



# All India Coordinated Research Project on Rice (AICRPR)

Technical Programme  
2026



भारतीय वरी परिकोधना संसु  
भारतीय चावल अनुसंधान संस्थान  
ICAR-Indian Institute of Rice Research



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**ICAR-IIRR-Crop Improvement Team**

### **Plant Breeding-**

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Plant Breeding & PI-AICRIP (Rice)

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**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline				NILs		P&N			CR		AGT		DSR					
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58		59	60	61
Trial No																																							
Location/Trial Name	AVT-IVT Boro	AVT- IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent		
<b>ZONE I – HILLY REGION</b>																																							
<b>MANIPUR</b>																																							
Lamphelpat-ICAR				X	X	X																																	4
Imphal CAU				X	X	X																																	4
Wangbal			X	X	X	X																																	4
<b>MEGHALAYA</b>																																							
Upper Shillong			X	X	X	X																																	4
Barapani (Umiam ) ICAR				X	X	X																																	3
CAU, Barapani				X	X	X																																	3
<b>SIKKIM</b>																																							
Gangtok				X																																			1
<b>UTTARAKHAND</b>																																							
Almora- ICAR			X	X		X																																	4
Bageswar (Almora)						X																																	1
<b>JAMMU &amp; KASHMIR</b>																																							
Khudwani			X	X	X																																		3
Pombay (Khudwani)			X	X	X																																		3
Wadura (Khudwani)			X	X	X																																		3

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N			CR		AGT		DSR		TOTAL Trial Sent	
			23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	61		
Trial No	21	22																																				
Location/Trial Name	AVT-IVT Boro	AVT-IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR		
Rajouri			X	X	X																																3	
Bandipore			X																																			1
Larboo			X																																			1
Badarwa			X	X																																		2
<b>HIMACHAL PRADESH</b>																																						
Malan			X	X	X	X																																4
Palampur			X																																			1
Sundernagar (Malan)			X	X	X	X																																4
Bajura (Malan)																																						0
Dhaulakaun			X		X	X																																3
Bhertin						X																																1
<b>NAGALAND</b>																																						
Mediziphema - ICAR			X																																			1
Nagaland (University)													X	X																								2
<b>SOUTHERN HILLS</b>																																						
Gudaluru			X	X	X																																	3
Sirsi				X	X								X						X																			4
Ponnampet(Karnataka)			X								X		X																						X			4

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N					CR		AGT		DSR			
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	61		
Trial No																																								
Location/Trial Name	AVT-IVT Boro	AVT- IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent			
<b>ZONE II-NORTHERN</b>																																								
New Delhi																																						0		
IARI New Delhi																																							4	
<b>UTTARAKHAND</b>																																								
Pantnagar							X	X	X	X	X	X		X											X															10
<b>PUNJAB</b>																																								
Ludhiana							X	X	X	X	X	X			X	X				X	X	X			X			X	X	X	X									18
<b>HARYANA</b>																																								
Kaul							X	X	X	X	X	X			X	X									X															13
Karnal (ICAR-CSSRI)															X	X				X	X	X	X	X	X															10
Rohtak (Karnal)																					X	X																	2	
Jind (Karnal)																					X	X																	2	
Panipat (Karnal)																					X	X																	2	
Kurukshetra (Karnal)																					X	X																	2	
Anjanitel(Karnal)																					X	X																	2	
<b>JAMMU KASHMIR</b>																																								
Chatha									X	X	X	X		X																										9
<b>RAJASTHAN</b>																																								

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N			CR		AGT		DSR			
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59		60
Trial No	21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	61		
Location/Trial Name	AVT-IVT Boro	AVT-IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent	
Kota						X	X												X															X	X	5		
<b>UTTAR PRADESH</b>																																						
Nagina						X	X	X	X	X	X	X		X																				X	X	X	10	
Kanpur								X	X	X	X										X	X												X			7	
<b>ZONE III-EASTERN</b>																																						
<b>ODISHA</b>																																						
Bhubaneswar							X			X	X	X	X			X	X													X	X						9	
ICAR-NRRI (Cuttack)	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	25
Jeypore	X	X				X	X	X	X	X	X	X	X	X		X	X							X						X	X	X	X	X	X	X	18	
Chiplima	X	X				X	X	X	X	X	X	X	X	X		X	X												X	X	X	X	X	X	X	X	19	
Ranital																																						
<b>BIHAR</b>																																						
Bikramgunj (Dhangain)						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	X	X	X	X	X	X	X	X	23
Pusa	X														X	X	X	X								X	X	X	X	X	X			X	X	12		
Sabour						X			X	X	X		X	X	X	X	X	X												X	X	X	X	X	X	13		
Patna-ICAR						X	X								X	X								X												5		
<b>JHARKHAND</b>																																						
Ranchi						X	X	X	X	X	X	X	X	X	X	X	X	X						X		X	X	X	X	X	X	X	X	X	X	X		20

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Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N				CR		AGT		DSR		
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	
Trial No																																						
Location/Trial Name	AVT-IVT Boro	AVT-IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent	
Hazaribagh						X	X								X	X																						4
<b>WEST BENGAL</b>																																						
Chinsurah (Canning)	X	X				X	X	X	X	X	X	X	X	X			X	X		X			X	X	X						X	X	X	X				20
Pundibhari	X																													X	X	X	X				5	
Hathwara						X	X	X	X										X												X	X					7	
Malda	X					X	X	X	X	X	X	X	X	X																							9	
Bankura	X	X						X	X	X	X	X	X	X										X								X	X				11	
Gosaba																							X	X													2	
<b>UTTAR PRADESH</b>																																						
Masodha						X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X						X	X	X	X	X	X	X	X	22
Lucknow-ICAR																					X	X												X	X		4	
Varanasi						X	X	X	X						X	X	X	X	X					X					X	X	X	X	X	X	X	X	16	
Gorakhpur															X	X	X	X																X	X		6	
Gautam Budha Nagar(Karnal)																					X	X														2		
Prayagraj							X				X																										2	
Banda							X																X								X	X				4		
<b>ZONE IV- NORTH EASTERN</b>																																						
<b>ASSAM</b>																																						

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N			CR		AGT		DSR				
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59		60	61
Trial No	21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	61			
Location/Trial Name	AVT-IVT Boro	AVT- IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent		
Titabar	X						X	X	X	X	X	X		X				X	X	X					X						X	X	X	X	X	X	X	18	
Gerua-ICAR	X							X	X	X	X	X		X				X							X								X	X				11	
<b>TRIPURA</b>																																							
Arundhutinagar	X						X	X			X	X		X	X	X		X	X	X					X						X	X	X	X	X	X	X	18	
Lembucherra	X						X	X	X	X	X	X		X	X	X		X							X													12	
<b>ZONE-V – CENTRAL</b>																																							
<b>MADHYA PRADESH</b>																																							
Waraseoni												X	X	X	X					X															X			6	
Rewa							X	X	X	X					X	X									X											X	X	9	
Jabalpur									X	X					X	X	X	X		X					X										X			9	
<b>CHHATTISGARH</b>																																							
Raipur							X	X	X	X	X	X	X	X	X	X	X	X		X					X						X	X			X	X	X	19	
Ambikhapur								X	X	X	X	X	X	X																				X			8		
Jagadapur							X	X	X	X	X	X	X	X	X	X				X					X										X	X	X	15	
Bilaspur							X	X	X	X	X	X	X	X																					X			9	
Jangir		X																																		1			
<b>MAHARASHTRA</b>																																							
Sakoli							X	X	X	X	X	X	X	X			X	X		X					X													12	

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N			CR		AGT		DSR		TOTAL Trial Sent			
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59		60	61	
Trial No	21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	61				
Location/Trial Name	AVT-IVT Boro	AVT-IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent			
Sindewahi						X	X			X	X	X	X			X	X		X					X														10		
<b>ZONE VI – WESTERN</b>																																								
<b>MAHARASHTRA</b>																																								
Karjat		X				X	X	X	X	X	X		X			X	X	X	X	X					X		X	X	X	X		X		X	X	X	X	X	21	
Panvel																							X	X														2		
Shirgaon		X					X			X	X		X			X	X							X														8		
Vadagaon								X	X				X													X	X	X	X							X	X	9		
Pondaghat													X																								1			
Parbhani														X	X																				X	X	4			
Radhanagari						X	X	X	X							X	X																					6		
<b>GUJARAT</b>																																								
Navsari								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X		X	X	X	X	X	21		
Nawagam						X	X	X	X	X	X	X				X	X	X	X	X		X	X	X	X					X		X	X	X	X	X	19			
Derol														X	X																			X	X	4				
Dabhoi																																					0			
Vyara						X	X	X	X					X	X	X	X							X										X	X	11				
Bharuch (Karnal)																						X	X														2			
<b>GOA</b>																																								

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N			CR		AGT		DSR		TOTAL Trial Sent		
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59		60	61
Trial No	AVT-IVT Boro	AVT-IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR			
Goa																							X	X														2	
<b>ZONE VII – SOUTHERN</b>																																							
<b>ANDHRA PRADESH</b>																																							
Machilipatnam																							X	X														2	
Maruteru		X					X	X	X	X	X	X	X				X	X		X					X	X	X	X		X						X	X	19	
Ragolu											X	X	X				X	X							X													6	
Bapatla																	X	X							X								X					4	
Nellore		X																						X									X					3	
<b>TELANGANA</b>																																							
Rudrur							X	X												X																		3	
ICAR-IIRR, Hyderabad																										X	X	X	X	X									4
Rajendranagar		X							X	X	X	X	X				X	X		X					X	X								X	X	X	X	15	
Kampasagar		X							X	X											X	X													X	X		7	
Kunaram							X	X	X	X															X													5	
Warangal		X					X	X	X	X	X	X	X				X	X		X					X	X							X			X	X	16	
Jagtial		X					X	X			X	X																										5	
<b>TAMIL NADU</b>																																							
Aduthurai		X					X	X	X	X	X	X	X				X	X		X					X								X	X	X	X	X	17	
Coimbatore		X					X	X	X	X	X	X	X				X	X		X					X	X										X	X	15	
Tirur							X	X			X	X	X				X	X																				7	
Trichy																					X	X																2	

**Star Sheet-Kharif 2026**

Ecosystem	Boro	Early Rabi	Hills				Irrigated								Aerob		MS Grain		Biofort		Saline & Alkaline					NILs		P&N					CR		AGT		DSR		
			21	22	23	24	25	26	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	51 A	52	53	54	55	56	57	58	59	60	61	
Trial No																																							
Location/Trial Name	AVT-IVT Boro	AVT- IVT-Early	AVT 1 & IVT - E (H)	AVT 2 & 1-M (H)	IVT - M (H)	AVT 1 & IVT-U (H)	AVT 2 & 1 - ETP	IVT - ETP	AVT 2 & 1 - IME	IVT - IME	AVT 2 & 1 - IM	IVT - IM	AVT 2 & 1 - Late	IVT - Late	AVT 2 & 1 - Aerobic	IVT - Aerobic	AVT 2 & 1 - MS	IVT - MS	AVT 1 - Biofort	IVT- Biofort	AVT 2 & 1 - AL & ISTVT	IVT - AL & ISTVT	AVT 1 - CSTVT	IVT - CSTVT	AVT 2 & 1 - Nil & Gel	Nil (Herbicide)	AVT 2 & 1 - LPT	IVT - LPT	AVT 2 & 1 - LNT	IVT - LNT	AVT 2 & 1 - CR	IVT - CR	AVT 2 & 1 - AGT	IVT - AGT	AVT 2 & 1 - DSR	IVT - DSR	TOTAL Trial Sent		
Annamalainagar																					X	X															2		
<b>KERALA</b>																																							
Moncompu		X					X	X	X	X									X						X											X	X	10	
Pattambi		X					X	X	X	X	X	X		X			X	X		X					X									X	X	X	X	X	17
Vytila																					X	X	X	X	X													5	
<b>KARNATAKA</b>																																							
Mandya		X					X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X									X	X	20
Mugad							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									X	X	X	X	X	X	21
Brahmavar		X					X	X	X	X	X	X		X					X			X	X	X								X			X	X		15	
Gangavati		X					X	X									X	X		X	X	X			X	X	X	X				X	X					14	
Kathalgere								X	X	X	X	X		X																								6	
GKVK Bangalore															X	X																							
<b>PUDUCHERRY</b>																																							
Kurumbapet (Puducherry)							X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X									X	X	X	X	19	
Karaikal								X	X			X				X	X		X	X	X		X	X														10	
<b>Andaman &amp; Nicobar</b>																																							
Portblair																								X														1	
<b>Total Locations</b>	<b>12</b>	<b>21</b>	<b>17</b>	<b>17</b>	<b>15</b>	<b>12</b>	<b>46</b>	<b>52</b>	<b>48</b>	<b>49</b>	<b>47</b>	<b>47</b>	<b>17</b>	<b>47</b>	<b>27</b>	<b>27</b>	<b>36</b>	<b>40</b>	<b>5</b>	<b>37</b>	<b>19</b>	<b>21</b>	<b>14</b>	<b>15</b>	<b>47</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>5</b>	<b>11</b>	<b>18</b>	<b>34</b>	<b>21</b>	<b>33</b>	<b>40</b>	<b>41</b>	<b>965</b>		
<b>Total Entries</b>	<b>36</b>	<b>29</b>	<b>26</b>	<b>20</b>	<b>30</b>	<b>8</b>	<b>26</b>	<b>64</b>	<b>36</b>	<b>64</b>	<b>30</b>	<b>64</b>	<b>15</b>	<b>56</b>	<b>34</b>	<b>64</b>	<b>24</b>	<b>64</b>	<b>11</b>	<b>56</b>	<b>17</b>	<b>27</b>	<b>17</b>	<b>48</b>	<b>43</b>	<b>8</b>	<b>13</b>	<b>22</b>	<b>15</b>	<b>35</b>	<b>14</b>	<b>33</b>	<b>12</b>	<b>42</b>	<b>55</b>	<b>64</b>	<b>1222</b>		

**ICAR- INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad-500 030**  
**Boro 2025-26**

Name of the trial:	<b>21. Initial Variety Trial - Boro IVT-Boro</b>
Objective:	To study the comparative performance of cultures suitable for boro season
Locations:	12
Layout:	Randomized Block Design (RBD)
Replications:	3
Fertilizers:	As per the recommendation of the centre
Plant protection:	Need-based
Plot size:	15 sq m
Spacing:	Transplanting: 15 cm between rows 10 cm between plants
No. of entries:	36
Check varieties	Varietal checks : <b>Gautam, IR 64; Hybrid Check : Rajalakshmi;</b> <b>Local check</b>
General instructions:	1. Sow the seedbed as thin as possible 2. Transplant seedling as per the situation 3. Transplant seedlings very shallow 4. Gap fill within a week of planting 5. Incorporate fertilizer evenly
Data to be collected:	1. Cold Tolerance score 0-9 scale at 25-30 days old seedling stage. 2. Spikelet Fertility observation-- 1-3 scale* 3. Temperature records (min.& max. at nursery, vegetative and flowering stages) (Table enclosed) 4. Grain yield (kg/plot) 5. Panicles per sq m (No.) 6. Plant Height ( cm) 7. Days to 50% flowering (No.) 8. Notes on grain shattering 1-3 scale# 9. Notes on lodging@ 1-3 scale
Yield:	When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield

\*: 1 -indicate fertile, 2- partially fertile (>50% fertility), 3- Sterile (<50% fertility visual observation).

# : 1- No shattering, 2- moderate shattering, 3- shattering.

@: 1- No lodging, 2- partial lodging. 3- lodging.

**Trial No. 21: Layout plan of entries in Initial Variety Trial– Boro, (IVT -Boro) 2025-26**

<b>Replication 1 Plot No. / Entry No.</b>	<b>Replication 2 Plot No. / Entry No</b>	<b>Replication 3 Plot No. / Entry No</b>
101 / 2122	201 /2105	301 /2112
102 /2105	202 /2112	302 /2109
103 / 2102	203 /2111	303 /2117
104 / 2115	204 /2124	304 /2118
105 /2121	205 /2103	305 /2130
106 / 2114	206 /2121	306 /2123
107 / 2111	207 /2106	307 /2126
108 / 2124	208 /2107	308 /2125
109 / 2108	209 /2113	309 /2119
110 / 2120	210 /2101	310 /2113
111 / 2110	211 /2127	311 /2101
112 / 2126	212 /2120	312 /2129
113 / 2112	213 /2125	313 /2102
114 /2130	214 /2119	314 /2120
115 /2117	215 /2126	315 /2106
116 / 2118	216 /2129	316 /2124
117 / 2103	217 /2117	317 /2128
118 /2119	218 /2110	318 /2108
119 / 2127	219 /2116	319 /2122
120 / 2125	220 /2118	320 /2110
121 / 2129	221 /2104	321 /2104
122 / 2106	222 /2123	322 /2103
123 / 2104	223 /2115	323 /2114
124 / 2123	224 /2109	324 /2107
125 / 2109	225 /2102	325 /2111
126 / 2116	226 /2108	326 /2116
127 / 2113	227 /2122	327 /2121
128 / 2101	228 /2114	328 /2105
129 / 2107	229 /2128	329 /2127
130 / 2128	230 /2130	330 /2115
131/2133	231/2132	331/2135
132/2132	232/2133	332/2134
133/2131	233/2136(LC)	333/2131
134/2136(LC)	234/2131	334/2136(LC)
135/2135	235/2134	335/2133
136/2134	236/2135	336/2132

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Rabi 2025-26**

Name of the trial:	<b>22. Initial Variety Trial – Early–Transplanted (IVT- E-TP)</b>
Objective:	To study the comparative performance of early elite cultures in Rabi transplanted irrigated conditions
Locations:	21
Layout:	Randomized Block Design (RBD)
Replications:	3
Fertilizers:	<ul style="list-style-type: none"> <li>• On the basis of soil type and recommended agronomic practices at the location.</li> <li>• Entire P, K and 25% N as basal, 50% N after 25 days planting and 25% at reproductive stage.</li> </ul>
Plant protection:	Need-based
Plot size:	<b>10 sqm (This should be strictly followed)</b>
Spacing:	20 cm between rows 15 cm between plants
No. of entries:	29
Check varieties:	<b>National:</b> CO-51; <b>Zonal:</b> Narendra 97 (Eastern), MTU 1153 (Southern); and Local Check.
General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>➤ = &gt;95% pure</li> <li>➤ = 80-95% pure</li> <li>➤ = &lt; 80% pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>

**Trial No.22: Layout plan of entries in Initial Variety Trial - Early Transplanted  
(IVT-E TP), Rabi 2025-26**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/2201	201/2227	301/2217
102/2202	202/2203	302/2201
103/2203	203/2201	303/2218
104/2204	204/2228	304/2222
105/2205	205/2229 (LC)	305/2203
106/2206	206/2202	306/2227
107/2207	207/2204	307/2228
108/2208	208/2205	308/2229(LC)
109/2209	209/2206	309/2202
110/2210	210/2207	310/2204
111/2211	211/2208	311/2205
112/2212	212/2209	312/2206
113/2213	213/2210	313/2207
114/2214	214/2211	314/2208
115/2215	215/2212	315/2209
116/2216	216/2213	316/2210
117/2217	217/2214	317/2225
118/2218	218/2215	318/2226
119/2219	219/2216	319/2211
120/2220	220/2217	320/2212
121/2221	221/2218	321/2213
122/2222	222/2219	322/2214
123/2223	223/2220	323/2215
124/2224	224/2221	324/2216
125/2225	225/2222	325/2219
126/2226	226/2223	326/2220
127/2227	227/2224	327/2221
128/2228	228/2225	328/2223
129/2229(LC)	229/2226	329/2224

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Kharif 2026**

1	Experiment No.:	<b>23</b>
2	Name of the trial:	<b>Advance Variety Trial 2 &amp;1 &amp; Initial Variety Trial- Irrigated Early (Hills) –AVT 2&amp;1 &amp; IVT-E (H)</b>
3	Objective:	To study the comparative performance of elite early duration cold tolerant cultures under irrigated condition in hills
4	Locations:	17
5	Layout:	Randomized Block Design (RBD)
6	Replications:	2
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need based
9	Plot size:	<b>10 sq m(This should be strictly followed)</b>
10	Spacing:	20 x 15 cm
11	No. of entries:	26
12	Check varieties:	<b>National:</b> Vivekdhan 86, <b>Zonal:</b> Shalimar Rice -4 and Local Check
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (Days)</li> <li>• Days to maturity (Days)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<b>When the mean yield of the experiment is below 2.5 t/ha, kindly offer an explanation for the low yield.</b>		

**Trial No. 23: Layout plan of entries in Advance Variety Trial 2&1 & Initial Variety Trial-Irrigated Early (Hills) – AVT 2&1 & IVT-E (H), Kharif 2026**

<b>Replication 1 Plot No. / Entry No.</b>	<b>Replication 2 Plot No. / Entry No.</b>
101 /2316	201 /2312
102 /2318	202 /2317
103 /2313	203 /2309
104 /2303	204 /2319
105 /2307	205 /2325
106 /2323	206 /2306
107 /2302	207 /2311
108 /2317	208 /2324
109 /2325	209 /2308
110 /2324	210 /2307
111 /2310	211 /2315
112 /2326 (LC)	212 /2321
113 /2311	213 /2302
114 /2305	214 /2314
115 /2312	215 /2304
116 /2304	216 /2316
117 /2315	217 /2310
118 /2319	218 /2313
119 /2314	219 /2318
120 /2308	220 /2301
121 /2301	221 /2323
122 /2306	222 /2322
123 /2321	223 /2305
124 /2322	224 /2326 (LC)
125 /2309	225 /2320
126 /2320	226 /2303

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Kharif 2026**

1	Experiment No.:	<b>24</b>
2	Name of the trial:	<b>Advance Variety Trial 2 &amp; 1 -Medium (Hills) – AVT 2 &amp; 1 - M (H)-Irrigated</b>
3	Objective:	To study the comparative performance of elite medium duration cold tolerant cultures under irrigated condition in hills
4	Locations:	16
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need based
9	Plot size:	<b>15 sq m(This should be strictly followed)</b>
10	Spacing:	20 x 15 cm
11	No. of entries:	20
12	Check varieties:	<b>National:</b> Vivekdhan 62, <b>Zonal:</b> VL Dhan 68 (North & South), RC Maniphou-11 (North East) and Local Check
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (Days)</li> <li>• Days to maturity (Days)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<p><b>When the mean yield of the experiment is below 2.5 t/ha, kindly offer an explanation for the low yield.</b></p>		

**Trial No.24: Layout plan of entries in Advance Variety Trial 2 & 1 -Medium (Hills) – AVT 2 & 1 - M (H)-Kharif 2026**

<b>Replication 1 Plot No. / Entry No.</b>	<b>Replication 2 Plot No. / Entry No.</b>	<b>Replication 3 Plot No./Entry No</b>
101 /2410	201 /2403	301/2417
102 /2414	202 /2417	302/2401
103 /2405	203 /2402	303/2418
104 /2415	204 /2420 (LC)	304/2402
105 / 2419	205 /2401	305/2403
106 /2417	206 /2407	306/2409
107 /2407	207 /2406	307/2406
108 /2420 (LC)	208 /2418	308/2413
109 /2403	209 /2414	309/2412
110 /2409	210 /2404	310/2407
111 /2418	211 /2419	311/2405
112 /2416	212 /2405	312/2416
113 /2406	213 /2411	313/2404
114 /2402	214 /2409	314/2408
115 /2408	215 /2410	315/2414
116 /2413	216 /2415	316/2410
117 /2412	217 /2413	317/2419
118 /2404	218 /2408	318/2420(LC)
119 /2401	219 /2416	319/2411
120 /2411	240 /2412	320/2415

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Kharif 2026**

1	Experiment No.	25
2	Name of the trial:	<b>Initial Variety Trial-Medium (Hills) –IVT-M (H)</b>
3	Objective:	To study the comparative performance of elite medium duration cold tolerant cultures under rainfed upland condition in hills
4	Locations:	16
5	Layout:	Randomized Block Design (RBD)
6	Replications:	2
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need based
9	Plot size:	<b>10 Sq m(This should be strictly followed)</b>
10	Spacing:	20 X 15 cm
11	No. of entries:	30
12	Check varieties:	<b>National:</b> Vivekdhan 62, <b>Zonal:</b> VL Dhan 68 (North & South), RC Maniphou-11 (North East) and Local Check (Varundhan+Brigudhan checks from Japonica trial)
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Gap fill within a week of sowing</li> <li>• Incorporate fertilizer evenly</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (Days)</li> <li>• Days to maturity (Days)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<p><b>When the mean yield of the experiment is below 2.0 t/ha, kindly offers an explanation for the low yield.</b></p>		

**Trial No. 25: Layout plan of entries in Initial Variety Trial-Upland (Hills) –IVT-U (H), Kharif 2025**

<b>Replication 1 Plot No. / Entry No.</b>	<b>Replication 2 Plot No. / Entry No</b>
101 / 2522	201 /2505
102 /2505	202 /2512
103 / 2502	203 /2511
104 / 2515	204 /2524
105 /2525	205 /2503
106 / 2514	206 /2525
107 / 2511	207 /2506
108 / 2524	208 /2507
109 / 2508	209 /2513
110 / 2520	250 /2501
111 / 2510	251 /2527
112 / 2526	252 /2520
113 / 2512	253 /2521
114 /2530 (LC)	254 /2519
115 /2517	255 /2526
116 / 2518	256 /2529
117 / 2503	257 /2517
118 /2519	258 /2510
119 / 2527	259 /2516
120 / 2521	220 /2518
125 / 2529	225 /2504
122 / 2506	222 /2523
123 / 2504	223 /2515
124 / 2523	224 /2509
125 / 2509	225 /2502
126 / 2516	226 /2508
127 / 2513	227 /2522
128 / 2501	228 /2514
129 / 2507	229 /2528
130 / 2528	230 /2530 (LC)

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1	Experiment No.	<b>26</b>
2	Name of the trial:	<b>Advance Variety Trial 1 &amp; Initial Variety Trial-Upland (Hills) – AVT 1 &amp; IVT-U (H)</b>
3	Objective:	To study the comparative performance of elite medium duration cold tolerant cultures under rainfed upland condition in hills
4	Locations:	12
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need based
9	Plot size:	<b>10 Sq m(This should be strictly followed)</b>
10	Spacing:	20 X 15 cm
11	No. of entries:	16
12	Check varieties:	<b>National:</b> Sukaradhan 1, <b>Zonal:</b> VL Dhan 158 (North & South), Bhalum-1 (North East) and Local Check
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Gap fill within a week of sowing</li> <li>• Incorporate fertilizer evenly</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (Days)</li> <li>• Days to maturity (Days)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<p><b>When the mean yield of the experiment is below 2.0 t/ha, kindly offers an explanation for the low yield.</b></p>		

**Trial No. 26: Layout plan of entries in Advance Variety Trial 1 & Initial Variety Trial-Upland (Hills) – AVT 1 & IVT-U (H), Kharif 2026**

<b>Replication 1 Plot No. / Entry No.</b>	<b>Replication 2 Plot No. / Entry No.</b>	<b>Replication 3 Plot No./Entry No</b>
101 /2610	201 /2603	301/2611
102 /2614	202 /2608	302/2601
103 /2605	203 /2602	303/2615
104 /2615	204 /2616 (LC)	304/2602
105 / 2612	205 /2601	305/2603
106 /2611	206 /2607	306/2609
107 /2607	207 /2606	307/2613
108 / 2604	208 /2612	308/2606
109 /2603	209 /2614	309/2612
110 /2609	210 /2604	310/2607
111 /2601	211 /2613	311/2605
112 /2616 (LC)	212 /2605	312/2610
113 /2606	213 /2611	313/2604
114 /2602	214 /2609	314/2608
115 /2608	215 /2610	315/2614
116 /2613	216 /2615	316/2616 (LC)

**ZONE II**

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH  
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1.	Trial No.	<b>33</b>
2	Name of the trial:	<b>Advance Variety Trial – Early –Transplanted (AVT 2 &amp; 1 – E TP) – Zone II</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	<b>46 (5 Locations for Zone II)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	On the basis of soil type and recommended agronomic practices at the location. Entire P and K as basal plus N 25% basal, 50% N 20 days after planting and 25% at reproductive stage.
8	Plant protection:	Need-based
9	Plot size:	15 sq m
10	Spacing:	20 cm between rows; 10 cm between plants
11	No. of entries:	<b>26 (10 Entries for Zone II)</b>
12	Check varieties:	<b>National:</b> CO51, <b>Zonal:</b> PR 124 (Northern) Narendra 97 (Eastern) Luit (North Eastern) Sahbagidhan (Central & Western) MTU 1153 (Southern), <b>Hybrid:</b> US 314 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Gap fill one week after planting.</li> <li>• Weeding as and when needed.</li> <li>• Control the pest and disease incidence</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• No. of productive tillers/ sq.m.</li> <li>• Grain yield kg/plot (net plot size basis)</li> <li>• Rainfall data: Number of rainy days,</li> <li>• Rainfall during the crop growth,</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.33: Layout plan of entries in Advance Variety Trial - Early Transplanted  
(Zone II) (AVT 2 & 1 – E TP), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3301	201/3326	301/3314
102/3304	202/3301	302/3319
103/3307	203/3304	303/3325
104/3309	204/3307	304/3326
105/3310	205/3309	305/3301
106/3313	206/3310	306/3304
107/3314	207/3313	307/3307
108/3319	208/3314	308/3309
109/3325	209/3319	309/3310
110/3326	210/3325	310/3313

**ZONE III**

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH  
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1.	Trial No.	<b>33</b>
2	Name of the trial:	<b>Advance Variety Trial – Early –Transplanted (AVT 2 &amp; 1 – E TP) – Zone III</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	<b>46 (13 Locations for Zone III)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	On the basis of soil type and recommended agronomic practices at the location. Entire P and K as basal plus N 25% basal, 50% N 20 days after planting and 25% at reproductive stage.
8	Plant protection:	Need-based
9	Plot size:	15 sq m
10	Spacing:	20 cm between rows; 10 cm between plants
11	No. of entries:	<b>26 (21 Entries for Zone III)</b>
12	Check varieties:	<b>National:</b> CO51, <b>Zonal:</b> PR 124 (Northern) Narendra 97 (Eastern) Luit (North Eastern) Sahbagidhan (Central & Western) MTU 1153 (Southern), <b>Hybrid:</b> US 314 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Gap fill one week after planting.</li> <li>• Weeding as and when needed.</li> <li>• Control the pest and disease incidence</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• No. of productive tillers/ sq.m.</li> <li>• Grain yield kg/plot (net plot size basis)</li> <li>• Rainfall data: Number of rainy days,</li> <li>• Rainfall during the crop growth,</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.33: Layout plan of entries in Advance Variety Trial - Early Transplanted  
(Zone III) (AVT 2 & 1 – E TP), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3303	201/3323	301/3321
102/3304	202/3325	302/3322
103/3305	203/3326	303/3323
104/3306	204/3303	304/3325
105/3308	205/3304	305/3326
106/3310	206/3305	306/3303
107/3311	207/3306	307/3304
108/3312	208/3308	308/3305
109/3313	209/3310	309/3306
110/3314	210/3311	310/3308
111/3315	211/3312	311/3310
112/3316	212/3313	312/3311
113/3317	213/3314	313/3312
114/3318	214/3315	314/3313
115/3319	215/3316	315/3314
116/3320	216/3317	316/3315
117/3321	217/3318	317/3316
118/3322	218/3319	318/3317
119/3323	219/3320	319/3318
120/3325	220/3321	320/3319
121/3326	221/3322	321/3320

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1.	Trial No.	<b>33</b>
2	Name of the trial:	<b>Advance Variety Trial – Early – Transplanted (AVT 2 &amp; 1 – E TP) – Zone IV</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	<b>46 (3 Locations for Zone IV)</b>
5	Layout:	Randomized Block Design (RBD)
6	<b>Replications:</b>	<b>4</b>
7	Fertilizers:	On the basis of soil type and recommended agronomic practices at the location. Entire P and K as basal plus N 25% basal, 50% N 20 days after planting and 25% at reproductive stage.
8	Plant protection:	Need-based
9	Plot size:	15 sq m
10	Spacing:	20 cm between rows; 10 cm between plants
11	No. of entries:	<b>27 (5 Entries for Zone IV)</b>
12	Check varieties:	<b>National:</b> CO51, <b>Zonal:</b> PR 124 (Northern) Narendra 97 (Eastern) Luit (North Eastern) Sahbagidhan (Central & Western) MTU 1153 (Southern), <b>Hybrid:</b> US 314 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Gap fill one week after planting.</li> <li>• Weeding as and when needed.</li> <li>• Control the pest and disease incidence</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• No. of productive tillers/ sq.m.</li> <li>• Grain yield kg/plot (net plot size basis)</li> <li>• Rainfall data: Number of rainy days,</li> <li>• Rainfall during the crop growth,</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.		

**Trial No.33: Layout plan of entries in Advance Variety Trial - Early Transplanted  
(Zone IV) (AVT 2 & 1 – E TP), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>	<b>Replication 4 Plot No./Entry No</b>
101/3305	201/3304	301/3319	401/3310
102/3310	202/3305	302/3326	402/3304
103/3319	203/3310	303/3305	403/3326
104/3326	204/3319	304/3304	404/3305
105/3304	205/3326	305/3310	405/3319

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1.	Trial No.	<b>33</b>
2	Name of the trial:	<b>Advance Variety Trial – Early –Transplanted (AVT 2 &amp; 1 – E TP) – Zone V</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	46 ( <b>6 Locations for Zone V</b> )
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	On the basis of soil type and recommended agronomic practices at the location. Entire P and K as basal plus N 25% basal, 50% N 20 days after planting and 25% at reproductive stage.
8	Plant protection:	Need-based
9	Plot size:	15 sq m
10	Spacing:	20 cm between rows; 10 cm between plants
11	No. of entries:	26 ( <b>10 Entries for Zone V</b> )
12	Check varieties:	<b>National:</b> CO51, <b>Zonal:</b> PR 124 (Northern) Narendra 97 (Eastern) Luit (North Eastern) Sahbagidhan (Central & Western) MTU 1153 (Southern), <b>Hybrid:</b> US 314 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Gap fill one week after planting.</li> <li>• Weeding as and when needed.</li> <li>• Control the pest and disease incidence</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• No. of productive tillers/ sq.m.</li> <li>• Grain yield kg/plot (net plot size basis)</li> <li>• Rainfall data: Number of rainy days,</li> <li>• Rainfall during the crop growth,</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.33: Layout plan of entries in Advance Variety Trial - Early Transplanted  
(Zone V) (AVT 2 & 1 – E TP), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3301	201/3326	301/3319
102/3303	202/3301	302/3320
103/3304	203/3303	303/3323
104/3305	204/3304	304/3326
105/3310	205/3305	305/3301
106/3311	206/3310	306/3303
107/3319	207/3311	307/3304
108/3320	208/3319	308/3305
109/3323	209/3320	309/3310
110/3326	210/3323	310/3311

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1.	Trial No.	<b>33</b>
2	Name of the trial:	<b>Advance Variety Trial – Early – Transplanted (AVT 2 &amp; 1 – E TP) – Zone VI</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	<b>46 (4 Locations for Zone VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	On the basis of soil type and recommended agronomic practices at the location. Entire P and K as basal plus N 25% basal, 50% N 20 days after planting and 25% at reproductive stage.
8	Plant protection:	Need-based
9	Plot size:	15 sq m
10	Spacing:	20 cm between rows; 10 cm between plants
11	No. of entries:	<b>26 (7 Entries for Zone VI)</b>
12	Check varieties:	<b>National:</b> CO51, <b>Zonal:</b> PR 124 (Northern) Narendra 97 (Eastern) Luit (North Eastern) Sahbagidhan (Central & Western) MTU 1153 (Southern), <b>Hybrid:</b> US 314 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Gap fill one week after planting.</li> <li>• Weeding as and when needed.</li> <li>• Control the pest and disease incidence</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• No. of productive tillers/ sq.m.</li> <li>• Grain yield kg/plot (net plot size basis)</li> <li>• Rainfall data: Number of rainy days,</li> <li>• Rainfall during the crop growth,</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.33: Layout plan of entries in Advance Variety Trial - Early Transplanted  
(Zone VI) (AVT 2 & 1 – E TP), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3304	201/3326	301/3325
102/3305	202/3304	302/3326
103/3310	203/3305	303/3304
104/3319	204/3310	304/3305
105/3324	205/3319	305/3310
106/3325	206/3324	306/3319
107/3326	207/3325	307/3324

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1.	Trial No.	<b>33</b>
2	Name of the trial:	<b>Advance Variety Trial – Early – Transplanted (AVT 2 &amp; 1 – E TP) – Zone VII</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	<b>46 (15 Locations for Zone VII)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	On the basis of soil type and recommended agronomic practices at the location. Entire P and K as basal plus N 25% basal, 50% N 20 days after planting and 25% at reproductive stage.
8	Plant protection:	Need-based
9	Plot size:	15 sq m
10	Spacing:	20 cm between rows; 10 cm between plants
11	No. of entries:	<b>26 (7 Entries for Zone VII)</b>
12	Check varieties:	<b>National:</b> CO51, <b>Zonal:</b> PR 124 (Northern) Narendra 97 (Eastern) Luit (North Eastern) Sahbagidhan (Central & Western) MTU 1153 (Southern), <b>Hybrid:</b> US 314 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Gap fill one week after planting.</li> <li>• Weeding as and when needed.</li> <li>• Control the pest and disease incidence</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• No. of productive tillers/ sq.m.</li> <li>• Grain yield kg/plot (net plot size basis)</li> <li>• Rainfall data: Number of rainy days,</li> <li>• Rainfall during the crop growth,</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.33: Layout plan of entries in Advance Variety Trial - Early Transplanted  
(Zone VII) (AVT 2 & 1 – E TP), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3302	201/3326	301/3325
102/3303	202/3302	302/3326
103/3304	203/3303	303/3302
104/3310	204/3304	304/3303
105/3319	205/3310	305/3304
106/3325	206/3319	306/3310
107/3326	207/3325	307/3319

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1.	Trial No.	<b>34</b>
2	Name of the trial:	<b>Initial Variety Trial – Early –Transplanted (IVT – E TP)</b>
3	Objective:	To study the comparative performance of early elite cultures in transplanted irrigated conditions
4	Locations:	52
5	Layout:	Simple Lattice Design
6	Replications:	2
7	Fertilizers:	<ul style="list-style-type: none"> <li>• On the basis of soil type and recommended agronomic practices at the location.</li> <li>• Entire P, K and 25% N as basal, 50% N after 25 days planting and 25% at reproductive stage.</li> </ul>
8	Plant protection:	Need-based
9	Plot size:	<b>10 sq m (This should be strictly followed)</b>
10	Spacing:	20 cm between rows; 15 cm between plants
11	No. of entries:	64
12	Check varieties:	<b>National:</b> CO-51, <b>Zonal:</b> PR 124 (Northern), Narendra 97 (Eastern), Luit (North Eastern), Sahbhagidhan (Central & Western), MTU 1153 (Southern) and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• 1 = &gt;95% pure</li> <li>• 2 = 80-95% pure</li> <li>• 3 = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 4t/ha, kindly offer an explanation for the low yield		

**Trial No.34: Layout plan of entries in Initial Variety Trial - Early Transplanted  
(IVT – E TP), Kharif 2026**

**REPLICATION-I**

101/3417	109/3459	117/3435	125/3406	133/3412	141/3455	149/3430	157/3409
102/3422	110/3452	118/3454	126/3447	134/3445	142/3410	150/3405	158/3427
103/3433	111/3413	119/3414	127/3431	135/3425	143/3411	151/3439	159/3451
104/3416	112/3419	120/3437	128/3426	136/3415	144/3449	152/3462	160/3440
105/3407	113/3432	121/3460	129/3448	137/3404	145/3444	153/3428	161/3403
106/3463	114/3443	122/3424	130/3458	138/3446	146/3457	154/3401	162/3434
107/3450	115/3441	123/3420	131/3402	139/3436	147/3421	155/3453	163/3423
108/3442	116/3456	124/3408	132/3464 (LC)	140/3429	148/3461	156/3418	164/3438

**REPLICATION-II**

201/3403	209/3438	217/3423	225/3435	233/3409	241/3451	249/3427	257/3440
202/3460	210/3408	218/3420	226/3424	234/3434	242/3414	250/3454	258/3437
203/3428	211/3418	219/3453	227/3401	235/3430	243/3439	251/3405	259/3462
204/3432	212/3456	220/3441	228/3443	236/3459	244/3413	252/3452	260/3419
205/3444	213/3461	221/3421	229/3457	237/3455	245/3411	253/3410	261/3449
206/3448	242/3464 (LC)	222/3402	230/3458	238/3406	246/3431	254/3447	262/3426
207/3407	215/3442	223/3450	231/3463	239/3417	247/3433	255/3422	263/3416
208/3404	216/3429	224/3436	232/3446	240/3412	248/3425	256/3445	264/3415

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1.	Trial No.	<b>35</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Mid Early (AVT 2 &amp; 1 - IME)- Zone II</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>48 (6 Locations for Zone II)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre.
8	Plant protection:	Need-based
9	Plot size:	<b>15 sq.m (This should be strictly followed</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>35 (20 Entries for Zone II)</b>
12	Check varieties:	<b>National</b> : Gontra Bidhan-3; <b>Zonal</b> : PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010(Central & Southern) ,Karjat 7(Western)); <b>Hybrid</b> : US 312 and <b>Local check</b> .
13	General Instruction	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• = &gt;95% pure</li> <li>• =80-95% pure</li> <li>• = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.35: Layout plan of entries in Advance Variety Trial – Irrigated Mid Early  
(AVT 2 & 1 - IME) ZONE – II**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3506	201/3535	301/3533
102/3508	202/3536	302/3534
103/3510	203/3506	303/3535
104/3513	204/3508	304/3536
105/3516	205/3510	305/3506
106/3517	206/3513	306/3508
107/3520	207/3516	307/3510
108/3521	208/3517	308/3513
109/3524	209/3520	309/3516
110/3525	210/3521	310/3517
111/3526	211/3524	311/3520
112/3527	212/3525	312/3521
113/3528	213/3526	313/3524
114/3529	214/3527	314/3525
115/3531	215/3528	315/3526
116/3532	216/3529	316/3527
117/3533	217/3531	317/3528
118/3534	218/3532	318/3529
119/3535	219/3533	319/3531
120/3536	220/3534	320/3532

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1.	Trial No.	35
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Mid Early (AVT 2 &amp; 1 - IME) - Zone III</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures and hybrids in irrigated areas
4	Locations:	48( <b>11 Locations for Zone III</b> )
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre.
8	Plant protection:	Need-based
9	Plot size:	<b>15 sq.m (This should be strictly followed</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	35 ( <b>24 Entries for Zone III</b> )
12	Check varieties:	<b>National:</b> Gontra Bidhan-3; <b>Zonal:</b> PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010 (Central & Southern), Karjat 7(Western)); <b>Hybrid:</b> US 312 and <b>Local check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle(Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>➤ = &gt;95% pure</li> <li>➤ = 80-95% pure</li> <li>➤ = &lt; 80% pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.35: Layout plan of entries in Advance Variety Trial – Irrigated Mid Early  
(AVT 2 & 1 - IME) ZONE- III**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3501	201/3536	301/3533
102/3502	202/3501	302/3534
103/3503	203/3502	303/3536
104/3504	204/3503	304/3501
105/3505	205/3504	305/3502
106/3506	206/3505	306/3503
107/3511	207/3506	307/3504
108/3512	208/3511	308/3505
109/3513	209/3512	309/3506
110/3515	210/3513	310/3511
111/3516	211/3515	311/3512
112/3517	212/3516	312/3513
113/3518	213/3517	313/3515
114/3519	214/3518	314/3516
115/3520	215/3519	315/3517
116/3522	216/3520	316/3518
117/3523	217/3522	317/3519
118/3525	218/3523	318/3520
119/3526	219/3525	319/3522
120/3529	220/3526	320/3523
121/3530	221/3529	321/3525
122/3533	222/3530	322/3526
123/3534	223/3533	323/3529
124/3536	224/3534	324/3530

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1.	Trial No.	<b>35</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Mid Early (AVT 2 &amp; 1 - IME) - Zone IV</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>48 (3 Locations for Zone IV)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre.
8	Plant protection:	Need-based
9	Plot size:	<b>15 sq.m (This should be strictly followed)</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>35 (7 Entries for Zone IV)</b>
12	Check varieties:	<b>National:</b> Gontra Bidhan-3; <b>Zonal:</b> PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010 (Central & Southern), Karjat 7(Western)); <b>Hybrid:</b> US 312 and <b>Local check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle(Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>➤ = &gt;95% pure</li> <li>➤ = 80-95% pure</li> <li>➤ = &lt; 80% pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.35: Layout plan of entries in Advance Variety Trial – Irrigated Mid Early  
(AVT 2 & 1 - IME) ZONE- IV**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3506	201/3536	301/3513
102/3508	202/3506	302/3520
103/3509	203/3508	303/3526
104/3513	204/3509	304/3536
105/3520	205/3513	305/3506
106/3526	206/3520	306/3508
107/3536	207/3526	307/3509

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1.	Trial No.	<b>35</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Mid Early (AVT 2 &amp; 1 - IME) - Zone V</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures and hybrids in irrigated areas
4	Locations:	48 ( <b>7 Locations for Zone V</b> )
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre.
8	Plant protection:	Need-based
9	Plot size:	<b>15 sq.m (This should be strictly followed</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	35 ( <b>15 Entries for Zone V</b> )
12	Check varieties:	<b>National:</b> Gontra Bidhan-3; <b>Zonal:</b> PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010 (Central & Southern), Karjat 7(Western)); <b>Hybrid:</b> US 312 and <b>Local check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle(Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>➤ = &gt;95% pure</li> <li>➤ = 80-95% pure</li> <li>➤ = &lt; 80% pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.35: Layout plan of entries in Advance Variety Trial – Irrigated Mid Early  
(AVT 2 & 1 - IME) ZONE-V**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3505	201/3536	301/3534
102/3506	202/3505	302/3535
103/3507	203/3506	303/3536
104/3508	204/3507	304/3505
105/3513	205/3508	305/3506
106/3520	206/3513	306/3507
107/3524	207/3520	307/3508
108/3526	208/3524	308/3513
109/3527	209/3526	309/3520
110/3529	210/3527	310/3524
111/3531	211/3529	311/3526
112/3533	212/3531	312/3527
113/3534	213/3533	313/3529
114/3535	214/3534	314/3531
115/3536	215/3535	315/3533

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**Rajendranagar, Hyderabad – 500 030, Kharif 2026**

1.	Trial No.	<b>35</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Mid Early (AVT 2 &amp; 1 - IME) - Zone VI</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>49 (6 Locations for Zone VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	<b>Replications:</b>	<b>4</b>
7	Fertilizers:	As per the recommendation of the centre.
8	Plant protection:	Need-based
9	Plot size:	<b>15 sq.m (This should be strictly followed</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>35 (6 Entries for Zone VI)</b>
12	Check varieties:	<b>National:</b> Gontra Bidhan-3; <b>Zonal:</b> PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010 (Central & Southern), Karjat 7(Western)); <b>Hybrid:</b> US 312 and <b>Local check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle(Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>➤ = &gt;95% pure</li> <li>➤ =80-95% pure</li> <li>➤ = &lt; 80% pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.35: Layout plan of entries in Advance Variety Trial – Irrigated Mid Early  
(AVT 2 & 1 - IME) ZONE-VI**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>	<b>Replication 4 Plot No./Entry No</b>
101/3505	201/3520	301/3513	401/3520
102/3506	202/3526	302/3520	402/3526
103/3513	203/3536	303/3526	403/3536
104/3520	204/3505	304/3536	404/3513
105/3526	205/3506	305/3505	405/3505
106/3536	206/3513	306/3506	406/3506

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1.	Trial No.	<b>35</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Mid Early (AVT 2 &amp; 1 - IME) - Zone VII</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>48 (15 Locations for Zone VII)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre.
8	Plant protection:	Need-based
9	Plot size:	<b>15 sq.m (This should be strictly followed</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>35 (10 Entries for Zone VII)</b>
12	Check varieties:	<b>National:</b> Gontra Bidhan-3; <b>Zonal:</b> PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010 (Central & Southern), Karjat 7(Western)); <b>Hybrid:</b> US 312 and <b>Local check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle(Mean of 5 panicles each entry)</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>➤ = &gt;95% pure</li> <li>➤ =80-95% pure</li> <li>➤ = &lt; 80% pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No.35: Layout plan of entries in Advance Variety Trial – Irrigated Mid Early  
(AVT 2 & 1 - IME) ZONE – VII**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3505	201/3536	301/3520
102/3506	202/3505	302/3526
103/3508	203/3506	303/3529
104/3513	204/3508	304/3536
105/3514	205/3513	305/3505
106/3519	206/3514	306/3506
107/3520	207/3519	307/3508
108/3526	208/3520	308/3513
109/3529	209/3526	309/3514
110/3536	210/3529	310/3519

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030,**  
**Telangana, Kharif 2026**

1.	Trial No.	<b>36</b>
2	Name of the trial:	<b>Initial Variety Trial – Irrigated Mid Early (IVT - IME)</b>
3	Objective:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Locations:	49
5	Layout:	Simple Lattice design
6	Replications:	2
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	64
12	Check varieties:	<b>National:</b> Gontra Bidhan-3; <b>Zonal:</b> PR 113 (Northern), Lalat (Eastern & North-Eastern), MTU 1010 (Central & Southern), Karjat 7 (Western)) and <b>Local check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No. 36: Layout plan of entries in Initial Variety Trial – Irrigated Mid Early, (IVT -  
IME), Kharif 2026**

**REPLICATION-I**

101/3617	109/3659	117/3634	125/3606	133/3612	141/3655	149/3630	157/3609
102/3622	110/3652	118/3654	126/3647	134/3645	142/3610	150/3605	158/3627
103/3633	111/3613	119/3614	127/3631	135/3625	143/3611	151/3639	159/3651
104/3616	112/3619	120/3637	128/3626	136/3615	144/3649	152/3662	160/3640
105/3607	113/3632	121/3660	129/3648	137/3604	145/3644	153/3628	161/3603
106/3663	114/3643	122/3624	130/3658	138/3646	146/3657	154/3601	162/3635
107/3650	115/3641	123/3620	131/3602	139/3638	147/3621	155/3653	163/3623
108/3642	116/3656	124/3608	132/3664 (LC)	140/3629	148/3661	156/3618	164/3636

**REPLICATION-II**

201/3603	209/3638	217/3623	225/3635	233/3609	241/3651	249/3627	257/3640
202/3660	210/3608	218/3620	226/3624	234/3634	242/3614	250/3654	258/3637
203/3628	211/3618	219/3653	227/3601	235/3630	243/3639	251/3605	259/3662
204/3632	212/3656	220/3641	228/3643	236/3659	244/3613	252/3652	260/3619
205/3644	213/3661	221/3621	229/3657	237/3655	245/3611	253/3610	261/3649
206/3648	242/3664 (LC)	222/3602	230/3658	238/3606	246/3631	254/3647	262/3626
207/3607	215/3642	223/3650	231/3663	239/3617	247/3633	255/3622	263/3616
208/3604	216/3629	224/3636	232/3646	240/3612	248/3625	256/3645	264/3615

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH  
RAJENDRANAGAR, HYDERABAD – 500 030,  
TELANGANA, KHARIF 2026**

1.	Trial No.	<b>37</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Medium (AVT 2 &amp; 1 - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>47 (6 Locations for Zone II)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>30 (7 Entries for Zone II)</b>
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern); <b>Hybrid:</b> HRI 174 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.37: Layout plan of entries in Advance Variety Trial - Irrigated Medium  
(AVT 2 & 1 - IM), Kharif 2026 (Zone-II)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3702	201/3730	301/3720
102/3706	202/3702	302/3727
103/3713	203/3706	303/3729
104/3720	204/3713	304/3730
105/3727	205/3720	305/3702
106/3729	206/3727	306/3706
107/3730	207/3729	307/3713

**ZONE- III**

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH RAJENDRANAGAR,  
HYDERABAD – 500 030, TELANGANA, KHARIF 2026**

1.	Trial No.	<b>37</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Medium (AVT 2 &amp; 1 - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>47 (11 Locations for Zone III)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>30 (19 Entries for Zone III)</b>
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern); <b>Hybrid:</b> HRI 174 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ =80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.37: Layout plan of entries in Advance Variety Trial - Irrigated Medium  
(AVT 2 & 1 - IM), Kharif 2026 (Zone-III)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3701	201/3730	301/3724
102/3702	202/3701	302/3727
103/3705	203/3702	303/3730
104/3706	204/3705	304/3701
105/3707	205/3706	305/3702
106/3709	206/3707	306/3705
107/3712	207/3709	307/3706
108/3713	208/3712	308/3707
109/3714	209/3713	309/3709
110/3715	210/3714	310/3712
111/3716	211/3715	311/3713
112/3717	212/3716	312/3714
113/3720	213/3717	313/3715
114/3721	214/3720	314/3716
115/3722	215/3721	315/3717
116/3723	216/3722	316/3720
117/3724	217/3723	317/3721
118/3727	218/3724	318/3722
119/3730	219/3727	319/3723

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH RAJENDRANAGAR,  
HYDERABAD – 500 030, TELANGANA, KHARIF 2026**

1.	Trial No.	37
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Medium (AVT 2 &amp; 1 - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures and hybrids in irrigated areas
4	Locations:	47 ( <b>4 Locations for Zone IV</b> )
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	30 ( <b>11 Entries for Zone IV</b> )
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern); <b>Hybrid:</b> HRI 174 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.37: Layout plan of entries in Advance Variety Trial - Irrigated Medium  
(AVT 2 & 1 - IM), Kharif 2026 (Zone-IV)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3706	201/3726	301/3720
102/3708	202/3730	302/3721
103/3710	203/3706	303/3725
104/3713	204/3708	304/3726
105/3718	205/3710	305/3730
106/3719	206/3713	306/3706
107/3720	207/3718	307/3708
108/3721	208/3719	308/3710
109/3725	209/3720	309/3713
110/3726	210/3721	310/3718
111/3730	211/3725	311/3719

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH  
RAJENDRANAGAR, HYDERABAD – 500 030,  
TELANGANA, KHARIF 2026**

1.	Trial No.	<b>37</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Medium (AVT 2 &amp; 1 - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>47 (7 Locations for Zone V)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>30 (9 Entries for Zone V)</b>
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern); <b>Hybrid:</b> HRI 174 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ =80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No. 37: Layout plan of entries in Advance Variety Trial - Irrigated Medium (AVT 2 & 1 - IM), Kharif 2026 (Zone-V)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3719	201/3706	301/3704
102/3720	202/3713	302/3706
103/3730	203/3714	303/3713
104/3702	204/3719	304/3714
105/3703	205/3720	305/3719
106/3704	206/3730	306/3720
107/3706	207/3702	307/3730
108/3713	208/3703	308/3702
109/3714	209/3704	309/3703

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH RAJENDRANAGAR,  
HYDERABAD – 500 030, TELANGANA, KHARIF 2026**

1.	Trial No.	<b>37</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Medium (AVT 2 &amp; 1 - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>47 (4 Locations for Zone VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>47 (7 Entries for Zone VI)</b>
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern); <b>Hybrid:</b> HRI 174 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ =80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.37: Layout plan of entries in Advance Variety Trial - Irrigated Medium  
(AVT 2 & 1 - IM), Kharif 2026 (Zone-VI)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3702	201/3730	301/3728
102/3703	202/3702	302/3730
103/3706	203/3703	303/3702
104/3713	204/3706	304/3703
105/3720	205/3713	305/3706
106/3728	206/3720	306/3713
107/3730	207/3728	307/3720

**ZONE- VII**

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH RAJENDRANAGAR,  
HYDERABAD – 500 030, TELANGANA  
KHARIF 2026**

1.	Trial No.	<b>37</b>
2	Name of the trial:	<b>Advance Variety Trial – Irrigated Medium (AVT 2 &amp; 1 - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures and hybrids in irrigated areas
4	Locations:	<b>47 (15 Locations for Zone VII)</b>
5	Layout:	Randomized Block Design (RBD)
6	<b>Replications:</b>	<b>4</b>
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>47 (16 Entries for Zone VII)</b>
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern); <b>Hybrid:</b> HRI 174 and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.37: Layout plan of entries in Advance Variety Trial - Irrigated Medium  
(AVT 2 & 1 - IM), Kharif 2026 (Zone-VII)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>	<b>Replication 4 Plot No./Entry No</b>
101/3702	201/3730	301/3713	401/3706
102/3706	202/3702	302/3720	402/3702
103/3711	203/3706	303/3730	403/3713
104/3713	204/3711	304/3702	404/3711
105/3720	205/3713	305/3706	405/3730
106/3730	206/3720	306/3711	406/3720

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH RAJENDRANAGAR,  
HYDERABAD – 500 030, TELANGANA  
KHARIF 2026**

1.	Trial No.	<b>38</b>
2	Name of the trial:	<b>Initial Variety Trial – Irrigated Medium (IVT - IM)</b>
3	Objective:	To study the comparative performance of medium duration elite cultures
4	Locations:	47
5	Layout:	Randomized Block Design (RBD)
6	Replications:	2
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	64
12	Check varieties:	<b>National:</b> NDR 359; <b>Zonal:</b> PR 121(Northern), CR Dhan 300 (Eastern & North Eastern), Karma Mahsuri (Central), Akshaya Dhan (Western), Jaya (Southern) and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.38: Layout plan of entries in Initial Variety Trial – Irrigated Medium  
(IVT - IM), Kharif 2026.**

**REPLICATION-I**

101/3817	109/3859	117/3834	125/3806	133/3812	141/3855	149/3830	157/3809
102/3822	110/3852	118/3854	126/3847	134/3845	142/3810	150/3805	158/3827
103/3833	111/3813	119/3814	127/3831	135/3825	143/3811	151/3839	159/3851
104/3816	112/3819	120/3837	128/3826	136/3815	144/3849	152/3862	160/3840
105/3807	113/3832	121/3860	129/3848	137/3804	145/3844	153/3828	161/3803
106/3863	114/3843	122/3824	130/3858	138/3846	146/3857	154/3801	162/3835
107/3850	115/3838	123/3820	131/3802	139/3836	147/3821	155/3853	163/3823
108/3842	116/3856	124/3808	132/3864 (LC)	140/3829	148/3861	156/3818	164/3841

**REPLICATION-II**

201/3803	209/3838	217/3823	225/3835	233/3809	241/3851	249/3827	257/3840
202/3860	210/3808	218/3820	226/3824	234/3834	242/3814	250/3854	258/3837
203/3828	211/3818	219/3853	227/3801	235/3830	243/3839	251/3805	259/3862
204/3832	212/3856	220/3841	228/3843	236/3859	244/3813	252/3852	260/3819
205/3844	213/3861	221/3821	229/3857	237/3855	245/3811	253/3810	261/3849
206/3848	242/3864 (LC)	222/3802	230/3858	238/3806	246/3831	254/3847	262/3826
207/3807	215/3842	223/3850	231/3863	239/3817	247/3833	255/3822	263/3816
208/3804	216/3829	224/3836	232/3846	240/3812	248/3825	256/3845	264/3815

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad-500030, Telangana**  
**Kharif 2026**

1.	Trial No.	<b>39</b>
2	Name of the trial:	<b>Advance Variety Trial – Late (AVT 2 &amp; 1 – L)</b>
3	Objective:	To evaluate comparative performance of late duration elite cultures in irrigated areas
4	Locations:	<b>17 (10 Locations for Zone III)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>15 (6 Entries for Zone III)</b>
12	Check varieties:	<b>Swarna (National);</b> Pusa 44 (Northern), NDR 8002 (Eastern & Central), Ranjeet (North-Eastern), Salivahana (Western), Pushyami (Southern) – <b>Zonal Check; Hybrid: PA 6444 and Local Check</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No. 39: Layout plan of entries in Advance Variety Trial – Late  
(AVT 2 & 1 - Late) Zone-III**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>	<b>Replication 4 Plot No./Entry No</b>
101/3902	201/3902	301/3906	401/3904
102/3904	202/3911	302/3911	402/3906
103/3906	203/3914	303/3902	403/3902
104/3911	204/3915	304/3914	404/3915
105/3914	205/3904	305/3915	405/3914
106/3915	206/3906	306/3904	406/3911

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1.	Trial No.	<b>39</b>
2	Name of the trial:	<b>Advance Variety Trial – Late (AVT 2 &amp; 1 – L)</b>
3	Objective:	To evaluate comparative performance of late duration elite cultures in irrigated areas
4	Locations:	<b>17 (7 Locations for Zone V)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing:	20 cm between rows, 15 cm between hills
11	No. of entries:	<b>15 (15 Entries for Zone V)</b>
12	Check varieties:	Swarna ( <b>National</b> ); Pusa 44 (Northern), NDR 8002 (Eastern & Central), Ranjeet (North-Eastern), Salivahana (Western), Pushyami (Southern) – <b>Zonal Check; Hybrid: PA 6444 and Local Check</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No.39: Layout plan of entries in Advance Variety Trial – Late  
(AVT 2 & 1 - Late) Zone-V**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/3901	201/3915	301/3913
102/3902	202/3901	302/3914
103/3903	203/3902	303/3915
104/3904	204/3903	304/3901
105/3905	205/3904	305/3902
106/3906	206/3905	306/3903
107/3907	207/3906	307/3904
108/3908	208/3907	308/3905
109/3909	209/3908	309/3906
110/3910	210/3909	310/3907
111/3911	211/3910	311/3908
112/3912	212/3911	312/3909
113/3913	213/3912	313/3910
114/3914	214/3913	314/3911
115/3915	215/3914	315/3912

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1.	Trial No.	<b>40</b>
2	Name of the trial:	<b>Initial Variety Trial – Late (IVT – L)</b>
3	Objective:	To evaluate comparative performance of late duration elite cultures in irrigated areas
4	Locations:	48
5	Layout:	Simple Lattice Design
6	Replications:	2
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need- based
9	Plot size:	<b>10 sq m (This should be strictly followed)</b>
10	Spacing:	20 x 15 cm
11	No. of entries:	56
12	Check varieties:	Swarna ( <b>National</b> ); Pusa 44 (Northern), NDR 8002 (Eastern & Central), Ranjeet (North-Eastern), Salivahana (Western), Pushyami (Southern) – <b>Zonal Check; Hybrid: PA 6444 and Local Check</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow (1-2 seedlings / hill).</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF) Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• Number of fertile &amp; sterile spikelets / Panicle (Mean of 5 Mean of 5 panicles each entry.</li> <li>• Purity score: (UNI) <ul style="list-style-type: none"> <li>✓ = &gt;95% pure</li> <li>✓ = 80-95% Pure</li> <li>✓ = &lt;80% Pure</li> </ul> </li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days) Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield</li> </ul>		

**Trial No. 40: Layout plan of entries in Initial Variety Trial – Late (IVT - L),  
Kharif 2026**

<b>Replication 1</b>						
101/4001	109/4009	117/4017	125/4025	133/4033	141/4041	149/4049
102/4002	110/4010	118/4018	126/4026	134/4034	142/4042	150/4050
103/4003	111/4011	119/4019	127/4027	135/4035	143/4043	151/4051
104/4004	112/4012	120/4020	128/4028	136/4036	144/4044	152/4052
105/4005	113/4013	121/4021	129/4029	137/4037	145/4045	153/4053
106/4006	114/4014	122/4022	130/4030	138/4038	146/4046	154/4054
107/4007	115/4015	123/4023	131/4031	139/4039	147/4047	155/4055
108/4008	116/4016	124/4024	132/4032	140/4040	148/4048	156/4056(LC)

<b>Replication 2</b>						
201/4052	209/4004	217/4012	225/4020	233/4028	241/4036	249/4044
202/4053	210/4005	218/4013	226/4021	234/4029	242/4037	250/4045
203/4054	211/4006	219/4014	227/4022	235/4030	243/4038	251/4046
204/4055	212/4007	220/4015	228/4023	236/4031	244/4039	252/4047
205/4056(LC)	213/4008	221/4016	229/4024	237/4032	245/4040	253/4048
206/4001	214/4009	222/4017	230/4025	238/4033	246/4041	254/4049
207/4002	215/4010	223/4018	231/4026	239/4034	247/4042	255/4050
208/4003	216/4011	224/4019	232/4027	240/4035	248/4043	256/4051

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1	<b>Trial No.</b>	<b>41</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Aerobic (AVT 2 &amp; 1 - Aerob)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite cultures under aerobic conditions
4	<b>Total Locations</b>	<b>26 (03 Locations for Zone - II)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	4
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (Direct seeded) (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>34 (9 Entries for Zone- II)</b>
12	<b>Check Varieties:</b>	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern); <b>Hybrid:</b> DRRH4 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribacsodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stages of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14	<b>Fertilizer Application</b>	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval.</li> </ul>
15	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 41: Layout plan of entries in Advance Variety Trial - Aerobic (AVT 2 & 1 - Aerob), Kharif 2026 (Zone – II)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4105	201/4129	301/4122
102/4107	202/4105	302/4107
103/4112	203/4133	303/4112
104/4115	204/4134(LC)	304/4115
105/4122	205/4107	305/4105
106/4128	206/4112	306/4128
107/4129	207/4115	307/4129
108/4133	208/4122	308/4133
109/4134(LC)	209/4128	309/4134(LC)

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1	<b>Trial No.</b>	<b>41</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Aerobic (AVT 2 &amp; 1 - Aerob)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite cultures under aerobic conditions
4	<b>Total Locations</b>	<b>26 (10 Locations for Zone - III)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (Direct seeded) (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>34 (15 Entries for Zone III)</b>
12	<b>Check Varieties:</b>	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern); <b>Hybrid:</b> DRRH4 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribacsodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stages of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14	<b>Fertilizer Application</b>	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval.</li> </ul>
15	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 41: Layout plan of entries in Advance Variety Trial - Aerobic (AVT 2 & 1 - Aerob), Kharif 2026 (Zone – III)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4103	201/4134	301/4128
102/4104	202/4103	302/4129
103/4105	203/4104	303/4134
104/4107	204/4105	304/4103
105/4108	205/4107	305/4104
106/4110	206/4108	306/4105
107/4112	207/4110	307/4107
108/4115	208/4112	308/4108
109/4116	209/4115	309/4110
110/4120	210/4116	310/4112
111/4121	211/4120	311/4115
112/4122	212/4121	312/4116
113/4128	213/4122	313/4120
114/4129	214/4128	314/4121
115/4134	215/4129	315/4122

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1	<b>Trial No.</b>	<b>41</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Aerobic (AVT 2 &amp; 1 - Aerob)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite cultures under aerobic conditions
4	<b>Total Locations</b>	26 (3 Locations for Zone - IV)
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	<b>4</b>
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (Direct seeded) (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	34 (6 Entries for Zone IV)
12	<b>Check Varieties:</b>	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern); <b>Hybrid:</b> DRRH4 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribacsodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stages of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14	<b>Fertilizer Application</b>	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval.</li> </ul>
15	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 41: Layout plan of entries in Advance Variety Trial - Aerobic (AVT 2 & 1 - Aerob), Kharif 2026 (Zone – IV)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4105	201/4134	301/4132	401/4112
102/4112	202/4105	302/4134	402/4129
103/4122	203/4112	303/4105	403/4122
104/4129	204/4122	304/4112	404/4132
105/4132	205/4129	305/4122	405/4105
106/4134	206/4132	306/4129	406/4134

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1	<b>Trial No.</b>	<b>41</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Aerobic (AVT 2 &amp; 1 - Aerob)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite cultures under aerobic conditions
4	<b>Total Locations</b>	26 ( <b>04 Locations for Zone - V</b> )
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (Direct seeded) (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	34 ( <b>12 Entries for Zone V</b> )
12	<b>Check Varieties:</b>	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern); <b>Hybrid:</b> DRRH4 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribacsodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stages of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14	<b>Fertilizer Application</b>	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval.</li> </ul>
15	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 41: Layout plan of entries in Advance Variety Trial - Aerobic (AVT 2 & 1 - Aerob), Kharif 2026 (Zone – V)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4102	201/4105	301/4115
102/4105	202/4123	302/4119
103/4106	203/4129	303/4122
104/4107	204/4134	304/4105
105/4112	205/4102	305/4123
106/4113	206/4106	306/4129
107/4115	207/4107	307/4134
108/4119	208/4112	308/4102
109/4122	209/4113	309/4106
110/4123	210/4115	310/4107
111/4129	211/4119	311/4112
112/4134	212/4122	312/4113

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1	<b>Trial No.</b>	<b>41</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Aerobic (AVT 2 &amp; 1- Aerob)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite cultures under aerobic conditions
4	<b>Total Locations</b>	<b>26 (04 Locations for Zone - VI)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	4
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (Direct seeded) (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>34 (16 Entries for Zone VI)</b>
12	<b>Check Varieties:</b>	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern); <b>Hybrid:</b> DRRH4 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribacsodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stages of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14	<b>Fertilizer Application</b>	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval.</li> </ul>
15	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 41: Layout plan of entries in Advance Variety Trial - Aerobic (AVT 2 & 1 - Aerob), Kharif 2026 (Zone – VI)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4101	201/4131	301/4129
102/4105	202/4134	302/4130
103/4109	203/4101	303/4131
104/4111	204/4105	304/4134
105/4112	205/4109	305/4101
106/4114	206/4111	306/4105
107/4116	207/4112	307/4109
108/4118	208/4114	308/4111
109/4122	209/4116	309/4112
110/4123	210/4118	310/4114
111/4127	211/4122	311/4116
112/4128	212/4123	312/4118
113/4129	213/4127	313/4122
114/4130	214/4128	314/4123
115/4131	215/4129	315/4127
116/4134	216/4130	316/4128

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1	<b>Trial No.</b>	<b>41</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Aerobic (AVT 2 &amp; 1 - Aerob)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite cultures under aerobic conditions
4	<b>Total Locations</b>	<b>26 (02 Locations for Zone - VII)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	4
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (Direct seeded) (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>34 (11 Entries for Zone VII)</b>
12	<b>Check Varieties:</b>	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern); <b>Hybrid:</b> DRRH4 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribacsodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stages of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14	<b>Fertilizer Application</b>	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval.</li> </ul>
15	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 41: Layout plan of entries in Advance Variety Trial - Aerobic (AVT 2 & 1 - Aerob), Kharif 2026 (Zone – VII)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4103	201/4105	301/4124
102/4105	202/4129	302/4125
103/4112	203/4134	303/4126
104/4117	204/4103	304/4105
105/4118	205/4112	305/4129
106/4122	206/4117	306/4134
107/4124	207/4118	307/4103
108/4125	208/4122	308/4112
109/4126	209/4124	309/4117
110/4129	210/4125	310/4118
111/4134	211/4126	311/4122

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1	Trial No.	42
2	Name of the trial:	<b>Initial Variety Trial – Aerobic (IVT - AEROB)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations:	26
5	Layout:	Simple Lattice Design
6	Replications:	2
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need based
9	Plot size:	<b>10 sq m (Direct seeded) (This should be strictly followed)</b>
10	Spacing:	20 x 15 cm or 30 x 10 cm
11	Total no. of entries:	64
12	Check varieties:	<b>National:</b> DRR Dhan 54, CR Dhan 201; <b>Zonal:</b> CRDhan202 (Northern, Eastern, Northeastern, Central), AAUD R-1 (Western), MAS 946-1 (Southern) and <b>Local Check.</b>
13	General instructions:	<ul style="list-style-type: none"> <li>• Dibble 2 or 3 seeds / hill at shallow depth.</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near</li> <li>• saturated condition within 5-6days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain aerobic condition and provide need based frequent irrigation when tips of top leaves start rolling so that plants should not experience moisture stress at any stage of crop growth.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field.</li> </ul>
14.	Fertilizer application:	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage.)</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO4 solution 2-3 times at weekly interval.</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> <li>• Rainfall data and quantity of irrigation water</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.</li> <li>• Kindly provide weather data especially rainfall data.</li> </ul>		

**Trial No. 42: Layout plan of entries in Initial Variety  
Trial – Aerobic (IVT - AEROB), Kharif 2026**

**REPLICATION-I**

101/4217	109/4259	117/4234	125/4206	133/4212	141/4255	149/4230	157/4209
102/4222	110/4252	118/4254	126/4247	134/4245	142/4210	150/4205	158/4227
103/4233	111/4213	119/4214	127/4231	135/4225	143/4211	151/4239	159/4251
104/4216	112/4219	120/4237	128/4226	136/4215	144/4249	152/4262	160/4240
105/4207	113/4232	121/4260	129/4248	137/4204	145/4244	153/4228	161/4203
106/4263	114/4243	122/4224	130/4258	138/4246	142/4257	154/4201	162/4235
107/4250	115/4241	123/4220	131/4202	139/4236	147/4221	155/4253	163/4223
108/4242	116/4256	124/4208	132/4264 (LC)	140/4229	148/4261	156/4218	164/4238

**REPLICATION-II**

201/4203	209/4238	217/4223	225/4235	233/4209	241/4251	249/4227	257/4240
202/4260	210/4208	218/4220	226/4224	234/4234	242/4214	250/4254	258/4237
203/4228	211/4218	219/4253	227/4201	235/4230	243/4239	251/4205	259/4262
204/4232	212/4256	220/4241	228/4243	236/4259	242/4213	252/4252	260/4219
205/4244	213/4261	221/4221	229/4257	237/4255	245/4211	253/4210	261/4249
206/4248	214/4264 (LC)	222/4202	230/4258	238/4206	242/4231	254/4247	262/4226
207/4207	215/4242	223/4250	231/4263	239/4217	247/4233	255/4222	263/4216
208/4204	216/4229	224/4236	232/4246	240/4212	248/4225	256/4245	264/4215

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1	<b>Trial No.</b>	<b>43</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Medium Slender Grain (AVT 2 &amp; 1 - MS)</b>
3	<b>Objectives:</b>	To study the comparative performance of Medium Slender grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>36 (12 Locations for Zone III)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	Transplanting: 20 cm between rows & 15 cm between plants
11	<b>Total No. of entries</b>	<b>24 (12 Entries for Zone III)</b>
12	<b>Check Varieties:</b>	<b>National:</b> Telangana Sona (Early Duration), WGL14 (Medium duration) & BPT 5204 (Late duration & Recurrent Parent); <b>Zonal:</b> Improved Samba Mahsuri (Eastern & Central), Ketekijoha (Northeastern), Karjat 6 (Western), ADT 49 (Southern); <b>Hybrid:</b> 27 P 63 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Grains/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> <li>• Data will be considered only if MS grain type is used as Local Check</li> </ul>
<b>Data will not be considered if mean yield of the experiment is below 4t/ha. Kindly offer an explanation for the low yield.</b>		

**Trial No. 43: Layout plan of entries in Advance Variety Trial – Medium Slender Grain (AVT 2 & 1 - MS), Kharif 2026 (Zone III)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4302	201/4324	301/4320
102/4303	202/4302	302/4321
103/4308	203/4303	303/4322
104/4313	204/4308	304/4324
105/4318	205/4313	305/4302
106/4319	206/4318	306/4303
107/4320	207/4319	307/4308
108/4321	208/4320	308/4313
109/4322	209/4321	309/4318
110/4324	210/4322	310/4319

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1	<b>Trial No.</b>	<b>43</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Medium Slender Grain (AVT 2 &amp; 1 - MS)</b>
3	<b>Objectives:</b>	To study the comparative performance of Medium Slender grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>36 (4 Locations for Zone V)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	Transplanting: 20 cm cm between rows & 15 cm between plants
11	<b>Total No. of entries</b>	<b>24 (12 Entries for Zone V)</b>
12	<b>Check Varieties:</b>	<b>National:</b> Telangana Sona (Early Duration), WGL14 (Medium duration) & BPT 5204 (Late duration & Recurrent Parent); <b>Zonal:</b> Improved Samba Mahsuri (Eastern & Central), Ketekijoha (Northeastern), Karjat 6 (Western), ADT 49 (Southern); <b>Hybrid:</b> 27 P 63 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Grains/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> <li>• Data will be considered only if MS grain type is used as Local Check</li> </ul>
Data will not be considered if mean yield of the experiment is below 4t/ha. Kindly offer an explanation for the low yield.		

**Trial No. 43: Layout plan of entries in Advance Variety Trial – Medium Slender Grain  
(AVT 2 & 1 - MS), Kharif 2026 (Zone V)**

Replication 1 Plot No./Entry No	Replication 2 Plot No./Entry No	Replication 3 Plot No./Entry No
101/4303	201/4322	301/4318
102/4308	202/4323	302/4319
103/4312	203/4324	303/4321
104/4313	204/4303	304/4322
105/4315	205/4308	305/4323
106/4317	206/4312	306/4324
107/4318	207/4313	307/4303
108/4319	208/4315	308/4308
109/4321	209/4317	309/4312
110/4322	210/4318	310/4313
111/4323	211/4319	311/4315
112/4324	212/4321	312/4317

**Note:** Total No. of entries in the trial are 24; For Zone-V only 12 entries are included. Wherever missing numbers are found, those entries are not included for Zone-V.

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1	<b>Trial No.</b>	<b>43</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Medium Slender Grain (AVT 2 &amp; 1 - MS)</b>
3	<b>Objectives:</b>	To study the comparative performance of Medium Slender grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>36 (6 Locations for Zone VI)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	Transplanting: 20 cm between rows & 15 cm between plants
11	<b>Total No. of entries</b>	<b>24 (13 Entries for Zone VI)</b>
12	<b>Check Varieties:</b>	<b>National:</b> Telangana Sona (Early Duration), WGL14 (Medium duration) & BPT 5204 (Late duration & Recurrent Parent); <b>Zonal:</b> Improved Samba Mahsuri (Eastern & Central), Ketekijoha (Northeastern), Karjat 6 (Western), ADT 49 (Southern); <b>Hybrid:</b> 27 P 63 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Grains/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> <li>• Data will be considered only if MS grain type is used as Local Check</li> </ul>
<b>Data will not be considered if mean yield of the experiment is below 4t/ha. Kindly offer an explanation for the low yield.</b>		

**Trial No. 43: Layout plan of entries in Advance Variety Trial – Medium Slender Grain (AVT 2 & 1 - MS), Kharif 2026 (Zone VI)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4301	201/4324	301/4318
102/4302	202/4301	302/4321
103/4303	203/4302	303/4322
104/4304	204/4303	304/4324
105/4308	205/4304	305/4301
106/4309	206/4308	306/4302
107/4313	207/4309	307/4303
108/4314	208/4313	308/4304
109/4315	209/4314	309/4308
110/4318	210/4315	310/4309
111/4321	211/4318	311/4313
112/4322	212/4321	312/4314
113/4324	213/4322	313/4315

**Note:** Total No. of entries in the trial are 24; For Zone-VI only 13 entries are included. Wherever missing numbers are found, those entries are not included for Zone-VI.

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1	<b>Trial No.</b>	<b>43</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Medium Slender Grain (AVT 2 &amp; 1 - MS)</b>
3	<b>Objectives:</b>	To study the comparative performance of Medium Slender grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>36 (14 Locations for Zone VII)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	Transplanting: 20 cm cm between rows & 15 cm between plants
11	<b>Total No. of entries</b>	<b>24 (14 Entries for Zone VII)</b>
12	<b>Check Varieties:</b>	<b>National:</b> Telangana Sona (Early Duration), WGL14 (Medium duration) & BPT 5204 (Late duration & Recurrent Parent); <b>Zonal:</b> Improved Samba Mahsuri (Eastern & Central), Ketekijoha (Northeastern), Karjat 6 (Western), ADT 49 (Southern); <b>Hybrid:</b> 27 P 63 and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Grains/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> <li>• Data will be considered only if MS grain type is used as Local Check</li> </ul>
Data will not be considered if mean yield of the experiment is below 4t/ha. Kindly offer an explanation for the low yield.		

**Trial No. 43: Layout plan of entries in Advance Variety Trial – Medium Slender Grain (AVT 2 & 1 - MS), Kharif 2026 (Zone VII)**

Replication 1 Plot No./Entry No	Replication 2 Plot No./Entry No	Replication 3 Plot No./Entry No
101/4303	201/4321	301/4314
102/4305	202/4324	302/4316
103/4306	203/4303	303/4318
104/4307	204/4305	304/4321
105/4308	205/4306	305/4324
106/4309	206/4307	306/4303
107/4310	207/4308	307/4305
108/4311	208/4309	308/4306
109/4313	209/4310	309/4307
110/4314	210/4311	310/4308
111/4316	211/4313	311/4309
112/4318	212/4314	312/4310
113/4321	213/4316	313/4311
114/4324	214/4318	314/4313

**Note:** Total No. of entries in the trial are 24; For Zone-VII only 14 entries are included. Wherever missing numbers are found, those entries are not included for Zone-VII.

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1	<b>Trial No.</b>	<b>44</b>
2	<b>Name of the trial</b>	<b>Initial Variety Trial – Medium Slender Grain (IVT - MS)</b>
3	<b>Objectives:</b>	To study the comparative performance of Medium Slender grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	40
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	2
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	Transplanting: 20 cm between rows & 15 cm between plants
11	<b>Total No. of entries</b>	64
12	<b>Check Varieties:</b>	<b>National:</b> Telangana Sona (Early Duration), WGL14 (Medium duration) & BPT 5204 (Late duration & Recurrent Parent); <b>Zonal:</b> Improved Samba Mahsuri (Eastern & Central), Ketekijoha (Northeastern), Karjat 6 (Western), ADT 49 (Southern) and <b>Local Check.</b>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Grains/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature</li> <li>• Data will be considered only if MS grain type is used as LocalCheck</li> </ul>
Data will not be considered if mean yield of the experiment is below 4t/ha. Kindly offer an explanation for the low yield.		

**Trial No. 44: Layout plan of entries in Initial Variety Trial – Medium Slender Grain  
(IVT - MS), Kharif 2026**

**REPLICATION-I**

101/4417	109/4459	117/4434	125/4406	133/4412	141/4455	149/4430	157/4409
102/4422	110/4452	118/4454	126/4447	134/4445	142/4410	150/4405	158/4427
103/4433	111/4413	119/4414	127/4431	135/4425	143/4411	151/4439	159/4451
104/4416	112/4419	120/4437	128/4426	136/4415	144/4440	152/4462	160/4449
105/4407	113/4432	121/4460	129/4448	137/4404	145/4444	153/4428	161/4403
106/4463	114/4443	122/4424	130/4458	138/4446	146/4457	154/4401	162/4435
107/4450	115/4441	123/4420	131/4402	139/4436	147/4421	155/4453	163/4423
108/4442	116/4456	124/4408	132/4464 (LC)	140/4429	148/4461	156/4418	164/4438

**REPLICATION-II**

201/4403	209/4438	217/4423	225/4435	233/4409	241/4451	249/4427	257/4440
202/4460	210/4408	218/4420	226/4424	234/4434	242/4414	250/4454	258/4437
203/4428	211/4418	219/4453	227/4401	235/4430	243/4439	251/4405	259/4462
204/4432	212/4456	220/4441	228/4443	236/4459	244/4413	252/4452	260/4419
205/4444	213/4461	221/4421	229/4457	237/4455	245/4411	253/4410	261/4449
206/4448	214/4464 (LC)	222/4402	230/4458	238/4406	246/4431	254/4447	262/4426
207/4407	215/4442	223/4450	231/4463	239/4417	247/4433	255/4422	263/4416
208/4404	216/4429	224/4436	232/4446	240/4412	248/4425	256/4445	264/4415

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1	<b>Trial No.</b>	<b>45</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Rice Biofortification (AVT 1 – BIOFORT)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite lines for yield and nutritional quality
4	<b>Total Locations</b>	<b>5 (2 Locations for Zone IV)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre (if zinc is not included in the POPs, apply zinc sulphate @ 25-50 kg/ha once in every 3 crop seasons, preferably in rabi). <b>If the centre is not applied the zinc sulphate in the last two years, apply in current season without fail.</b>
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>11 (9 Entries for Zone IV)</b>
12	<b>Check Varieties:</b>	<b>Yield Checks:</b> BPT 5204 & IR 64; <b>Yield &amp; Micro Nutrient Checks:</b> DRR Dhan 48 and DRR Dhan 45; <b>Micro Nutrient Check:</b> Chittimutyalu.
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> <li>• Soil samples up to 20 cm deep before planting and after harvesting to be collected and sent to IIRR for analysis for estimating Fe &amp; Zn content</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Sterility percentage</li> <li>• Test Weight/ 1000 grain weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• 50 gms of grains per entry in 2 replications after harvesting to be sent to IIRR for Fe and Zn analysis</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 45: Layout plan of entries in Advance Variety Trial – Rice Biofortification  
(AVT 1 - BIOFORT), Kharif 2026 (ZONE-IV)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4501	201/4507	301/4506
102/4502	202/4508	302/4507
103/4503	203/4510	303/4508
104/4504	204/4501	304/4510
105/4505	205/4502	305/4501
106/4506	206/4503	306/4502
107/4507	207/4504	307/4503
108/4508	208/4505	308/4504
109/4510	209/4506	309/4505

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1	<b>Trial No.</b>	<b>45</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial – Rice Biofortification (AVT 1 – BIOFORT)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite lines for yield and nutritional quality
4	<b>Total Locations</b>	<b>5 (3 Locations for Zone VI)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre (if zinc is not included in the POPs, apply zinc sulphate @ 25-50 kg/ha once in every 3 crop seasons, preferably in rabi). <b>If the centre is not applied the zinc sulphate in the last two years, apply in current season without fail.</b>
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>11(8 Entries for Zone VI)</b>
12	<b>Check Varieties:</b>	<b>Yield Checks:</b> BPT 5204 & IR 64; <b>Yield &amp; Micro Nutrient Checks:</b> DRR Dhan 48 and DRR Dhan 45; <b>Micro Nutrient Check:</b> Chittimutyalu.
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> <li>• Soil samples up to 20 cm deep before planting and after harvesting to be collected and sent to IIRR for analysis for estimating Fe &amp; Zn content</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Sterility percentage</li> <li>• Test Weight/ 1000 grain weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• 50 gms of grains per entry in 2 replications after harvesting to be sent to IIRR for Fe and Zn analysis</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 45: Layout plan of entries in Advance Variety Trial – Rice Biofortification  
(AVT 1 - BIOFORT), Kharif 2026 (ZONE-VI)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/4502	201/4510	301/4509
102/4504	202/4511	302/4510
103/4506	203/4502	303/4511
104/4507	204/4504	304/4502
105/4508	205/4506	305/4504
106/4509	206/4507	306/4506
107/4510	207/4508	307/4507
108/4511	208/4509	308/4508

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1	<b>Trial No.</b>	<b>46</b>
2	<b>Name of the trial</b>	<b>Initial Variety Trial – Rice Biofortification (IVT - BIOFORT)</b>
3	<b>Objectives:</b>	To study the comparative performance of elite lines for yield and nutritional quality
4	<b>Total Locations</b>	37
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	2
7	<b>Fertilizers:</b>	As per the recommendation of the centre (if zinc is not included in the POPs, apply zinc sulphate @ 25-50 kg/ha once in every 3 crop seasons, preferably in rabi). <b>If the centre is not applied the zinc sulphate in the last two years, apply in current season without fail.</b>
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	56
12	<b>Check Varieties:</b>	<b>Yield Checks:</b> BPT 5204 & IR 64; <b>Yield &amp; Micro Nutrient Checks:</b> DRR Dhan 48 and DRR Dhan 45; <b>Micro Nutrient Check:</b> Chittimutyalu.
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> <li>• Soil samples up to 20 cm deep before planting and after harvesting to be collected and sent to IIRR for analysis for estimating Fe &amp; Zn content</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Sterility percentage</li> <li>• Test Weight/ 1000 grain weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• 50 gms of grains per entry in 2 replications after harvesting to be sent to IIRR for Fe and Zn analysis</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 46: Layout plan of entries in Initial Variety Trial – Rice Biofortification  
(IVT - BIOFORT), Kharif 2026**

**Replication 1**

101/4655	109/4607	117/4615	125/4623	133/4631	141/4639	149/4647
102/4656	110/4608	118/4616	126/4624	134/4632	142/4640	150/4648
103/4601	111/4609	119/4617	127/4625	135/4633	143/4641	151/4649
104/4602	112/4610	120/4618	128/4626	136/4634	144/4642	152/4650
105/4603	113/4611	121/4619	129/4627	137/4635	145/4643	153/4651
106/4604	114/4612	122/4620	130/4628	138/4636	146/4644	154/4652
107/4605	115/4613	123/4621	131/4629	139/4637	147/4645	155/4653
108/4606	116/4614	124/4622	132/4630	140/4638	148/4646	156/4654

**Replication 2**

201/4649	209/4601	217/4609	225/4617	233/4625	241/4633	249/4641
202/4650	210/4602	218/4610	226/4618	234/4626	242/4634	250/4642
203/4651	211/4603	219/4611	227/4619	235/4627	243/4635	251/4643
204/4652	212/4604	220/4612	228/4620	236/4628	244/4636	252/4644
205/4653	213/4605	221/4613	229/4621	237/4629	245/4637	253/4645
206/4654	214/4606	222/4614	230/4622	238/4630	246/4638	254/4646
207/4655	215/4607	223/4615	231/4623	239/4631	247/4639	255/4647
208/4656	216/4608	224/4616	232/4624	240/4632	248/4640	256/4648

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1	<b>Trial No.</b>	<b>47</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 &amp; 1 – AL &amp; ISTVT) (Microplot)</b>
3	<b>Objectives:</b>	To evaluate comparative performance of promising elite cultures for Alkalinity and Inland salinity.
4	<b>Total Locations</b>	
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
9	<b>Spacing</b>	15 x 15 cm
10	<b>Total No. of entries</b>	17
11	<b>Check Varieties:</b>	<b>Inland Saline Tolerant (CSR 23), Observational sensitive check (PR 127), Early duration Saline Check (CSR 10), Alkaline Tolerant check (CSR 36), Saline tolerant &amp; donor (FL 478), Sensitive Check (BPT-5204) and Local check.</b>
12	<b>Special instructions:</b>	<ul style="list-style-type: none"> <li>• Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.</li> </ul>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• The trial for sodic soils (alkaline) may be conducted in soil with pH &gt;8.5, EC &lt;4 dSm<sup>-1</sup> and ESP more than 15% whereas inland salinity trial may be conducted in soil with pH ≤ 8.0, EC &gt;4 dSm<sup>-1</sup></li> <li>• Select a homogeneously Alkaline/ Inland saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• <b>Soil characteristics:</b> For sodic/alkaline and inland saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• Soil Samples need to be sent to CSSRI Karnal.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**NB:**

- i) Without the data on pH & EC at three stages of crop growth data will not be considered.
- ii) Since very frequently trials of AL&ISTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.
- iii) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centers is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 47: Layout plan of entries in Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 & 1 - AL & ISTVT) (Microplot)- Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4701	201 /4705	301 /4716
102 /4702	202 /4715	302 /4712
103 /4703	203 /4716	303 /4703
104 /4704	204 /4709	304 /4707
105 /4705	205 /4714	305 /4704
106 /4706	206 /4712	306 /4711
107 /4707	207 /4708	307 /4709
108 /4708	208 /4713	308 /4714
109 /4709	209 /4703	309 /4708
110 /4710	210 /4704	310 /4710
111 /4711	211 /4701	311 /4702
112 /4712	212 /4707	312 /4701
113 /4713	213 /4702	313 /4705
114 /4714	214 /4711	314 /4715
115 /4715	215 /4710	315 /4717
116/4716	216/4717	316/4706
117/4717	217/4706	317/4713

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1	<b>Trial No.</b>	<b>47</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 &amp; 1 – AL &amp; ISTVT) - Zone II</b>
3	<b>Objectives:</b>	To evaluate comparative performance of promising elite cultures for Alkalinity and Inland salinity.
4	<b>Total Locations</b>	<b>19 (8 Locations for Zone II)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
9	<b>Spacing</b>	15 x 15 cm
10	<b>Total No. of entries</b>	<b>17 (15 Entries for Zone II)</b>
11	<b>Check Varieties:</b>	<b>Inland Saline Tolerant (CSR 23), Observational sensitive check (PR 127), Early duration Saline Check (CSR 10), Alkaline Tolerant check (CSR 36), Saline tolerant &amp; donor (FL 478), Sensitive Check (BPT-5204) and Local check.</b>
12	<b>Special instructions:</b>	<ul style="list-style-type: none"> <li>• Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.</li> </ul>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• The trial for sodic soils (alkaline) may be conducted in soil with pH &gt;8.5, EC &lt;4 dSm<sup>-1</sup> and ESP more than 15% whereas inland salinity trial may be conducted in soil with pH ≤ 8.0, EC &gt;4 dSm<sup>-1</sup></li> <li>• Select a homogeneously Alkaline/ Inland saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• <b>Soil characteristics:</b> For sodic/alkaline and inland saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• Soil Samples need to be sent to CSSRI Karnal.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**NB:**

- ii) Without the data on pH & EC at three stages of crop growth data will not be considered.
- iv) Since very frequently trials of AL&ISTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.
- v) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centers is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 47: Layout plan of entries in Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 & 1 - AL & ISTVT)-Zone II, Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4701	201 /4705	301 /4716
102 /4702	202 /4715	302 /4712
103 /4703	203 /4716	303 /4703
104 /4704	204 /4709	304 /4707
105 /4705	205 /4714	305 /4704
106 /4707	206 /4712	306 /4711
107 /4708	207 /4708	307 /4709
108 /4709	208 /4713	308 /4714
109 /4710	209 /4703	309 /4708
110 /4711	210 /4704	310 /4710
111 /4712	211 /4701	311 /4702
112 /4713	212 /4707	312 /4701
113 /4714	213 /4702	313 /4705
114 /4715	214 /4711	314 /4715
115 /4716	215 /4710	315 /4713

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1	<b>Trial No.</b>	47
2	<b>Name of the trial</b>	<b>Advance Variety Trial 2 &amp; 1 - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 &amp; 1 – AL &amp; ISTVT) - Zone III</b>
3	<b>Objectives:</b>	To evaluate comparative performance of promising elite cultures for Alkalinity and Inland salinity.
4	<b>Total Locations</b>	19 (3 Locations for Zone III)
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
9	<b>Spacing</b>	15 x 15 cm
10	<b>Total No. of entries</b>	17(10 Entries for Zone III)
11	<b>Check Varieties:</b>	<b>Inland Saline Tolerant (CSR 23), Observational sensitive check (PR 127), Early duration Saline Check (CSR 10), Alkaline Tolerant check (CSR 36), Saline tolerant &amp; donor (FL 478), Sensitive Check (BPT-5204) and Local check.</b>
12	<b>Special instructions:</b>	<ul style="list-style-type: none"> <li>• Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.</li> </ul>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• The trial for sodic soils (alkaline) may be conducted in soil with pH &gt;8.5, EC &lt;4 dSm<sup>-1</sup> and ESP more than 15% whereas inland salinity trial may be conducted in soil with pH ≤ 8.0, EC &gt;4 dSm<sup>-1</sup></li> <li>• Select a homogeneously Alkaline/ Inland saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill : 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• <b>Soil characteristics:</b> For sodic/alkaline and inland saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• Soil Samples need to be sent to CSSRI Karnal.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**N B :**

- ❖ Without the data on pH & EC at three stages of crop growth data will not be considered.
- ❖ Since very frequently trials of AL&ISTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.
- ❖ It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centers is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 47: Layout plan of entries in Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 & 1 - AL & ISTVT) - Zone III Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4702	201 /4710	301 /4715
102 /4703	202 /4711 (LC)	302 /4708
103 /4705	203 /4702	303 /4710
104 /4708	204 /4705	304 /4713
105 /4709	205 /4708	305 /4709
106 /4710	206 /4716	306 /4705
107 /4711(LC)	207 /4713	307 /4703
108 /4713	208 /4703	308 /4711 (LC)
109 /4715	209 /4715	309 /4716
110 /4716	210 /4709	310 /4702

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1	<b>Trial No.</b>	<b>47</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 &amp; 1 – AL &amp; ISTVT) - Zone VII</b>
3	<b>Objectives:</b>	To evaluate comparative performance of promising elite cultures for Alkalinity and Inland salinity.
4	<b>Total Locations</b>	<b>19 (8 Locations for Zone VII)</b>
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
9	<b>Spacing</b>	15 x 15 cm
10	<b>Total No. of entries</b>	<b>17 (11 Entries for Zone VII)</b>
11	<b>Check Varieties:</b>	<b>Inland Saline Tolerant (CSR 23), Observational sensitive check (PR 127), Early duration Saline Check (CSR 10), Alkaline Tolerant check (CSR 36), Saline tolerant &amp; donor (FL 478), Sensitive Check (BPT-5204) and Local check.</b>
12	<b>Special instructions:</b>	<ul style="list-style-type: none"> <li>• Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.</li> </ul>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• The trial for sodic soils (alkaline) may be conducted in soil with pH &gt;8.5, EC &lt;4 dSm<sup>-1</sup> and ESP more than 15% whereas inland salinity trial may be conducted in soil with pH ≤ 8.0, EC &gt;4 dSm<sup>-1</sup></li> <li>• Select a homogeneously Alkaline/ Inland saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• <b>Soil characteristics:</b> For sodic/alkaline and inland saline soils, pH and EC</li> <li>• to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• Soil Samples need to be sent to CSSRI Karnal.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**NB:**

- ❖ Without the data on pH & EC at three stages of crop growth data will not be considered.
- ❖ Since very frequently trials of AL&ISTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.
- ❖ It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centers is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 47: Layout plan of entries in Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 & 1 - AL & ISTVT) - Zone VII, Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4702	201 /4716	301 /4713
102 /4703	202 /4711 (LC)	302 /4705
103 /4704	203 /4703	303 /4711 (LC)
104 /4705	204 /4708	304 /4703
105 /4706	205 /4712	305 /4712
106 /4708	206 /4702	306 /4706
107 /4711 (LC)	207 /4717	307 /4717
108 /4712	208 /4706	308 /4708
109 /4713	209 /4704	309 /4702
110 /4716	210 /4713	310 /4716
111 /4717	211 /4705	311 /4704

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1	<b>Trial No.</b>	<b>48</b>
2	<b>Name of the trial</b>	<b>Initial Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (IVT - AL &amp; ISTVT)</b>
3	<b>Objectives:</b>	To evaluate comparative performance of promising elite cultures for Alkalinity and Inland salinity.
4	<b>Total Locations</b>	20
5	<b>Layout:</b>	Randomized Block Design (RBD)
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plot size</b>	<b>15 sq m (This should be strictly followed)</b>
9	<b>Spacing</b>	15 x 15 cm
10	<b>Total No. of entries</b>	27
11	<b>Check Varieties:</b>	<b>Alkaline Tolerant check (CSR 36), Early Duration Saline check (CSR 10), Inland Saline check (CSR 23), Observational check (PR 127), Saline Tolerant &amp; Donor (FL 478), Sensitive check (BPT-5204) and Local check.</b>
12	<b>Special instructions:</b>	<ul style="list-style-type: none"> <li>• Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.</li> </ul>
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• The trial for sodic soils (alkaline) may be conducted in soil with pH &gt;8.5, EC &lt;4 dSm<sup>-1</sup> and ESP more than 15% whereas inland salinity trial may be conducted in soil with pH ≤ 8.0, EC &gt;4 dSm<sup>-1</sup></li> <li>• Select a homogeneously Alkaline/ Inland saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• <b>Soil characteristics:</b> For sodic/alkaline and inland saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• Soil Samples need to be sent to CSSRI Karnal.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 2t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**NB:**

- ❖ Without the data on pH & EC at three stages of crop growth data will not be considered.
- ❖ Since very frequently trials of AL&ISTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.
- ❖ It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centers is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 48: Layout plan of entries in Initial Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (IVT - AL & ISTV) Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4801	201 /4808	301 /4823
102 /4802	202 /4813	302 /4809
103 /4803	203 /4801	303 /4802
104 /4804	204 /4825	304 /4822
105 /4805	205 /4821	305 /4806
106 /4806	206 /4804	306 /4813
107 /4807	207 /4820	307 /4817
108 /4808	208 /4819	308 /4804
109 /4809	209 /4811	309 /4810
110 /4810	210 /4817	310 /4808
111 /4811	211 /4812	311 /4827 (LC)
112 /4812	212 /4818	312 /4815
113 /4813	213 /4827 (LC)	313 /4825
114 /4814	214 /4822	314 /4803
115 /4815	215 /4824	315 /4807
116 /4816	216 /4805	316 /4801
117 /4817	217 /4806	317 /4805
118 /4818	218 /4816	318 /4811
119 /4819	219 /4815	319 /4812
120 /4820	220 /4814	320 /4820
121 /4821	221 /4807	321 /4819
122 /4822	222 /4810	322 /4814
123 /4823	223 /4809	323 /4821
124 /4824	224 /4823	324 /4824
125 /4825	225 /4803	325 /4816
126 /4826	226 /4802	326 /4826
127 /4827 (LC)	227 /4826	327 /4818

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1	Trial No.:	<b>49</b>
2	Name of the trial:	<b>Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT) (Microplot)</b>
3	Objectives:	To evaluate comparative performance of promising elite cultures for Coastal Saline soils
4	Locations:	
5	Layout:	Randomized Block Design (RBD)
6	Fertilizers:	As per the recommendation of the centre
7	Replications:	3
8	Entries:	17
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing	15 x 15 cm
11	Check varieties:	<b>Bhuthnath (Coastal Saline), FL 478 (Saline Tolerant), BPT-5204 (Sensitive), CSR 10 (Early duration saline), PR 127 (Observational Sensitive) and Local Check.</b>
12	Special instructions:	Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyse the pH and EC at your centre and half of the sample send to IIRR.
13	General instructions:	<ul style="list-style-type: none"> <li>• In coastal saline soils, the trial may be conducted in soils with electrical conductivity above 4 dSm<sup>-1</sup> and pH &lt; 7.</li> <li>• Select a homogeneously coastal saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil characteristics: For coastal saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.		

NB:

i) Without the data on pH & EC at three stages of crop growth, data will not be considered.

ii) Since very frequently trials of CSTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.

iii) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centres is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 49: Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT) (Microplot) Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4901	201 /4910	301 /4912
102 /4902	202 /4911	302 /4905
103 /4903	203 /4916	303 /4916
104 /4904	204 /4912	304 /4904
105 /4905	205 /4908	305 /4907
106 /4906	206 /4903	306 /4917
107 /4907	207 /4904	307 /4910
108 /4908	208 /4905	308 /4911
109 /4909 (LC)	209 /4917	309 /4915
110 /4910	210 /4913	310 /4906
111 /4911	211 /4907	311 /4901
112 /4912	212 /4906	312 /4903
113 /4913	213 /4909 (LC)	313 /4913
114 /4914	214 /4901	314 /4909 (LC)
115 /4915	215 /4915	315 /4908
116/4906	216/4902	316/4914
117/4917	217/4914	317/4902

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1	Trial No.:	<b>49</b>
2	Name of the trial:	<b>Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT)</b>
3	Objectives:	To evaluate comparative performance of promising elite cultures for Coastal Saline soils
4	Locations:	<b>13 (3 locations for Zone-III)</b>
5	Layout:	Randomized Block Design (RBD)
6	Fertilizers:	As per the recommendation of the centre
7	Replications:	3
8	Entries:	<b>17 (15 entries for Zone-III)</b>
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing	15 x 15 cm
11	Check varieties:	Bhuthnath ( <b>Coastal Saline</b> ), FL 478 ( <b>Saline Tolerant</b> ), BPT-5204 ( <b>Sensitive</b> ), CSR 10 ( <b>Early duration saline</b> ), PR 127 ( <b>Observational Sensitive</b> ) and <b>Local Check</b> .
12	Special instructions:	Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyse the pH and EC at your centre and half of the sample send to IIRR.
13	General instructions:	<ul style="list-style-type: none"> <li>• In coastal saline soils, the trial may be conducted in soils with electrical conductivity above 4 dSm<sup>-1</sup> and pH &lt; 7.</li> <li>• Select a homogeneously coastal saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil characteristics: For coastal saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.		

NB:

i) Without the data on pH & EC at three stages of crop growth, data will not be considered.

ii) Since very frequently trials of CSTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.

iii) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centres is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 49: Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT) Zone – III, Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4901	201 /4910	301 /4912
102 /4903	202 /4911	302 /4905
103 /4904	203 /4916	303 /4916
104 /4905	204 /4912	304 /4904
105 /4906	205 /4908	305 /4907
106 /4907	206 /4903	306 /4917
107 /4908	207 /4904	307 /4910
108 /4909 (LC)	208 /4905	308 /4911
109 /4910	209 /4917	309 /4915
110 /4911	210 /4913	310 /4906
111 /4912	211 /4907	311 /4901
112 /4913	212 /4906	312 /4903
113 /4915	213 /4909 (LC)	313 /4913
114 /4916	214 /4901	314 /4909 (LC)
115 /4917	215 /4915	315 /4908

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1	Trial No.:	<b>49</b>
2	Name of the trial:	<b>Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT)</b>
3	Objectives:	To evaluate comparative performance of promising elite cultures for Coastal Saline soils
4	Locations:	<b>13 (05 locations for Zone-VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	Fertilizers:	As per the recommendation of the centre
7	Replications:	3
8	Entries:	<b>17 (11 entries for Zone-VI)</b>
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing	15 x 15 cm
11	Check varieties:	<b>Bhuthnath (Coastal Saline), FL 478 (Saline Tolerant), BPT-5204 (Sensitive), CSR 10 (Early duration saline), PR 127 (Observational Sensitive) and Local Check.</b>
12	Special instructions:	Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.
13	General instructions:	<ul style="list-style-type: none"> <li>• In coastal saline soils, the trial may be conducted in soils with electrical conductivity above 4 dSm<sup>-1</sup> and pH &lt; 7.</li> <li>• Select a homogeneously coastal saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil characteristics: For coastal saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.		

NB:

i) Without the data on pH & EC at three stages of crop growth, data will not be considered.

ii) Since very frequently trials of CSTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.

iii) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centres is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.

**Trial 49: Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 2 & 1 - CSTVT) Zone – VI Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4902	201 /4915	301 /4907
102 /4903	202 /4911	302 /4915
103 /4905	203 /4905	303 /4913
104 /4907	204 /4917	304 /4902
105 /4909 (LC)	205 /4913	305 /4905
106 /4911	206 /4907	306 /4917
107 /4913	207 /4914	307 /4909 (LC)
108 /4914	208 /4902	308 /4911
109 /4915	209 /4903	309 /4903
110 /4916	210 /4909 (LC)	310 /4916
111 /4917	211 /4916	311 /4914

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1	Trial No.:	<b>49</b>
2	Name of the trial:	<b>Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT)</b>
3	Objectives:	To evaluate comparative performance of promising elite cultures for Coastal Saline soils
4	Locations:	<b>13 (05 locations for Zone-VII)</b>
5	Layout:	Randomized Block Design (RBD)
6	Fertilizers:	As per the recommendation of the centre
7	Replications:	3
8	Entries:	<b>17 (09 entries for Zone-VII)</b>
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing	15 x 15 cm
11	Check varieties:	<b>Bhuthnath (Coastal Saline), FL 478 (Saline Tolerant), BPT-5204 (Sensitive), CSR 10 (Early duration saline), PR 127 (Observational Sensitive) and Local Check.</b>
12	Special instructions:	Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyze the pH and EC at your centre and half of the sample send to IIRR.
13	General instructions:	<ul style="list-style-type: none"> <li>• In coastal saline soils, the trial may be conducted in soils with electrical conductivity above 4 dSm<sup>-1</sup> and pH &lt; 7.</li> <li>• Select a homogeneously coastal saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill : 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil characteristics: For coastal saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.		

**NB:**

*i) Without the data on pH & EC at three stages of crop growth, data will not be considered.*

*ii) Since very frequently trials of CSTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.*

*iii) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centres is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.*

**Trial 49: Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT) Zone – VII, Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101 /4903	201 /4909 (LC)	301 /4913
102 /4905	202 /4913	302 /4905
103 /4907	203 /4905	303 /4903
104 /4909 (LC)	204 /4907	304 /4907
105 /4911	205 /4911	305 /4911
106 /4913	206 /4903	306 /4917
107 /4915	207 /4917	307 /4916
108 /4916	208 /4916	308 /4915
109 /4917	209 /4915	309 /4909 (LC)

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1	Trial No.:	<b>50</b>
2	Name of the trial:	<b>Initial Variety Trial - Coastal Saline Tolerant Variety Trial (IVT - CSTVT)</b>
3	Objectives:	To evaluate comparative performance of promising elite cultures for Coastal Saline soils
4	Locations:	<del>14</del> 16
5	Layout:	Randomized Block Design (RBD)
6	Fertilizers:	As per the recommendation of the centre
7	Replications:	3
8	Entries:	48
9	Plot size:	15 sq m (This should be strictly followed)
10	Spacing	15 x 15 cm
11	Check varieties:	Bhuthnath ( <b>Coastal Saline</b> ), FL 478 ( <b>Saline Tolerant</b> ), BPT-5204 ( <b>Sensitive</b> ), CSR 10 ( <b>Early duration saline</b> ), PR 127 ( <b>Observational Sensitive</b> ) and <b>Local Check</b> .
12	Special instructions:	Before land preparation, collect surface (0-30 cm depth) soil samples randomly from 10-15 spots from the experimental sites, air dry, mix and pass through 2 mm sieve, analyse the pH and EC at your centre and half of the sample send to IIRR.
13	General instructions:	<ul style="list-style-type: none"> <li>• In coastal saline soils, the trial may be conducted in soils with electrical conductivity above 4 dSm<sup>-1</sup> and pH &lt; 7.</li> <li>• Select a homogeneously coastal saline area for main field</li> <li>• Raise the nursery in normal soil and sow the nursery as thin as possible</li> <li>• Transplant seedlings shallow</li> <li>• Seedlings per hill: 2-3</li> <li>• Gap fill within a week of planting after recording the mortality of the seedlings</li> <li>• Transplant 30 days old seedlings &amp; incorporate fertilizer evenly</li> <li>• No soil amendment or high doses of fertilizer to be added</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil characteristics: For coastal saline soils, pH and EC to be determined at 3 stages of crop growth i.e., 1) Before puddling/transplanting, 2) Maximum tillering and 3) Flowering in 0-15 &amp; 15-30 cm soil depth. Soil characteristics may be determined from 2 replications only.</li> <li>• EC and pH data of irrigation water/inundation water.</li> <li>• Water depth and duration of water during crop growth</li> <li>• Seedling survival percentage</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Days to 50% flowering &amp; Plant height (cm)</li> <li>• Phenotypic acceptability</li> <li>• Reaction to pests and diseases</li> <li>• Rainfall during crop growth (Number of rainy days)</li> <li>• Maximum &amp; minimum temperature</li> </ul>
When the mean yield of the experiment is below 2 t/ha, kindly offer an explanation for the low yield.		

*NB: i) Without the data on pH & EC at three stages of crop growth, data will not be considered.*

*ii) Since very frequently trials of CSTVT are getting inundated, which is typical of this ecology, data on the survived entries will be useful. Therefore please record data.*

*iii) It is requested that trial be conducted as per the technical program and record data properly. Many a time, data from several centres is not considered in the past due to poor conduct of trials. Therefore you are requested to conduct the trial to generate meaningful data.*

**Trial 50: Layout plan of entries in Initial Variety Trial - Coastal Saline Tolerant Variety Trial  
(IVT - CSTVT) Kharif 2026**

<b>Replication 1 Plot No. /Entry No</b>	<b>Replication 2 Plot No. /Entry No</b>	<b>Replication 3 Plot No. /Entry No</b>
101 /5001	201/5017	301/5010
102 /5002	202/5014	302/5015
103 /5003	203/5038	303/5021
104 /5004	204/5005	304/5017
105 /5005	205/5028	305/5005
106 /5006	206/5009	306/5043
107 /5007	207/5048	307/5039
108 /5008	208/5029	308/5034
109 /5009	209/5037	309/5024
110 /5010	210/5013	310/5006
111 /5011	211/5019	311/5033
112 /5012	212/5023	312/5025
113 /5013	213/5026	313/5029
114 /5014	214/5016	314/5046
115 /5015	215/5024	315/5003
116 /5016	216/5039	316/5036
117 /5017	217/5033	317/5041 (LC)
118 /5018	218/5034	318/5044
119 /5019	219/5031	319/5023
120 /5020	220/5007	320/5011
121 /5021	221/5027	321/5045
122 /5022	222/5018	322/5009
123 /5023	223/5004	323/5031
124 /5024	224/5003	324/5002
125 /5025	225/5042	325/5042
126 /5026	226/5002	326/5047
127 /5027	227/5025	327/5037
128 /5028	228/5012	328/5001
129 /5029	229/5041 (LC)	329/5007
130 /5030	230/5022	330/5004
131 /5031	231/5045	331/5032
132 /5032	232/5047	332/5026
133 /5033	233/5036	333/5018
134 /5034	234/5010	334/5020
135 /5035	235/5035	335/5038
136 /5036	236/5008	336/5013
137 /5037	237/5015	337/5012
138 /5038	238/5032	338/5048
139 /5039	239/5001	339/5040
140 /5040	240/5020	340/5027
141 /5041 (LC)	241/5006	341/5028
142 /5042	242/5011	342/5008
143 /5043	243/5040	343/5022
144 /5044	244/5043	344/5019
145 /5045	245/5046	345/5016
146 /5046	246/5044	346/5030
147 /5047	247/5021	347/5035
148 /5048	248/5030	348/5014

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1	Trial No.	<b>51</b>
2	Name of the trial	<b>Advance Variety Trial 2 &amp; 1 – NIL (AVT 2 &amp; 1-NIL)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations	43 ( <b>4 Location for Zone II</b> )
5	Layout:	Randomized Block Design (RBD)
6	<b>Replications:</b>	<b>4 Replication</b>
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>15 sq m (This should be strictly followed)</b>
10	Spacing	20 x 15 cm
11	Total No. of entries	43 ( <b>6 entries for Zone II</b> )
12	Check varieties:	Recurrent Parent and respective NIL entries were included
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Number of fertile and sterile spikelets/Panicles(mean of 5 panicles each entry)</li> <li>• Spikelet fertility</li> <li>• Purity score: (UNI)</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 51: Layout plan of entries in Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1 - NIL), Kharif 2026 (Zone II)**

<b>Replication 1 Plot no/Entry No</b>	<b>Replication 2 Plot no/Entry No</b>	<b>Replication 3 Plot no/Entry No</b>	<b>Replication 4 Plot no/Entry No</b>
101 /5106	201 /5107	301 /5123	401 /5108
102 /5107	202 /5123	302 /5108	402 /5109
103 /5108	203 /5106	303 /5109	403 /5107
104 /5109	204 /5122	304 /5107	404 /5123
105 /5122	205 /5108	305 /5106	405 /5122
106 /5123	206 /5109	306 /5122	406 /5106

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1	Trial No.	<b>51</b>
2	Name of the trial	<b>Advance Variety Trial 2 &amp; 1 – NIL (AVT 2 &amp; 1-NIL)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations	<b>43 (10 Locations for Zone III)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>15 sq m (This should be strictly followed)</b>
10	Spacing	20 x 15 cm
11	Total No. of entries	<b>43 (23 entries for Zone III)</b>
12	Check varieties:	Recurrent Parent and respective NIL entries were included
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Number of fertile and sterile spikelets/Panicles(mean of 5 panicles each entry)</li> <li>• Spikelet fertility</li> <li>• Purity score: (UNI)</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 51: Layout plan of entries in Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1 - NIL), Kharif 2026 (Zone III)**

<b>Replication 1 Plot no/Entry No</b>	<b>Replication 2 Plot no/Entry No</b>	<b>Replication 3 Plot no/Entry No</b>
101 /5101	201 /5140	301 /5106
102 /5102	202 /5126	302 /5141
103 /5103	203 /5135	303 /5127
104 /5104	204 /5116	304 /5122
105 /5105	205 /5124	305 /5111
106 /5106	206 /5102	306 /5107
107 /5107	207 /5109	307 /5126
108 /5108	208 /5108	308 /5125
109 /5109	209 /5127	309 /5134
110 /5110	210 /5141	310 /5104
111 /5111	211 /5104	311 /5102
112 /5116	212 /5106	312 /5109
113 /5117	213 /5103	313 /5105
114 /5122	214 /5122	314 /5140
115 /5123	215 /5107	315 /5103
116 /5124	216 /5123	316 /5116
117 /5125	217 /5101	317 /5110
118 /5126	218 /5125	318 /5124
119 /5127	219 /5105	319 /5117
120 /5134	220 /5110	320 /5135
121 /5135	221 /5111	321 /5108
122 /5140	222 /5134	322 /5123
123 /5141	223 /5117	323 /5101

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1	Trial No.	<b>51</b>
2	Name of the trial	<b>Advance Variety Trial 2 &amp; 1 – NIL (AVT 2 &amp; 1-NIL)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations	<b>43 (6 Location for Zone V)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>15 sq m (This should be strictly followed)</b>
10	Spacing	20 x 15 cm
11	Total No. of entries	<b>43 (19 entries for Zone V)</b>
12	Check varieties:	Recurrent Parent and respective NIL entries were included
13	General Instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Number of fertile and sterile spikelets/Panicles(mean of 5 panicles each entry)</li> <li>• Spikelet fertility</li> <li>• Purity score: (UNI)</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 51: Layout plan of entries in Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1 - NIL), Kharif 2026 (Zone V)**

<b>Replication 1 Plot no/Entry No</b>	<b>Replication 2 Plot no/Entry No</b>	<b>Replication 3 Plot no/Entry No</b>
101 /5101	201 /5141	301 /5106
102 /5102	202 /5126	302 /5102
103 /5103	203 /5117	303 /5124
104 /5104	204 /5110	304 /5108
105 /5105	205 /5109	305 /5117
106 /5106	206 /5101	306 /5141
107 /5107	207 /5107	307 /5104
108 /5108	208 /5124	308 /5109
109 /5109	209 /5140	309 /5116
110 /5110	210 /5106	310 /5140
111 /5111	211 /5111	311 /5127
112 /5116	212 /5108	312 /5111
113 /5117	213 /5103	313 /5107
114 /5124	214 /5116	314 /5103
115 /5125	215 /5105	315 /5101
116 /5126	216 /5127	316 /5110
117 /5127	217 /5125	317 /5126
118 /5140	218 /5104	318 /5125
119 /5141	219 /5102	319 /5105

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1	Trial No.	<b>51</b>
2	Name of the trial	<b>Advance Variety Trial 2 &amp; 1 – NIL (AVT 2 &amp; 1-NIL)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations	<b>43 (5 Location for Zone VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	<b>4 Replication</b>
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>15 sq m (This should be strictly followed)</b>
10	Spacing	20 x 15 cm
11	Total No. of entries	43 ( <b>6 entries for Zone VI</b> )
12	Check varieties:	Recurrent Parent and respective NIL entries were included
13	General Instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Number of fertile and sterile spikelets/Panicles(mean of 5 panicles each entry)</li> <li>• Spikelet fertility</li> <li>• Purity score: (UNI)</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 51: Layout plan of entries in Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1 - NIL), Kharif 2026 (Zone VI)**

<b>Replication 1 Plot no/Entry No</b>	<b>Replication 2 Plot no/Entry No</b>	<b>Replication 3 Plot no/Entry No</b>	<b>Replication 4 Plot no/Entry No</b>
101 /5110	201 /5126	301 /5140	401 /5111
102 /5111	202 /5110	302 /5111	402 /5126
103 /5126	203 /5141	303 /5127	403 /5110
104 /5127	204 /5140	304 /5141	404 /5141
105 /5140	205 /5127	305 /5110	405 /5127
106 /5141	206 /5111	306 /5126	406 /5140

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1	Trial No.	<b>51</b>
2	Name of the trial	<b>Advance Variety Trial 2 &amp; 1 – NIL (AVT 2 &amp; 1-NIL)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations	<b>43 (18 Location for Zone VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>15 sq m (This should be strictly followed)</b>
10	Spacing	20 x 15 cm
11	Total No. of entries	43 ( <b>33 entries for Zone VII</b> )
12	Check varieties:	Recurrent Parent and respective NIL entries were included
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Number of fertile and sterile spikelets/Panicles(mean of 5 panicles each entry)</li> <li>• Spikelet fertility</li> <li>• Purity score: (UNI)</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 51: Layout plan of entries in Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1 - NIL), Kharif 2026 (Zone VII)**

<b>Replication 1 Plot no/Entry No</b>	<b>Replication 2 Plot no/Entry No</b>	<b>Replication 3 Plot no/Entry No</b>
101 /5105	201 /5140	301 /5110
102 /5106	202 /5133	302 /5105
103 /5107	203 /5110	303 /5112
104 /5108	204 /5127	304 /5120
105 /5109	205 /5138	305 /5130
106 /5110	206 /5139	306 /5126
107 /5111	207 /5115	307 /5142
108 /5112	208 /5107	308 /5127
109 /5113	209 /5125	309 /5133
110 /5114	210 /5128	310 /5111
111 /5115	211 /5131	311 /5141
112 /5118	212 /5119	312 /5137
113 /5119	213 /5113	313 /5128
114 /5120	214 /5136	314 /5131
115 /5121	215 /5141	315 /5138
116 /5124	216 /5118	316 /5113
117 /5125	217 /5121	317 /5139
118 /5126	218 /5126	318 /5121
119 /5127	219 /5112	319 /5119
120 /5128	220 /5106	320 /5118
121 /5129	221 /5129	321 /5129
122 /5130	222 /5105	322 /5136
123 /5131	223 /5111	323 /5114
124 /5132	224 /5124	324 /5132
125 /5133	225 /5114	325 /5109
126 /5136	226 /5132	326 /5107
127 /5137	227 /5137	327 /5125
128 /5138	228 /5143	328 /5106
129 /5139	229 /5142	329 /5143
130 /5140	230 /5108	330 /5115
131 /5141	231 /5109	331 /5140
132 /5142	232 /5120	332 /5108
133 /5143	233 /5130	333 /5124

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1	Trial No.	<b>51(A)</b>
2	Name of the trial	<b>Advance Variety Trial 2 &amp; 1 – NIL (AVT 2 &amp; 1-NIL) (Herbicide Tolerance trait trial)</b>
3	Objectives:	To study the comparative performance of elite cultures under aerobic conditions
4	Total Locations	<b>(7 Location for Zone VII)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>15 sq m (This should be strictly followed)</b>
10	Spacing	20 x 15 cm
11	Total No. of entries	<b>8 (8 entries for Zone VII)</b>
12	Check varieties:	Recurrent Parent and respective NIL entries were included
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Number of fertile and sterile spikelets/Panicles(mean of 5 panicles each entry)</li> <li>• Spikelet fertility</li> <li>• Purity score: (UNI)</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1-NIL) (Herbicide Tolerance trait trial) , Kharif 2026 (Zone VII)**

<b>Replication 1 Plot no/Entry No</b>	<b>Replication 2 Plot no/Entry No</b>	<b>Replication 3 Plot no/Entry No</b>
101 /5101 A	201 /5108 A	301 /5105 A
102 /5102 A	202 /5107 A	302 /5106 A
103 /5103 A	203 /5106 A	303 /5107 A
104 /5104 A	204 /5105 A	304 /5108 A
105 /5105 A	205 /5104 A	305 /5101 A
106 /5106 A	206 /5103 A	306 /5102 A
107/5107 A	207/5102 A	307/5103 A
108/5108 A	208/5101 A	308/5104 A

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1	Trial No.	<b>52</b>
2	Name of the trial:	<b>Advance Varietal Trial – Low Phosphorous Tolerance Trial (AVT 2 &amp; 1 - LPT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	<b>10 (04 Locations for Zone III)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	<b>Fertilizers:</b>	<b>Nitrogen and Potash = Recommended Dose</b>
		<b>Phosphorous= Two levels</b>
		<b>(i) P<sub>50</sub> (50% of Phosphorous i.e. 30 Kg/ha)</b>
		<b>(ii) P<sub>100</sub> (100% of Phosphorous i.e. 60 Kg/ha)</b>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 3 sq m</b>
10	Spacing:	Transplanting:
		20 cm between rows
		15 cm between plants
11	No. of entries:	<b>13 (11 Entries for Zone III)</b>
12	Check varieties:	Vandana ( <b>Positive very early duration</b> ), Swarna ( <b>Positive</b> ), Rasi ( <b>Positive</b> ), Improved Samba Mahsuri ( <b>Sensitive</b> ), DRR Dhan 60 ( <b>Positive</b> ).
13	General Instruction:	<ul style="list-style-type: none"> <li>• Genotypes should be evaluated at 50% Phosphorus (30kg P<sub>2</sub>O<sub>5</sub>/ha) and 100% Phosphorous(60kg P<sub>2</sub>O<sub>5</sub>/ha)</li> <li>• Sow the seed in bed as thin as possible</li> <li>• Transplant 25-day old seedlings, one seedling / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly of recommendation dose</li> <li>• 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• Total Tiller Number per plant</li> <li>• Productive tiller per plant (No.)</li> <li>• Panicle length (cm)</li> <li>• No. of filled grains per panicle</li> <li>• Spikelet fertility percentage</li> <li>• Grain yield per plot</li> <li>• Grain yield Kg per ha</li> <li>• Phosphorus content in grain in each plot after harvest</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> <li>• Any other information</li> </ul>

**Trial No. 52: Layout plan of entries in AVT 2 & 1 - Low Phosphorus tolerance trial,  
Kharif 2026 (Zone III)**

<b>Replication 1 Plot No./Entry No.</b>	<b>Replication 2 Plot No./Entry No.</b>	<b>Replication 3 Plot No./Entry No.</b>
101 /5201	201 /5204	301 /5212
102 /5203	202 /5209	302 /5201
103 /5204	203 /5206	303 /5206
104 /5205	204 /5210	304 /5204
105 /5206	205 /5207	305 /5208
106 /5207	206 /5205	306 /5203
107 /5208	207 /5212	307 /5205
108 /5209	208 /5203	308 /5210
109 /5210	209 /5211	309 /5209
110 /5211	210 /5201	310 /5211
111 /5212	211 /5208	311 /5207

**NOTE: Same layout for two levels of Phosphorous**

- ❖ **P<sub>50</sub> (50% of Phosphorous i.e.30kgP<sub>2</sub>O<sub>5</sub>/ha)**
- ❖ **P<sub>100</sub>(100% of Phosphorous i.e.60kgP<sub>2</sub>O<sub>5</sub>/ha)**

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1	Trial No.	<b>52</b>
2	Name of the trial:	<b>Advance Varietal Trial – Low Phosphorous Tolerance Trial (AVT 2 &amp; 1 - LPT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	<b>10 (02 Locations for Zone VI)</b>
5	Layout:	Randomized Block Design (RBD)
6	<b>Replications:</b>	<b>4 Replication</b>
7	<b>Fertilizers:</b>	<b>Nitrogen and Potash = Recommended Dose</b>
		<b>Phosphorous= Two levels</b>
		<b>(i) P<sub>50</sub> (50% of Phosphorous i.e. 30 Kg/ha)</b>
		<b>(ii) P<sub>100</sub> (100% of Phosphorous i.e. 60 Kg/ha)</b>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 3 sq m</b>
10	Spacing:	Transplanting:
		20 cm between rows
		15 cm between plants
11	No. of entries:	<b>13 (5 Entries for Zone VI)</b>
12	Check varieties:	Vandana ( <b>Positive very early duration</b> ), Swarna ( <b>Positive</b> ), Rasi ( <b>Positive</b> ), Improved Samba Mahsuri ( <b>Sensitive</b> ), DRR Dhan 60 ( <b>Positive</b> ).
13	General Instruction:	<ul style="list-style-type: none"> <li>• Genotypes should be evaluated at 50% Phosphorus (30kg P<sub>2</sub>O<sub>5</sub>/ha) and 100% Phosphorous(60kg P<sub>2</sub>O<sub>5</sub>/ha)</li> <li>• Sow the seed in bed as thin as possible</li> <li>• Transplant 25-day old seedlings, one seedling / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly of recommendation dose</li> <li>• 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• Total Tiller Number per plant</li> <li>• Productive tiller per plant (No.)</li> <li>• Panicle length (cm)</li> <li>• No. of filled grains per panicle</li> <li>• Spikelet fertility percentage</li> <li>• Grain yield per plot</li> <li>• Grain yield Kg per ha</li> <li>• Phosphorus content in grain in each plot after harvest</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> <li>• Any other information</li> </ul>

**Trial No. 52: Layout plan of entries in AVT 2 & 1 - Low Phosphorus tolerance trial,  
Kharif 2026 (Zone VI)**

<b>Replication 1 Plot No./Entry No.</b>	<b>Replication 2 Plot No./Entry No.</b>	<b>Replication 3 Plot No./Entry No.</b>	<b>Replication 4 Plot No./Entry No.</b>
101 /5203	201 /5205	301 /5213	401 /5211
102 /5205	202 /5207	302 /5211	402 /5203
103 /5207	203 /5213	303 /5203	403 /5207
104 /5211	204 /5203	304 /5205	404 /5213
105 /5213	205 /5211	305 /5207	405 /5205

**NOTE: Same layout for two levels of Phosphorous**

- ❖ **P<sub>50</sub> (50% of Phosphorous i.e.30kgP<sub>2</sub>O<sub>5</sub>/ha)**
- ❖ **P<sub>100</sub>(100% of Phosphorous i.e.60kgP<sub>2</sub>O<sub>5</sub>/ha)**

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1	Trial No.	<b>52</b>
2	Name of the trial:	<b>Advance Varietal Trial – Low Phosphorous Tolerance Trial (AVT 2 &amp; 1 - LPT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	<b>10 (04 Locations for Zone VII)</b>
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	<b>Fertilizers:</b>	<b>Nitrogen and Potash = Recommended Dose</b>
		<b>Phosphorous= Two levels</b>
		<b>(i) P<sub>50</sub> (50% of Phosphorous i.e. 30 Kg/ha)</b>
		<b>(ii) P<sub>100</sub> (100% of Phosphorous i.e. 60 Kg/ha)</b>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 3 sq m</b>
10	Spacing:	Transplanting:
		20 cm between rows
		15 cm between plants
11	No. of entries:	<b>13 (7 Entries for Zone VII)</b>
12	Check varieties:	Vandana ( <b>Positive very early duration</b> ), Swarna ( <b>Positive</b> ), Rasi ( <b>Positive</b> ), Improved Samba Mahsuri ( <b>Sensitive</b> ), DRR Dhan 60 ( <b>Positive</b> ).
13	General Instruction:	<ul style="list-style-type: none"> <li>• Genotypes should be evaluated at 50% Phosphorus (30kg P<sub>2</sub>O<sub>5</sub>/ha) and 100% Phosphorous(60kg P<sub>2</sub>O<sub>5</sub>/ha)</li> <li>• Sow the seed in bed as thin as possible</li> <li>• Transplant 25-day old seedlings, one seedling / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly of recommendation dose</li> <li>• 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• Total Tiller Number per plant</li> <li>• Productive tiller per plant (No.)</li> <li>• Panicle length (cm)</li> <li>• No. of filled grains per panicle</li> <li>• Spikelet fertility percentage</li> <li>• Grain yield per plot</li> <li>• Grain yield Kg per ha</li> <li>• Phosphorus content in grain in each plot after harvest</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> <li>• Any other information</li> </ul>

**Trial No. 52: Layout plan of entries in AVT 2 & 1 - Low Phosphorus tolerance trial,  
Kharif 2026 (Zone VII)**

<b>Replication 1 Plot No./Entry No.</b>	<b>Replication 2 Plot No./Entry No.</b>	<b>Replication 3 Plot No./Entry No.</b>
101 /5201	201 /5211	301 /5203
102 /5202	202 /5201	302 /5205
103 /5203	203 /5205	303 /5201
104 /5205	204 /5203	304 /5213
105 /5207	205 /5213	305 /5211
106 /5211	206 /5207	306 /5202
107 /5213	207 /5202	307 /5207

**NOTE: Same layout for two levels of Phosphorous**

- ❖ **P<sub>50</sub> (50% of Phosphorous i.e.30kgP<sub>2</sub>O<sub>5</sub>/ha)**
- ❖ **P<sub>100</sub>(100% of Phosphorous i.e.60kgP<sub>2</sub>O<sub>5</sub>/ha)**

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1	Trial No.	<b>53</b>
2	Name of the trial:	<b>Initial Varietal Trial – Low Phosphorous Tolerance Trial (IVT - LPT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	10
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	<b>Fertilizers:</b>	<ul style="list-style-type: none"> <li>• <b>Nitrogen and Potash = Recommended Dose</b></li> <li>• <b>Phosphorous= Two levels</b></li> <li>• <b>P<sub>50</sub> (50% of Phosphorous i.e. 30 Kg/ha)</b></li> <li>• <b>P<sub>100</sub> (100% of Phosphorous i.e. 60 Kg/ha)</b></li> </ul>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 3 sq m</b>
10	Spacing:	Transplanting: <ul style="list-style-type: none"> <li>✓ 20 cm between row</li> <li>✓ 15 cm between plants</li> </ul>
11	No. of entries:	<b>22</b>
12	Check varieties:	Vandana ( <b>Positive very early duration</b> ), Swarna ( <b>Positive</b> ), Rasi ( <b>Positive</b> ), Improved Samba Mahsuri ( <b>Sensitive</b> ), DRR Dhan 60 ( <b>Positive</b> ).
13	General Instruction:	<ul style="list-style-type: none"> <li>✓ Genotypes should be evaluated at 50% Phosphorus (30kg P<sub>2</sub>O<sub>5</sub>/ha) and 100% Phosphorous(60kg P<sub>2</sub>O<sub>5</sub>/ha)</li> <li>✓ Sow the seed in bed as thin as possible</li> <li>✓ Transplant 25-day old seedlings, one seedling / hill.</li> <li>✓ Gap fill within a week of planting</li> <li>✓ Incorporate fertilizer evenly of recommendation dose</li> <li>✓ 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>✓ Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>✓ Days to 50% flowering</li> <li>✓ Plant height (cm)</li> <li>✓ Total Tiller Number per plant</li> <li>✓ Productive tiller per plant (No.)</li> <li>✓ Panicle length (cm)</li> <li>✓ No. of filled grains per panicle</li> </ul> <ul style="list-style-type: none"> <li>✓ Spikelet fertility percentage</li> <li>✓ Grain yield per plot</li> <li>✓ Grain yield Kg per ha</li> <li>✓ Phosphorus content in grain in each plot after harvest</li> <li>✓ Notes on pests, diseases and lodging</li> <li>✓ Rainfall during the crop growth (Number of rainy days)</li> <li>✓ Maximum and minimum temperature.</li> <li>✓ Any other information</li> </ul>

**Trial No.53: Layout plan of entries in IVT - Low Phosphorus tolerance trial, Kharif  
2026**

<b>Replication 1 Plot No./Entry No.</b>	<b>Replication 2 Plot No./Entry No.</b>	<b>Replication 3 Plot No./Entry No.</b>
101 /5301	201/5312	301/5313
102 /5302	202/5318	302/5320
103 /5303	203/5320	303/5312
104 /5304	204/5317	304/5319
105 /5305	205/5319	305/5311
106 /5306	206/5316	306/5318
107 /5307	207/5315	307/5310
108 /5308	208/5314	308/5317
109 /5309	209/5313	309/5308
110 /5310	210/5309	310/5301
111/5311	211/5303	311/5309
112/5312	212/5305	312/5307
113/5313	213/5308	313/5306
114/53114	214/5306	314/5305
115/5315	215/5302	315/5302
116/5316	216/5310	316/5316
117/5317	217/5304	317/5304
118/5318	218/5311	318/5322
119/5319	219/5301	319/5303
120/5320	220/5307	320/5321
121/5321	221/5322	321/5315
122/5322	222/5321	322/5314

- ❖ **P<sub>50</sub> (50% of Phosphorous i.e.30kgP<sub>2</sub>O<sub>5</sub>/ha)**
- ❖ **P<sub>100</sub>(100% of Phosphorous i.e.60kgP<sub>2</sub>O<sub>5</sub>/ha)**

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1	Trial No.	54
2	Name of the trial:	<b>Advance Varietal Trial – Low Nitrogen Tolerance Trial (AVT 2 &amp; 1 - LNT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	4 ( <b>01 Location for Zone II</b> )
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	<ul style="list-style-type: none"> <li>• <b>Phosphorus and Potash = Recommended Dose</b></li> <li>• <b>Nitrogen = Two levels</b> <ol style="list-style-type: none"> <li><b>I. N 50 (50% of Nitrogen) i.e. 50 Kg/ha</b></li> <li><b>II. N 100 (100% of Nitrogen) i.e.100 Kg/ha</b></li> </ol> </li> </ul>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 5 sq m</b>
10	Spacing:	Transplanting: <ul style="list-style-type: none"> <li>✓ 20 cm between rows</li> <li>✓ 15 cm between plants</li> </ul>
11	No. of entries:	15( <b>13 Entries for Zone II</b> )
12	Check varieties:	<b>Positive Check:</b> Varadhan, Rasi, Swarna & DRR Dhan 64; <b>Sensitive Check:</b> Improved Samba Mahsuri
13	General Instruction:	<ul style="list-style-type: none"> <li>• Genotypes should be evaluated at Two levels of nitrogen N50 (50kg N/ha) and N 100 (100 kg N /ha)</li> <li>• Sow the seed in bed as thin as possible</li> <li>• Transplant 25-day old seedlings, one seedling / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly as per the trial</li> <li>• 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• Total Tiller Number per plant</li> <li>• Productive tiller per plant (No.)</li> <li>• Panicle length (cm)</li> <li>• No. of filled grains per panicle</li> <li>• Spikelet fertility percentage</li> <li>• Grain yield per plot</li> <li>• Grain yield Kg per ha</li> <li>• % nitrogen in grain</li> <li>• Nitrogen Use Efficiency</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> <li>• Any other information</li> </ul>

**Trial No.54: Layout plan of entries in AVT 2 & 1 - Low Nitrogen Tolerance trial,  
Kharif 2026 (Zone II)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5401	201/5415	301/5412
102/5402	202/5401	302/5413
103/5403	203/5402	303/5414
104/5404	204/5403	304/5415
105/5406	205/5404	305/5401
106/5407	206/5406	306/5402
107/5408	207/5407	307/5403
108/5409	208/5408	308/5404
109/5411	209/5409	309/5406
110/5412	210/5411	310/5407
111/5413	211/5412	311/5408
112/5414	212/5413	312/5409
113/5415	213/5414	313/5411

**NOTE: Same layout for two Levels of Nitrogen**

- (i) **N50(50%ofNitrogeni.e.50kgN/ha)**
- (ii) **N100(100%ofNitrogeni.e.100kgN/ha)**

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1	Trial No.	<b>54</b>
2	Name of the trial:	<b>Advance Varietal Trial – Low Nitrogen Tolerance Trial (AVT 2 &amp; 1 - LNT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	4 ( <b>03 Location for Zone VI</b> )
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	<ul style="list-style-type: none"> <li>• <b>Phosphorus and Potash = Recommended Dose</b></li> <li>• <b>Nitrogen = Two levels</b> <ol style="list-style-type: none"> <li><b>I. N 50 (50% of Nitrogen) i.e. 50 Kg/ha</b></li> <li><b>II. N 100 (100% of Nitrogen) i.e.100 Kg/ha</b></li> </ol> </li> </ul>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 5 sq m</b>
10	Spacing:	Transplanting: <ul style="list-style-type: none"> <li>✓ 20 cm between rows</li> <li>✓ 15 cm between plants</li> </ul>
11	No. of entries:	15 ( <b>7 Entries for Zone VI</b> )
12	Check varieties:	<b>Positive Check:</b> Varadhan, Rasi, Swarna & DRR Dhan 64; <b>Sensitive Check:</b> Improved Samba Mahsuri
13	General Instruction:	<ul style="list-style-type: none"> <li>• Genotypes should be evaluated at Two levels of nitrogen N50 (50kg N/ha) and N 100 (100 kg N /ha)</li> <li>• Sow the seed in bed as thin as possible</li> <li>• Transplant 25-day old seedlings, one seedling / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly as per the trial</li> <li>• 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• Total Tiller Number per plant</li> <li>• Productive tiller per plant (No.)</li> <li>• Panicle length (cm)</li> <li>• No. of filled grains per panicle</li> <li>• Spikelet fertility percentage</li> <li>• Grain yield per plot</li> <li>• Grain yield Kg per ha</li> <li>• % nitrogen in grain</li> <li>• Nitrogen Use Efficiency</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> <li>• Any other information</li> </ul>

**Trial No.54: Layout plan of entries in AVT 2 & 1 - Low Nitrogen Tolerance trial,  
Kharif 2026 (Zone VI)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5403	201/5414	301/5409
102/5405	202/5403	302/5410
103/5406	203/5405	303/5412
104/5409	204/5406	304/5414
105/5410	205/5409	305/5403
106/5412	206/5410	306/5405
107/5414	207/5412	307/5406

**NOTE: Same layout for two Levels of Nitrogen**

- (i) N50 (50% of Nitrogen i.e. 50kgN/ha)**
- (ii) N100 (100% of Nitrogen i.e. 100kgN/ha)**

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**Kharif 2026**

1	Trial No.	<b>55</b>
2	Name of the trial:	<b>Initial Variety Trial – Low Nitrogen Tolerance Trial (IVT-LNT)</b>
3	Objective:	To study the comparative performance of elite lines and cultivars for different levels of nitrogen
4	Locations:	11
5	Layout:	Randomized Block Design (RBD)
6	Replications:	3
7	Fertilizers:	<ul style="list-style-type: none"> <li>• <b>Phosphorus and Potash = Recommended Dose</b></li> <li>• <b>Nitrogen = Two levels</b></li> <li>• <b>N 50 (50% of Nitrogen) i.e. 50 Kg/ha</b></li> <li>• <b>N 100 (100% of Nitrogen) i.e.100 Kg/ha</b></li> </ul>
8	Plant protection:	Need based
9	Plot size:	<b>Minimum: 5 sq m</b>
10	Spacing:	<ul style="list-style-type: none"> <li>• Transplanting:</li> <li>✓ 20 cm between row</li> <li>✓ 15 cm between plants</li> </ul>
11	No. of entries:	<b>35</b>
12	Check varieties:	<b>Positive Check:</b> Varadhan, Rasi & Swarna; DRR Dhan 64 <b>Sensitive Check:</b> Improved Samba Mahsuri
13	General Instruction:	<ul style="list-style-type: none"> <li>• Genotypes should be evaluated at Two levels of nitrogen N50 (50kg N/ha) and N 100 (100 kg N /ha)</li> <li>• Sow the seed in bed as thin as possible</li> <li>• Transplant 25-day old seedlings, one seedling / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly as per the trial</li> <li>• 50% of nitrogen at transplanting as basal dose and remaining 50% in two top dressings</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Soil Nitrogen content should be estimated before transplanting, 45 DAT and at harvesting stage</li> <li>• Days to 50% flowering</li> <li>• Plant height (cm)</li> <li>• Total Tiller Number per plant</li> <li>• Productive tiller per plant (No.)</li> <li>• Panicle length (cm)</li> <li>• No. of filled grains per panicle</li> <li>• Spikelet fertility percentage</li> </ul>
		<ul style="list-style-type: none"> <li>• Grain yield per plot</li> <li>• Grain yield Kg per ha</li> <li>• % nitrogen in grain</li> <li>• Nitrogen Use Efficiency</li> <li>• Notes on pests, diseases and lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> <li>• Any other information</li> </ul>

**TrialNo.55: Layout plan of entries in IVT - Low Nitrogen tolerance trial, Kharif 2026**

<b>Replication 1 Plot No./Entry No.</b>	<b>Replication 2 Plot No./Entry No.</b>	<b>Replication 3 Plot No./Entry No.</b>
101/5501	201/5522	301/5517
102/5502	202/5521	302/5529
103/5503	203/5524	303/5535
104/5504	204/5505	304/5519
105/5505	205/5527	305/5521
106/5506	206/5512	306/5528
107/5507	207/5530	307/5509
108/5508	208/5513	308/5505
109/5509	209/5526	309/5510
110/5510	210/5506	310/5532
111/5511	211/5502	311/5527
112/5512	212/5517	312/5506
113/5513	213/5523	313/5522
114/5514	214/5531	314/5526
115/5515	215/5528	315/5507
116/5516	216/5520	316/5504
117/5517	217/5529	317/5514
118/5518	218/5510	318/5501
119/5519	219/5535	319/5511
120/5520	220/5504	320/5513
121/5521	221/5501	321/5524
122/5522	222/5503	322/5516
123/5523	223/5511	323/5533
124/5524	224/5532	324/5503
125/5525	225/5508	325/5508
126/5526	226/5534	326/5518
127/5527	227/5514	327/5534
128/5528	228/5533	328/5523
129/5529	229/5509	329/5525
130/5530	230/5507	330/5502
131/5531	231/5518	331/5531
132/5532	232/5516	332/5515
133/5533	233/5515	333/5520
134/5534	234/5525	334/5512
135/5535	235/5519	335/5530

**NOTE: Same layout for two levels of Nitrogen**

- (i) N<sub>50</sub> (50% of Nitrogen i.e. 50kgN/ha)
- (ii) N<sub>100</sub> (100% of Nitrogen i.e. 100kgN/ha)

**Zone II**

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH  
Rajendranagar, Hyderabad – 500 030, Telangana  
Kharif 2026**

1	<b>Trial No.</b>	<b>56</b>
2	Name of the trial:	<b>Advanced Varietal Trial - Coloured Rice (AVT 2&amp;1-CR)</b>
3	Objective:	To study the comparative performance of early coloured rice cultures in transplanted irrigated conditions
4	Locations:	<b>18 (4 Location for Z-II)</b>
5	Layout:	Rectangular Lattice Design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	10 sqm (This should be strictly followed)
10	Spacing:	20 cm between rows 15 cm between plants
11	No. of entries:	<b>14 (7 For zone II)</b>
12	Check varieties:	<b>Choharto (Red Rice Check), Jyothi (Matta Red Rice Check), Kauni (Black Rice Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• 100 gms of seed should be supplied to ICAR-IIRR for estimation of Zinc and Iron.</li> <li>• Photographs during crop growth may also be submitted.</li> <li>• Number of fertile &amp; sterile spikelets / Panicle</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• 1 = &gt;95% pure; 2 = 80-95% pure; 3 = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 4 t/ha, kindly offer an comments for the low yield,		

**Trial No.56: Layout Plan of entries in Initial Varietal Trial- Coloured Rice (AVT 2&1 - CR), Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5601	201/5610	301/5610
102/5602	202/5614 (LC)	302/5601
103/5603	203/5602	303/5614 (LC)
104/5606	204/5603	304/5602
105/5608	205/5606	305/5603
106/5610	206/5608	306/5606
107/5614 (LC)	207/5601	307/5608

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1	<b>Trial No.</b>	<b>56</b>
2	Name of the trial:	<b>Advanced Varietal Trial - Coloured Rice (AVT 2&amp;1-CR)</b>
3	Objective:	To study the comparative performance of early coloured rice cultures in transplanted irrigated conditions
4	Locations:	<b>18 ( 11 Location for Z-III)</b>
5	Layout:	Rectangular Lattice Design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	10 sqm (This should be strictly followed)
10	Spacing:	20 cm between rows 15 cm between plants
11	No. of entries:	<b>14 (8 entries for Z III)</b>
12	Check varieties:	<b>Choharto (Red Rice Check), Jyothi (Matta Red Rice Check), Kauni (Black Rice Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• 100 gms of seed should be supplied to ICAR-IIRR for estimation of Zinc and Iron.</li> <li>• Photographs during crop growth may also be submitted.</li> <li>• Number of fertile &amp; sterile spikelets / Panicle</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• 1 = &gt;95% pure; 2 = 80-95% pure; 3 = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 4 t/ha, kindly offer an comments for the low yield,		

**Trial No.56: Layout Plan of entries in Initial Varietal Trial- Coloured Rice (AVT 2&1 - CR),Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5601	201/5614 (LC)	301/5606
102/5603	202/5613	302/5610
103/5604	203/5601	303/5613
104/5605	204/5603	304/5614 (LC)
105/5606	205/5604	305/5603
106/5610	206/5605	306/5604
107/5613	207/5606	307/5605
108/5614 (LC)	208/5610	308/5601

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1	<b>Trial No.</b>	<b>56</b>
2	Name of the trial:	<b>Advanced Varietal Trial - Coloured Rice (AVT 2&amp;1-CR)</b>
3	Objective:	To study the comparative performance of early coloured rice cultures in transplanted irrigated conditions
4	Locations:	<b>18 ( 2 Location for Z-IV)</b>
5	Layout:	Rectangular Lattice Design
6	Replications:	<b>4 (Replication)</b>
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	10 sqm (This should be strictly followed)
10	Spacing:	20 cm between rows 15 cm between plants
11	No. of entries:	<b>14 (5 entries for Z IV)</b>
12	Check varieties:	<b>Choharto (Red Rice Check), Jyothi (Matta Red Rice Check), Kauni (Black Rice Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• 100 gms of seed should be supplied to ICAR-IIRR for estimation of Zinc and Iron.</li> <li>• Photographs during crop growth may also be submitted.</li> <li>• Number of fertile &amp; sterile spikelets / Panicle</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• 1 = &gt;95% pure; 2 = 80-95% pure; 3 = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 4 t/ha, kindly offer an comments for the low yield,		

**Trial No.56: Layout Plan of entries in Initial Varietal Trial- Coloured Rice (AVT 2&1 - CR),Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>	<b>Replication 4 Plot No./Entry No</b>
101/5603	201/5614 (LC)	301/5610	401/5606
102/5604	202/5603	302/5614	402/5610
103/5606	203/5604	303/5603	403/5604
104/5610	204/5606	304/5604	404/5614 (LC)
105/5614 (LC)	205/5610	305/5606	405/5603

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1	<b>Trial No.</b>	<b>56</b>
2	Name of the trial:	<b>Advanced Varietal Trial - Coloured Rice (AVT 2&amp; 1-CR)</b>
3	Objective:	To study the comparative performance of early coloured rice cultures in transplanted irrigated conditions
4	Locations:	<b>18 ( 1 Location for Z-V)</b>
5	Layout:	Rectangular Lattice Design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	10 sqm (This should be strictly followed)
10	Spacing:	20 cm between rows 15 cm between plants
11	No. of entries:	<b>14 (11 entries for Z-V)</b>
12	Check varieties:	<b>Choharto (Red Rice Check), Jyothi (Matta Red Rice Check), Kauni (Black Rice Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• 100 gms of seed should be supplied to ICAR-IIRR for estimation of Zinc and Iron.</li> <li>• Photographs during crop growth may also be submitted.</li> <li>• Number of fertile &amp; sterile spikelets / Panicle</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• 1 = &gt;95% pure; 2 = 80-95% pure; 3 = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 4 t/ha, kindly offer an comments for the low yield,		

**Trial No.56: Layout Plan of entries in Initial Varietal Trial- Coloured Rice (AVT 2&1 - CR),Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5603	201/5604	301/5610
102/5604	202/5613	302/5611
103/5605	203/5614	303/5612
104/5606	204/5603	304/5604
105/5607	205/5605	305/5613
106/5609	206/5606	306/5614
107/5610	207/5607	307/5603
108/5611	208/5609	308/5605
109/5612	209/5610	309/5606
110/5613	210/5611	310/5607
111/5614	211/5612	311/5609

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1	<b>Trial No.</b>	<b>57</b>
2	Name of the trial:	<b>Initial Varietal Trial - Coloured Rice (IVT – CR)</b>
3	Objective:	To study the comparative performance of early coloured rice cultures in transplanted irrigated conditions
4	Locations:	34
5	Layout:	Rectangular Lattice Design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection:	Need-based
9	Plot size:	10 sqm (This should be strictly followed)
10	Spacing:	20 cm between rows 15 cm between plants
11	No. of entries:	33
12	Check varieties:	<b>Choharto (Red Rice Check), Jyothi (Matta Red Rice Check), Kauni (Black Rice Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed in seedbed as thin as possible</li> <li>• Planting of 25 days old 2-3 seedling/hill</li> <li>• Transplant seedlings very shallow</li> <li>• 1-2 seedlings / hill.</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	Data to be collected:	<ul style="list-style-type: none"> <li>• Days to 50% flowering (DFF)</li> <li>• Plant height (cm)</li> <li>• Panicles per sq m (No.)</li> <li>• 100 gms of seed should be supplied to ICAR-IIRR for estimation of Zinc and Iron.</li> <li>• Photographs during crop growth may also be submitted.</li> <li>• Number of fertile &amp; sterile spikelets / Panicle</li> <li>• Spikelet Fertility % (SPF)</li> <li>• Purity score: (UNI)</li> <li>• 1 = &gt;95% pure; 2 = 80-95% pure; 3 = &lt; 80% pure</li> <li>• Number of completely sterile plants, if any</li> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Observations on incidence of diseases/pests</li> <li>• Grain type</li> <li>• Notes on lodging</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
When the mean yield of the experiment is below 4 t/ha, kindly offer an comments for the low yield,		

**Trial No.57: Layout Plan of entries in Initial Varietal Trial- Coloured Rice (AVT 1 & IVT – CR),Kharif 2026**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5701	201/5733(LC)	301/5730
102/5702	202/5701	302/5731
103/5703	203/5702	303/5732
104/5704	204/5703	304/5711
105/5705	205/5704	305/5701
106/5706	206/5705	306/5702
107/5707	207/5706	307/5703
108/5708	208/5707	308/5704
109/5709	209/5708	309/5705
110/5710	210/5709	310/5706
111/5711	211/5710	311/5707
112/5712	212/5711	312/5708
113/5713	213/5712	313/5709
114/5714	214/5713	314/5710
115/5715	215/5714	315/5733(LC)
116/5716	216/5715	316/5712
117/5717	217/5716	317/5713
118/5718	218/5717	318/5714
119/5719	219/5718	319/5715
120/5720	220/5719	320/5716
121/5721	221/5720	321/5717
122/5722	222/5721	322/5718
123/5723	223/5722	323/5719
124/5724	224/5723	324/5720
125/5725	225/5724	325/5721
126/5726	226/5725	326/5722
127/5727	227/5726	327/5723
128/5728	228/5727	328/5724
129/5729	229/5728	329/5725
130/5730	230/5729	330/5726
131/5731	231/5730	331/5727
132/5732	232/5731	332/5728
133/5733(LC)	234/5732	333/5729

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1	<b>Trial No.</b>	<b>58</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial– Aromatic Grain Type (AVT 2 &amp; 1- AGT) (Non-Basmati)</b>
3	<b>Objectives:</b>	To study the comparative performance of aromatic grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>21 (12 Locations for Zone III)</b>
5	<b>Layout:</b>	Rectangular Lattice Design
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>12 (9 Entries for Zone III)</b>
12	<b>Check Varieties:</b>	Shobini ( <b>National Check</b> ), Badshabhog Sel.1 (Northern & Central) CR Sugandh Dhan 907 (Eastern & North Eastern), GAR-14 (Western), Sugandh Samba (Southern) - <b>Zonal Check</b> , Dubraj Sel. 1 ( <b>Quality Check</b> ), Ketekijoha ( <b>Quality Check</b> ), RNR 15435 ( <b>Check</b> ) and <b>Local Check</b> .
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 58: Layout plan of entries in Advance Variety Trial - Aromatic Grain Type (AVT 2 & 1- AGT) (Non-Basmati), Kharif 2026 (Zone III)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5801	201/5812 (LC)	301/5810
102/5802	202/5811	302/5806
103/5804	203/5810	303/5808
104/5806	204/5809	304/5811
105/5808	205/5806	305/5812 (LC)
106/5809	206/5808	306/5801
107/5810	207/5801	307/5802
108/5811	208/5802	308/5804
109/5812 (LC)	209/5804	309/5809

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**Kharif 2026**

1	<b>Trial No.</b>	<b>58</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial– Aromatic Grain Type (AVT 2 &amp; 1 &amp; IVT - AGT) (Non-Basmati)</b>
3	<b>Objectives:</b>	To study the comparative performance of aromatic grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>21 (3 Locations for Zone IV)</b>
5	<b>Layout:</b>	Rectangular Lattice Design
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre

8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>12 (11 Entries for Zone IV)</b>
12	<b>Check Varieties:</b>	Shobini ( <b>National Check</b> ), Badshabhog Sel.1 (Northern & Central) CR Sugandh Dhan 907 (Eastern & North Eastern), GAR-14 (Western), Sugandh Samba (Southern) - <b>Zonal Check</b> , Dubraj Sel. 1 ( <b>Quality Check</b> ), Ketekijoha ( <b>Quality Check</b> ), RNR 15435 ( <b>Check</b> ) and <b>Local Check</b> .
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 58: Layout plan of entries in Advance Variety Trial - Aromatic Grain Type (AVT 2 & 1- AGT) (Non-Basmati), Kharif 2026 (Zone IV)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5801	201/5811	301/5809
102/5802	202/5810	302/5806
103/5804	203/ 5812 (LC)	303/5802
104/5805	204/5801	304/5804
105/5806	205/5802	305/5810
106/5807	206/5804	306/5812 (LC)
107/5808	207/5805	307/5811
108/5809	208/5806	308/5807
109/5810	209/5807	309/5808
110/5811	210/5808	310/5801
111/5812 (LC)	211/5809	311/5805

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1	<b>Trial No.</b>	<b>58</b>
2	<b>Name of the trial</b>	<b>Advance Variety Trial– Aromatic Grain Type (AVT 2 &amp; 1 - AGT) (Non-Basmati)</b>
3	<b>Objectives:</b>	To study the comparative performance of aromatic grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	<b>21 (6 Locations for Zone VII)</b>
5	<b>Layout:</b>	Rectangular Lattice Design
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre
8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	<b>12 (7 Entries for Zone VII)</b>
12	<b>Check Varieties:</b>	Shobini ( <b>National Check</b> ), Badshabhog Sel.1 (Northern & Central) CR Sugandh Dhan 907 (Eastern & North Eastern), GAR-14 (Western), Sugandh Samba (Southern) - <b>Zonal Check</b> , Dubraj Sel. 1 ( <b>Quality Check</b> ), Ketekijoha ( <b>Quality Check</b> ), RNR 15435 ( <b>Check</b> ) and <b>Local Check</b> .
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 58: Layout plan of entries in Advance Variety Trial - Aromatic Grain Type (AVT 2 & 1 – AGT) (Non-Basmati), Kharif 2026 (Zone VII)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/5802	201/5812 (LC)	301/5804
102/5803	202/5810	302/5808
103/5804	203/5808	303/5810
104/5806	204/5802	304/5812(LC)
105/5808	205/5804	305/5806
106/5810	206/5806	306/5803
107/ 5812 (LC)	207/5803	307/5802

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1	<b>Trial No.</b>	<b>59</b>
2	<b>Name of the trial</b>	<b>Initial Variety Trial – Aromatic Grain Type (IVT - AGT) (Non-Basmati)</b>
3	<b>Objectives:</b>	To study the comparative performance of aromatic grain cultivars and elite lines for yield and quality
4	<b>Total Locations</b>	33
5	<b>Layout:</b>	Rectangular Lattice Design
6	<b>Replications:</b>	3
7	<b>Fertilizers:</b>	As per the recommendation of the centre

8	<b>Plant protection</b>	Need based
9	<b>Plot size</b>	<b>10 sq m (This should be strictly followed)</b>
10	<b>Spacing</b>	20 x 15 cm
11	<b>Total No. of entries</b>	42
12	<b>Check Varieties:</b>	Shobini ( <b>National Check</b> ), Badshabhog Sel.1 (Northern & Central) CR Sugandh Dhan 907 (Eastern & North Eastern), GAR-14 (Western), Sugandh Samba (Southern) - <b>Zonal Check</b> , Dubraj Sel. 1 ( <b>Quality Check</b> ), Ketekijoha ( <b>Quality Check</b> ), RNR 15435 ( <b>Check</b> ) and <b>Local Check</b> .
13	<b>General Instructions</b>	<ul style="list-style-type: none"> <li>• Sow the seedbed as thin as possible</li> <li>• Transplant 25-day old seedlings</li> <li>• Transplant seedlings very shallow</li> <li>• Gap fill within a week of planting</li> <li>• Incorporate fertilizer evenly</li> </ul>
14	<b>Data to be Collected:</b>	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles per sq m (No.)</li> <li>• Days to 50% flowering (No.)</li> <li>• Plant height (cm)</li> <li>• Spikelets/Panicle (No.)</li> <li>• Sterility percentage</li> <li>• Test Weight (g)</li> <li>• Notes on pests, diseases and lodging</li> <li>• Grain quality characteristics to be provided wherever facilities exist.</li> <li>• Rainfall during the crop growth (Number of rainy days)</li> <li>• Maximum and minimum temperature.</li> </ul>
<ul style="list-style-type: none"> <li>• When the mean yield of the experiment is below 4 t/ha, kindly offer an explanation for the low yield.</li> </ul>		

**Trial No. 57: Layout plan of entries in Initial Variety Trial - Aromatic Grain Type (IVT – AGT) (Non-Basmati), Kharif 2026**

Replication 1 Plot No./Entry No	Replication 1 Plot No./Entry No	Replication 1 Plot No./Entry No
101 /5901	201 /5913	301 /5920
102 /5902	202 /5932	302 /5903
103 /5903	203 /5936	303 /5921
104 /5904	204 /5909	304 /5928
105 /5905	205 /5920	305 /5925
106 /5906	206 /5915	306 /5924
107 /5907	207 /5903	307 /5905
108 /5908	208 /5907	308 /5917
109 /5909	209 /5904	309 /5907
110 /5910	210 /5930	310 /5906
111 /5911	211 /5935	311 /5916
112 /5912	212 /5923	312 /5901
113 /5913	213 /5933	313 /5919
114 /5914	214 /5906	314 /5936
115 /5915	215 /5929	315 /5934
116 /5916	216 /5922	316 /5922
117 /5917	217 /5901	317 /5942
118 /5918	218 /5911	318 /5929
119 /5919	219 /5937	319 /5909
120 /5920	220 /5912	320 /5935
121 /5921	221 /5928	321 /5938
122 /5922	222 /5942	322 /5918
123 /5923	223 /5941	323 /5911
124 /5924	224 /5921	324 /5923
125 /5925	225 /5940	325 /5930
126 /5926	226 /5902	326 /5926
127 /5927	227 /5908	327 /5937
128 /5928	228 /5938	328 /5941
129 /5929	229 /5917	329 /5902
130 /5930	230 /5924	330 /5914
131 /5931	231 /5916	331 /5939
132 /5932	232 /5931	332 /5931
133 /5933	233 /5934	333 /5910
134 /5934	234 /5914	334 /5932
135 /5935	235 /5927	335 /5913
136 /5936	236 /5918	336 /5908
137 /5937	237 /5910	337 /5933
138 /5938	238 /5926	338 /5927
139 /5939	239 /5925	339 /5915
140 /5940	240 /5919	340 /5912
141 /5941	241 /5939	341 /5940
142 /5942	242 /5905	342 /5904

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1	Trial No.	<b>60</b>
2	Name of the trial	<b>Advance Variety Trial 2&amp;1 - DSR (AVT 2&amp; 1 - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	<b>39 (8 Locations for Zone II)</b>
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	<b>55 (15 Entries for Zone II)</b>
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhagidhan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 60: Layout plan of entries in Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)–  
Kharif 2026 (Zone – II)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/6001	201/6055	301/6044
102/6006	202/6050	302/6043
103/6009	203/6047	303/6041
104/6011	204/6044	304/6009
105/6016	205/6043	305/6055
106/6018	206/6041	306/6050
107/6026	207/6034	307/6047
108/6031	208/6031	308/6006
109/6034	209/6026	309/6001
110/6041	210/6018	310/6034
111/6043	211/6016	311/6031
112/6044	212/6011	312/6026
113/6047	213/6009	313/6018
114/6050	214/6006	314/6016
115/6055	215/6001	315/6011

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**Kharif 2026**

1	Trial No.	<b>60</b>
2	Name of the trial	<b>Advance Variety Trial 2&amp;1 - DSR (AVT 2&amp; 1 - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	<b>39 (8 Locations for Zone III)</b>
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	<b>55 (22 Entries for Zone III)</b>
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhagidhan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 60: Layout plan of entries in Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)–  
Kharif 2026 (Zone – III)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/6001	201/6055	301/6029
102/6002	202/6036	302/6031
103/6003	203/6043	303/6055
104/6005	204/6045	304/6036
105/6006	205/6001	305/6043
106/6007	206/6002	306/6045
107/6008	207/6003	307/6001
108/6009	208/6005	308/6002
109/6010	209/6006	309/6003
110/6011	210/6007	310/6005
111/6013	211/6008	311/6006
112/6015	212/6009	312/6007
113/6016	213/6010	313/6008
114/6017	214/6011	314/6009
115/6022	215/6013	315/6010
116/6026	216/6015	316/6011
117/6029	217/6016	317/6013
118/6031	218/6017	318/6015
119/6036	219/6022	319/6016
120/6043	220/6026	320/6017
121/6045	221/6029	321/6022
122/6055	222/6031	322/6026

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**Kharif 2026**

1	Trial No.	<b>60</b>
2	Name of the trial	<b>Advance Variety Trial 2&amp;1 - DSR (AVT 2&amp; 1 - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	<b>39 (2 Locations for Zone IV)</b>
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	<b>55 (39 Entries for Zone IV)</b>
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhagidhan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 60: Layout plan of entries in Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)-  
DSR –Kharif 2026 (Zone – IV)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/6003	201/6053	301/6039
102/6004	202/6055	302/6040
103/6005	203/6003	303/6053
104/6006	204/6004	304/6055
105/6008	205/6005	305/6003
106/6011	206/6006	306/6004
107/6012	207/6008	307/6005
108/6013	208/6011	308/6006
109/6014	209/6012	309/6008
110/6016	210/6013	310/6011
111/6017	211/6014	311/6012
112/6021	212/6016	312/6013
113/6022	213/6017	313/6014
114/6023	214/6021	314/6016
115/6026	215/6022	315/6017
116/6027	216/6023	316/6021
117/6028	217/6026	317/6022
118/6029	218/6027	318/6023
119/6030	219/6028	319/6026
120/6031	220/6029	320/6027
121/6032	221/6030	321/6028
122/6033	222/6031	322/6029
123/6034	223/6032	323/6030
124/6035	224/6033	324/6031
125/6038	225/6034	325/6032
126/6039	226/6035	326/6033
127/6040	227/6038	327/6034
128/6041	228/6039	328/6035
129/6042	229/6040	329/6038
130/6043	230/6041	330/6049
131/6044	231/6042	331/6050
132/6045	232/6043	332/6051
133/6046	233/6044	333/6041
134/6049	234/6045	334/6042
135/6050	235/6046	335/6043
136/6051	236/6049	336/6044
137/6052	237/6050	337/6045
138/6053	238/6051	338/6046
139/6055	239/6052	339/6051

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**Kharif 2026**

1	Trial No.	<b>60</b>
2	Name of the trial	<b>Advance Variety Trial 2&amp;1 - DSR (AVT 2&amp; 1 - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	39 ( <b>3 Locations for Zone V</b> )
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	<b>55 (29 Entries for Zone V)</b>
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhagidhan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 60: Layout plan of entries in Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)–  
Kharif 2026 (Zone – V)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/6001	201/6005	301/6046
102/6002	202/6048	302/6047
103/6005	203/6055	303/6005
104/6006	204/6001	304/6048
105/6007	205/6002	305/6055
106/6009	206/6006	306/6001
107/6010	207/6007	307/6002
108/6011	208/6009	308/6006
109/6012	209/6010	309/6007
110/6013	210/6011	310/6009
111/6014	211/6012	311/6010
112/6015	212/6013	312/6011
113/6016	213/6014	313/6012
114/6018	214/6015	314/6013
115/6020	215/6016	315/6014
116/6022	216/6018	316/6015
117/6025	217/6020	317/6016
118/6026	218/6022	318/6018
119/6029	219/6025	319/6020
120/6030	220/6026	320/6022
121/6031	221/6029	321/6025
122/6032	222/6030	322/6026
123/6036	223/6031	323/6029
124/6043	224/6032	324/6030
125/6045	225/6036	325/6031
126/6046	226/6043	326/6032
127/6047	227/6045	327/6036
128/6048	228/6046	328/6043
129/6055	229/6047	329/6045

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Kharif 2026**

1	Trial No.	<b>60</b>
2	Name of the trial	<b>Advance Variety Trial – Irrigated dry DSR (AVT 1 - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	<b>39 (7 Locations for Zone VI)</b>
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	<b>39 (28 Entries for Zone VI)</b>
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhagidhan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 60: Layout plan of entries in Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)–  
Kharif 2026 (Zone – VI)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/6001	201/6048	301/6051
102/6002	202/6049	302/6053
103/6003	203/6001	303/6048
104/6005	204/6002	304/6049
105/6006	205/6003	305/6001
106/6009	206/6005	306/6002
107/6011	207/6006	307/6003
108/6013	208/6009	308/6005
109/6015	209/6011	309/6006
110/6016	210/6013	310/6009
111/6017	211/6015	311/6011
112/6018	212/6016	312/6013
113/6019	213/6017	313/6015
114/6022	214/6018	314/6016
115/6023	215/6019	315/6017
116/6026	216/6022	316/6018
117/6029	217/6023	317/6019
118/6030	218/6026	318/6022
119/6031	219/6029	319/6023
120/6033	220/6030	320/6026
121/6036	221/6031	321/6029
122/6040	222/6033	322/6030
123/6043	223/6036	323/6031
124/6048	224/6055	324/6033
125/6049	225/6040	325/6036
126/6051	226/6043	326/6055
127/6053	227/6051	327/6040
128/6055	228/6053	328/6043

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH**  
**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Kharif 2026**

1	Trial No.	<b>60</b>
2	Name of the trial	<b>Advance Variety Trial 2&amp;1 - DSR (AVT 2&amp; 1 - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	<b>39 (11 Locations for Zone VII)</b>
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	55 (27 Entries for Zone VII)
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhadghan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 60: Layout plan of entries in Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)–  
Kharif 2026 (Zone – VII)**

<b>Replication 1 Plot No./Entry No</b>	<b>Replication 2 Plot No./Entry No</b>	<b>Replication 3 Plot No./Entry No</b>
101/6001	201/6054	301/6047
102/6002	202/6055	302/6053
103/6003	203/6001	303/6054
104/6006	204/6002	304/6055
105/6011	205/6003	305/6001
106/6013	206/6006	306/6002
107/6015	207/6011	307/6003
108/6016	208/6013	308/6006
109/6017	209/6015	309/6011
110/6018	210/6016	310/6013
111/6019	211/6017	311/6015
112/6023	212/6018	312/6016
113/6024	213/6019	313/6017
114/6025	214/6023	314/6018
115/6026	215/6024	315/6019
116/6030	216/6025	316/6023
117/6031	217/6026	317/6024
118/6036	218/6030	318/6025
119/6037	219/6031	319/6026
120/6039	220/6036	320/6030
121/6042	221/6037	321/6031
122/6043	222/6039	322/6036
123/6045	223/6042	323/6037
124/6047	224/6043	324/6039
125/6053	225/6045	325/6042
126/6054	226/6047	326/6043
127/6055	227/6053	327/6045

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**Rajendranagar, Hyderabad – 500 030, Telangana**  
**Kharif 2026**

1	Trial No.	61
2	Name of the trial	<b>Initial Variety Trial – Irrigated dry DSR (IVT - DSR)</b>
3	Objectives:	To study the comparative performance of mid-early duration elite cultures in irrigated areas
4	Total Locations	39
5	Layout:	Simple Lattice design
6	Replications:	3
7	Fertilizers:	As per the recommendation of the centre
8	Plant protection	Need based
9	Plot size	<b>10 sq.m (This should be strictly followed)</b>
10	Spacing	20 cm between rows, 15 cm between hills
11	Total No. of entries	64
12	Check varieties:	<b>Irrigated early dry DSR: DRRH 4 (Early Hybrid Check), Shabhagidhan; Irrigated medium dry DSR: DRR Dhan 55, DRR Dhan 70; Irrigated late dry DSR: DRR Dhan 50, CR Dhan 702 (Late Hybrid Check) and Local Check.</b>
13	General instructions	<ul style="list-style-type: none"> <li>• Sow the seed directly on field or Dibble 2 or 3 seeds / hill at shallow depth</li> <li>• Apply Pendamethalene herbicide @ 1 kg/ha a.i per hectare at near saturated condition within 2-3 days after sowing.</li> <li>• Apply bispyribac sodium @ 250 ml/ha at 2-3 leaf stage of weeds.</li> <li>• Maintain saturation condition and provide need based frequent irrigation.</li> <li>• Crop should not suffer due to drought.</li> <li>• There should not be more than one day standing water in field</li> </ul>
14	Fertilizer Application	<ul style="list-style-type: none"> <li>• Recommended dose of Nitrogen application in 3 splits (1/3 at 10-12 days after rice emergence, 1/3 at maximum tillering stage &amp; 1/3 at panicle initiation stage).</li> <li>• Recommended dose of P &amp; K can be applied basal.</li> <li>• Whenever Iron deficiency is seen foliar spray of 1.5% FeSO<sub>4</sub> solution 2-3 times at weekly interval</li> </ul>
15	Data to be collected:	<ul style="list-style-type: none"> <li>• Grain yield (kg/plot) based on net plot size to be reported</li> <li>• Panicles/sq m</li> <li>• Days to 50% flowering</li> <li>• Notes on pests, diseases and lodging</li> <li>• Plant height (cm)</li> <li>• Spikelet fertility</li> <li>• Rainfall data and quantity of irrigation water</li> <li>• Maximum and minimum temperature</li> <li>• Number of irrigations given in relation to crop growth.</li> </ul>
When the mean yield of the experiment is below 3 t/ha, kindly offer an explanation for the low yield.		

**Trial No. 61: Layout plan of entries in Initial Variety Trial – Irrigated dry DSR (IVT - DSR), Kharif 2026**

Replication 1							
101/6162	109/6106	117/6114	125/6122	133/6130	141/6138	149/6146	157/6154
102/6163	110/6107	118/6115	126/6123	134/6131	142/6139	150/6147	158/6155
103/6164(LC)	111/6108	119/6116	127/6124	135/6132	143/6140	151/6148	159/6156
104/6101	112/6109	120/6117	128/6125	136/6133	144/6141	152/6149	160/6157
105/6102	113/6110	121/6118	129/6126	137/6134	145/6142	153/6150	161/6158
106/6103	114/6111	122/6119	130/6127	138/6135	146/6143	154/6151	162/6159
107/6104	115/6112	123/6120	131/6128	139/6136	147/6144	155/6152	163/6160
108/6105	116/6113	124/6121	132/6129	140/6137	148/6145	156/6153	164/6161

Replication 2							
201/6157	209/6101	217/6109	225/6117	233/6125	241/6133	249/6141	257/6149
202/6158	210/6102	218/6110	226/6118	234/6126	242/6134	250/6142	258/6150
203/6159	211/6103	219/6111	227/6119	235/6127	243/6135	251/6143	259/6151
204/6160	212/6104	220/6112	228/6120	236/6128	244/6136	252/6144	260/6152
205/6161	213/6105	221/6113	229/6121	237/6129	245/6137	253/6145	261/6153
206/6162	214/6106	222/6114	230/6122	238/6130	246/6138	254/6146	262/6154
207/6163	215/6107	223/6115	231/6123	239/6131	247/6139	255/6147	263/6155
208/6164(LC)	216/6108	224/6116	232/6124	240/6132	248/6140	256/6148	264/6156

## Seed Despath Date of AICRP on Rice Trials Kharif-2026

S. No	Trial No	Table of Contents	Despatch Date
1		Star Sheet of Trial Indent	
2	21	Initial Variety Trial - Boro (IVT-Boro)	13-11-2025
3	22	Initial Variety Trial – Early–Transplanted (IVT- E-TP)	13-11-2025
4	23	Advance Variety Trial 2 &1 & Initial Variety Trial- Irrigated Early (Hills) –AVT 2&1 & IVT-E (H)	23-03-2026
5	24	Advance Variety Trial 2 & 1 -Medium (Hills) – AVT 2 & 1 - M (H)-Irrigated	26-03-2026
6	25	Initial Variety Trial-Medium (Hills) –IVT-M (H)	26-03-2026
7	26	Advance Variety Trial 1 & Initial Variety Trial-Upland (Hills) – AVT 1 & IVT-U (H)	26-03-2026
8	33	Advance Variety Trial – Early –Transplanted (AVT 2 & 1 – E TP)	29-05-2026
9	34	Initial Variety Trial – Early –Transplanted (IVT – E TP)	01-06-2026
10	35	Advance Variety Trial – Irrigated Mid Early (AVT 2 & 1 - IME)	18-05-2026
11	36	Initial Variety Trial – Irrigated Mid Early (IVT - IME)	20-05-2026
12	37	Advance Variety Trial – Irrigated Medium (AVT 2 & 1 - IM)	29-05-2026
13	38	Initial Variety Trial – Irrigated Medium (IVT - IM)	22-05-2026
14	39	Advance Variety Trial – Late (AVT 2 & 1 – L)	15-05-2026
15	40	Initial Variety Trial – Late (IVT – L)	22-05-2026
16	41	Advance Variety Trial – Aerobic (AVT 2 & 1 - Aerob)	03-06-2026
17	42	Initial Variety Trial – Aerobic (IVT - AEROB)	06-06-2026
18	43	Advance Variety Trial – Medium Slender Grain (AVT 2 & 1 - MS)	15-05-2026
19	44	Initial Variety Trial – Medium Slender Grain (IVT - MS)	03-06-2026
20	45	Advance Variety Trial – Rice Biofortification (AVT 1 – BIOFORT)	06-06-2026
21	46	Initial Variety Trial – Rice Biofortification (IVT - BIOFORT)	06-06-2026
22	47	Advance Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (AVT 2 & 1 – AL & ISTVT)	11-06-2026
23	48	Initial Variety Trial - Alkaline and Inland Saline Tolerant Variety Trial (IVT -AL & ISTVT)	11-06-2026
24	49	Advance Variety Trial - Coastal Saline Tolerant Variety Trial (AVT 1 - CSTVT)	11-06-2026
25	50	Initial Variety Trial - Coastal Saline Tolerant Variety Trial (IVT - CSTVT)	11-06-2026
26	51	Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1-NIL)	15-06-2026
27	51 A	Advance Variety Trial 2 & 1 – NIL (AVT 2 & 1-NIL) (Herbicide Tolerance trait trial)	15-06-2026
28	52	Advance Varietal Trial – Low Phosphorous Tolerance Trial (AVT 2 & 1 - LPT)	15-06-2026
29	53	Initial Varietal Trial – Low Phosphorous Tolerance Trial (IVT - LPT)	12-06-2026
30	54	Advance Varietal Trial – Low Nitrogen Tolerance Trial (AVT 2 & 1 - LNT)	15-05-2026
31	55	Initial Variety Trial – Low Nitrogen Tolerance Trial (IVT-LNT)	12-06-2026
32	56	Advanced Varietal Trial - Coloured Rice (AVT 2&1-CR)	12-06-2026
33	57	Initial Varietal Trial - Coloured Rice (IVT – CR)	12-06-2026
34	58	Advance Variety Trial– Aromatic Grain Type (AVT 2 & 1- AGT) (Non-Basmati)	09-06-2026
35	59	Initial Variety Trial – Aromatic Grain Type (IVT - AGT) (Non-Basmati)	09-06-2026
36	60	Advance Variety Trial 2&1 - DSR (AVT 2& 1 - DSR)	25-05-2026
37	61	Initial Variety Trial – Irrigated dry DSR (IVT - DSR)	25-05-2026

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