

AICRIP Experimental database Portal(<http://www.aicrip-intranet.in>)

All India Coordinated Rice Improvement Programme (AICRIP) is the largest research network on a single crop comprising 47 funded (196 scientists) and about 100 voluntary centres (more than 120 scientists) spread across all the rice growing states of the country. The main objective of the AICRIP is to organise and conduct multi-disciplinary and multilocation evaluation of varietal, crop production and protection technologies across diverse ecosystems to increase and stabilise rice production. The AICRIP system comprises of experiments under seven major disciplines viz., Varietal Improvement (Breeding, Hybrid rice), Crop Production (Agronomy, Soil Science, Plant Physiology), Crop Protection (Entomology, Plant Pathology).

Over the decades, the main center accustomed to take up the challenge of laborious job of compilation and arrangement of data to the suitable statistical packages and then statistical analysis and report writing within the limited time period between receipt of data and conduct of workshop.

AICRIP Intranet portal is the first experimental data portal in ICAR covering the experiments/trials from seven disciplines. This portal was designed with the concept of database management for easy retrieval and reuse of data. The major problem of the time and labour in arranging the data for analysis and reports will be drastically reduced by using this portal. Data will be directly added to the centralized database in the prescribed format and maintained on the server. The data can be easily analysed with the aid of user friendly interfaces and reports will be generated as per the format of final tables in the progress reports. Reports are generated to excel files for ease of copy and paste the data in progress reports. Once centers upload data through AICRIP Intranet, the job of coordinating center will be checking and analysing the data and generating the report in Intranet. The data is maintained in uniform format in the central database at IIRR. Further, this data will be useful for assessing the performance of genotypes to different stresses over the years across disciplines and locations.

At present, trial wise consolidated reports are designed for individual disciplines across locations, State-Zonal Analysis along with performance over checks. Further, Additional queries like performance of technologies across trials, disciplines and centers over the years will be added to the portal.

Of late the technology revolution in ICT is moving towards Precision farming, Artificial Intelligence and machine/deep learning platforms, AICRIP Intranet data will be of great use for developing intelligent prediction models suitable to different rice growing regions. This system has been successfully using by AICRIP co-operators since 10 years and every year, it is upgrading with new features as per the requirement. Although, this platform specifically designed for rice crop, the frame work can be easily adopted for any other crops wherein multilocation trials are being conducted. Successful adoption of this frame work will provide a robust platform for collection and analysis of multilocation experiments. Interfaces can be built for handling the data using handheld devices like for tablets, smart phones etc. This will help further improving the reach and usability of the system especially in collection, transmission and even analysis of the huge datasets.

Screenshots of



Aicrip Experimental Database (AICRIP-MIS)



[IIRR](#)
[AICRIP-Home](#)
[Plant Breeding](#)
[Hybrid Rice](#)
[Agronomy](#)
[Soil Science](#)
[Plant Physiology](#)
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Approved Proceedings of 60 Annual Rice Group Meetings

[Volume I Varietal Improvement 2024](#)
[Volume II Entomology Pathology 2024](#)
[Volume III Agronomy Soil Science Physiology POS 2024](#)
[Screening Nurseries 2024](#)
[Archives](#)

AICRIP Fund Management System

Our Mandate

Development, multilocation, evaluation and dissemination of technologies to enhance the productivity and profitability of rice crop on an ecologically and economically sustainable basis for the food and nutritional security of the nation.

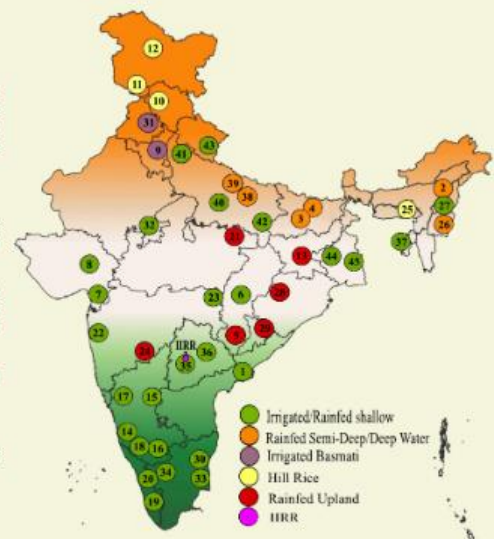
Objectives:

- Generation and evaluation of new genetic material in multi-location trials to identify genotypes with broad and specific adaptation
- Development, evaluation and validation of rice crop management technologies for sustainable production and ensuring protection from biotic and abiotic stresses
- Pre-breeding and trait discovery for improving crops using diverse germplasm resources
- Varietal maintenance and seed production.
- Share experience, knowledge and genetic material among the stakeholders working in different parts of the country.

All India Coordinated Research Project on Rice(AICRPR)

is a major activity in DRR involving several locations all over the country to test of various technologies developed in rice production. Such all India testing of promising breeding material (varieties, hybrids, composites, agronomical practices and other input use) helps in identifying the most stable, high-yielding or superior genotypes suited for different agro-climatic conditions and possessing the required level of resistance to the targeted insect pests and diseases. AICRIP Intranet is targeted to automate the whole process of AICRIP data starting from centers, cooperators, trials, technical programme, seed dispatch and confirmation, crop condition to final summary tables for the reaction of abiotic /biotic stress on genotypes.

[Aicrip-Intranet Manual](#)
[User Manual](#)
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Planting & Nursery Updates - centers



Field Days - centers



Technology - centers



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[View Analytics Data](#)



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- Manage Variety

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[Add Trial Indent](#) [Click Here](#) Ba

List of Trial Indents							
Select Year: 2025							
Trial_Name	TrialType	TrialGroup	Season	Year	Eco-System	Department	View Remove
test_h_Kharif_2025			Kharif	2025	Hills	Plant Breeding	View Delete
IDT-3_Kharif_2025			Kharif	2025	Irrigated	Agronomy	View Delete
AAET-1i-GNV_Kharif_2025			Kharif	2025	Irrigated	Agronomy	View Delete
Test_RCT-2a_Kharif_2025			Kharif	2025	Irrigated	Agronomy	View Delete
LFST_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
NHNS_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
PHSS_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
PHFM_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
GMBT_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
GMS_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
PHS_Kharif_2025			Kharif	2025	Irrigated	Entomology	View Delete
21 IVT Boro_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
22 AVT2&1-IVT-ETP (RABI)-III_Rabi_2025		RABI	Rabi	2025	Irrigated	Plant Breeding	View Delete
23 AVT2 -1 & IVT-E (H)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
24 AVT - 2 & 1 & IVT-M (H)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
25 AVT 1 & IVT -U (H)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
26 AVT 2-1&IVT- J - (H)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
33 AVT 2 & 1-ETP (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
34 IVT-ETP_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
35 AVT 2 & 1 IME (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
36 IVT-IME_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
37 AVT 2 & 1 - IM (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
38 IVT-IM_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
39 AVT 2 & 1-Late (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
40 IVT-Late_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
41 AVT 2 & 1 - Aerobic (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
42 IVT - Aerobic_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
43 AVT 2 & 1-MS (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
44 IVT-MS_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
45 AVT 2 & 1-Biofort (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
46 IVT - Biofort_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
47 AVT 2 & 1-AL & ISTVT (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
48 IVT-AL & ISTVT_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
49 AVT 2&1 - CSTVT (Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete
50 IVT-CSTVT(Z-II)_Kharif_2025			Kharif	2025	Irrigated	Plant Breeding	View Delete

List of RBD

Add RBD [Click Here](#)[Back](#)Select Department: Select Year: Select Trial: Select Center:

Trial Name	Parameter Name	No. Of Treatments	No. Of Replication	View	Remove
Trial 1	GY	18	2	View Detail	Delete
Trial 1	SY	18	2	View Detail	Delete
Trial 1	1000 grain wt(g)	18	2	View Detail	Delete
Trial 1	GY_N_PER	18	2	View Detail	Delete
Trial 1	GY_P_PER	18	2	View Detail	Delete
Trial 1	GY_K_PER	18	2	View Detail	Delete
Trial 1	Grain Zn(ppm)	18	2	View Detail	Delete
Trial 1	SY_N_PER	18	2	View Detail	Delete
Trial 1	SY_P_PER	18	2	View Detail	Delete
Trial 1	SY_K_PER	18	2	View Detail	Delete
Trial 1	Straw Zn(ppm)	18	2	View Detail	Delete
Trial 1	Soil Org C %	18	2	View Detail	Delete
Trial 1	Soil Avail_N	18	2	View Detail	Delete
Trial 1	Soil Avail_P	18	2	View Detail	Delete
Trial 1	Soil Avail_K	18	2	View Detail	Delete
Trial 1	Soil Avail_Zn	18	2	View Detail	Delete
Trial 1	GY_N_UPT	18	2	View Detail	Delete
Trial 1	GY_P_UPT	18	2	View Detail	Delete
Trial 1	GY_K_UPT	18	2	View Detail	Delete
Trial 1	SY_N_UPT	18	2	View Detail	Delete

1 2

List Of Split

ADD SPLIT [Click Here](#)[Back](#)Select Department: Select Year: Select Trial: Select Center:

Trial Name	Parameter Name	No. Of Treatments	No. Of Replication	No.Of Levels	View	Remove
AET-1g	Pan No/m2	18	3	2	View	Delete
AET-1g	Pan wt(g)	18	3	2	View	Delete
AET-1g	DFF	18	3	2	View	Delete
AET-1g	Test_wt(g)	18	3	2	View	Delete
AET-1g	GY(t/ha)	18	3	2	View	Delete
AET-1g	SY(t/ha)	18	3	2	View	Delete

Aicrip Experimental Database (AICRIP-MIS)

Admin Management
States
Departments
Organizations
Designations
Ecosystem
Centers
Cooperators
CMS
Trial Indents
Add Trial Indent
Trial Centers
Add Seed Dispatch Info
Allot Design
Add Trial Varieties
Calculate NPK Uptake
Set LowPerformance
Centers
RBD Main
RBD Analysis
RBD Report LocationWise
RBD Report TrialWise
Split Main

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Plant Breeding Grain Yield Report [Back](#)

Select Department :
Select Year: :
Trial No :

Set Low Performance Centers

Select Department:
Select Year:
Select Trial:

CV% (Minimum):
CV% (Maximum):
Exp. Mean Yield:
FSignificance:

Total No of Centers: 12

Center	CV	Mean	Significance
PRY	0.00	4232.71	ns
CBT	14.58	3587.74	**
MSD	3.47	5144.15	**
GRP	18.59	3185.55	**
GER	24.85	4004.77	**
REW	8.45	3493.29	**
SHR	9.51	3399.12	**
RDR	19.70	2297.92	**
BRM	11.28	2968.68	**
MGD	13.18	4749.69	ns
KTG	0.81	6112.06	**
TTB	0.23	5087.73	**

Department-wise Center's Response

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Excel / Online
37 / 781
Plant Breeding Total Uploads

Excel / Online
8 / 135
Hybrid Rice Total Uploads

Excel / Online
6 / 111
Agronomy Total Uploads

Excel / Online
2 / 28
Soil Science Total Uploads

