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Director Research
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निदेशक अनुसंधान

No. : 08 /DR
Date: 10-04-2023

All Principal Investigators of AICRP

Sub: Submission of Research Highlights for compilation in Agenda note

You are requested to submit the Research Highlights of AICRP/University Funded Research Projects/Other Projects in the following proforma for compilation in Agenda note of **14th Research Council Meeting, Kharif-2023 on** or before **15.04.2023 positively** in hard and soft copy only. Research highlight in **PDF file** or in **Tabular Form** will not be accepted.

Guidelines for submission of research highlights for agenda notes are enclosed herewith for your convenience and uniformity in compilation of agenda notes.

10/04/23
(A.K.Singh)

CC: Officer Incharge, ARIS Cell for display on University website and Notice Board.
CC: Secretary to V.C. for kind information to the Hon'ble Vice-Chancellor.

Proforma

Name of the Project: AICRP on STCR*
Name of the Experiment: Long Term Effect of Organic Manure, Crop Residues & Inorganic Fertilizer on Grain Yield of Rice (58th Crop).*
Name of the Scientist(s): Dr. Mukesh Kumar, Dr. Shankar Jha and Dr. S. N. Suman
Date of start: Rabi 1988 -89 No. of years conducted: 28 years

Brief Research Highlights*: Grain and straw yield of rice (58th crop) increased significantly with increasing levels of fertilizers up to 150% NPK. The relative performance of organic manure and crop residues on the yield of Rice varied in the order: Compost + crop residues > compost > crop residues > no compost or no crop residues. The result indicates that crop residues could substitute compost @ 10 t/ha. The compost, crop residues and compost + crop residues increased the grain yield of rice 27.10, 24.80 and 34.31%, respectively and that of straw yield 18.93, 17.61 and 25.06%, respectively.

Plan of work for the ensuing season: To be continued.

- **Recommendations based on concluded trials*:** The results suggest that compost + crop residues could save 50 % recommended dose of NPK *i.e.* 60 kg N, 30 kg P_2O_5 and 20 kg K_2O/ha.

*** Only these words should be in bold letters.**