Lead Centre and has involved 9 Cooperating Centre with four agencies for providing facilities and stacks for the study. In this context, Mahatma Phule Krishi Vidyapeeth, Rahuri is one of the collaborating centres for the period of 2023-2024 to 2026-2027 as per referred at Sr. No. 3 to 5. The total approved amount of Rs.57.69 lakh for the project as per the MoU sign between ICAR-CIPHET, Ludhiana and Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India as per referred at Sr. No. 1 to 5 and Annexure I. The University also sign the letter of agreement with ICAR- Central Institute of Post-Harvest Engineering and Technology on dated 26.07.2023 for the implementation of project as per the agreed guidelines as per referred at Sr. No. 6.



RESOLUTION:

On approval accorded by the ICAR-Central Institute of Post Harvest Engineering and Technology, Ludhiana and Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India vide letter under reference at Sr. No. 1 to 5 and Resolution passed by the Executive Council referred to at Sr. No. 7 above, the Hon. Vice-Chancellor is pleased to accord sanction for implementation of project entitled “**Study on Determining Storage Losses of Pulses Stored in Warehouses and to Recommend Norms for Loss/Gain during Long Term Storage**” under Mahatma Phule Krishi Vidyapeeth, Rahuri at Department of Agricultural Process Engineering, Dr. Annasaheb Shinde College of Agricultural Engineering and Technology, MPKV, Rahuri for a period of 2023-2024 to 2026-2027, at a total cost not exceeding **Rs. 57.69 lakh** (Rupees Fifty seven lakh sixty nine thousand only).

The terms and conditions prescribed by funding agency to be followed scrupulously. The headwise allocation of funds is shown in *Annexure-A*.

Dr. V. P. Kad, Associate Professor, Department of Agricultural Process Engineering, Dr. Annasaheb Shinde College of Agricultural Engineering and Technology, MPKV, Rahuri shall act as Principal Investigator of this project. Dr. K. J. Kamble, Associate Professor Department of Agricultural Process Engineering, Dr. Annasaheb Shinde College of Agricultural Engineering and Technology, MPKV, Rahuri, Dr. V. R. Shelar, Seed Research Officer, Seed Technology Research Unit, MPKV, Rahuri, Prof. Mrs. R. S. Bhoge, Assistant Seed Research Officer (Entomology), Seed Technology Research Unit shall act as Co-Principal Investigators of this project. The administrative control of the project shall rest with the Associate Dean, Dr. Annasaheb Shinde College of Agricultural Engineering and Technology, MPKV, Rahuri, The technical control of the project shall rest with the Head, Department of Agril. Process Engineering. While the financial control will rest with Drawing & Disbursing Officer of Assistant Registrar, Dr. A. S. College of Agril. Engineering and Technology, MPKV, Rahuri. The overall control of the project shall rest with the Director of Research, MPKV, Rahuri.

Hon. Vice-Chancellor is further pleased to accord permission for filling up temporary posts of (04) YP/SRF/Skilled labour on consolidated pay as prescribed under the guidelines of the project and by following due procedure as shown in *Annexure-B*. This University will have no liability whatsoever towards those temporarily engaged in this project.

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

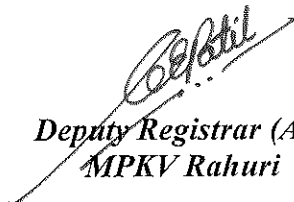
This Resolution is issued in concurrence of the Comptroller vide his un-official reference No. Cr.1639 VC, dated 30/11/2023

Sd/-
Registrar
MPKV, Rahuri



F. w. cs. for information to –

- 1) The Director, ICAR-Central Institute of Post Harvest Engineering and Technology, P.O. PAU, Ludhiana -141 004, Panjab.
- 2) Department of Consumer Affairs, Ministry of Consumer Affairs, Food and Public Distribution, Government of India.
- 3) The Director (Research), MCAER, 132/B, Bhamburda, Bhopalnagar, Pune-7,
- 4) The Director of Research/Instruction/Extn.Education, MPKV, Rahuri.
- 5) The Dean, Faculty of Agriculture, MPKV, Rahuri.
- 6) The Associate Dean (All)
- 7) The Nodal Officer, MPKV, Rahuri.
- 8) The Associate Director of Research (All)
- 9) The Heads of Departments (All),
- 10) The Comptroller, MPKV, Rahuri.
- 11) The Planning Officer, MPKV, Rahuri.
- 12) The Deputy Registrar (Admn./ACD), MPKV, Rahuri.
- 13) The Asstt. Comptroller (II/III/IV), MPKV, Rahuri.
- 14) Pay and Account Officer, MPKV, Rahuri.
- 15) Dr. V. P. Kad, Associate Professor, Department of Agricultural Process Engineering, Dr. A. S. College of Agril. Engineering and Technology, MPKV, Rahuri, (Principal Investigator)
- 16) Dr. K. J. Kamble, Associate Professor Department of Agricultural Process Engineering Dr. A. S. College of Agril. Engineering and Technology, MPKV, Rahuri, (Co- Principal Investigator)
- 17) Dr. V. R. Shelar, Seed Research Officer, Seed Technology Research Unit, MPKV, Rahuri, (Co- Principal Investigator)
- 18) Prof. R. S. Bhoge, Assistant Seed Research Officer (Entomology), Seed Technology Research Unit, MPKV, Rahuri, (Co- Principal Investigator)
- 19) The PA to Hon. Vice-Chancellor, MPKV Rahuri.


Deputy Registrar (Admn.)
MPKV Rahuri



Annexure-A

Headwise Allocation of funds for ICAR-DOCA Project entitled "Study on Determining Storage Losses of Pulses Stored in Warehouses and to Recommend Norms for Loss/Gain during Long Term Storage"

Centre Name	Capital	Rs. in lakh						
		Contingency					Contingency Total	Grand Total
		Inst. Charges*	Res. & Op.	Salary	TA	Work shop		
MPKV, Rahuri	4.19	4.44	5.00	39.36	4.70	0.00	53.50	57.69
2023-24	4.19	0.97	1.50	8.24	1.20	0.00	11.91	16.10
2024-25		1.39	1.50	12.36	1.50	0.00	16.75	16.75
2025-26		1.39	1.50	12.36	1.50	0.00	16.75	16.75
2026-27		0.69	0.50	6.40	0.50	0.00	8.09	8.09

*As the funding agency (DoCA) has deducted 2% TDS on overall budget amount, same deduction will be made on budget allocated to Cooperating Centre during release of funds from ICAR-CIPHET, Ludhiana. The reduction may be accommodated in Institutional charges.



Deputy Registrar (Admn.)
MPKV Rahuri



Annexure-B

Provision of contractual man power

Sr. No	Name of the Post	Discipline/ Subject	No. of Posts	Qualifications	Emoluments (Rs. Per month)
1.	Young Professional-I	Agricultural Engineering/Agriculture	02	a) Essential Graduates in Agricultural Engineering/Agriculture or equivalent with 4 Years bachelor's degree. b) Desirable Experience in experimentation and data collection. Knowledge in computer applications like MS Office, MS Excel, internet, etc	@ Rs. 25000/- per month (Fixed Pay)
2.	Senior Research Fellows (SRF)	Processing and Food Engineering or Agricultural Structures and Process Engineering	01	a) Essential Master's Degree in Processing and Food Engineering or Agricultural Structures and Process Engineering or Equivalent, with 4- or 5-Years bachelor's degree. The Candidates having 3-years bachelor's degree must have NET qualification b) Desirable Research experience, experience in data analysis, NET/GATE qualified. Proficiency in computer applications like MS Office, MS	@ Rs 31,000/- + HRA (admissible) consolidated per month for 1st and 2nd year. and Rs 35,000/- + HRA (admissible) for 3rd year
3.	Skilled Labour	12th Passed/Diploma/Graduate in any discipline	01	a) Essential 12th Passed/Diploma/Graduate in any discipline b) Desirable Proficiency in Computer Applications • Typing- Marathi 30, English 40 or more	@ Rs 15,000/- consolidated per month


Deputy Registrar (Admn.)
MPKV, Rahuri