

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH
Hyderabad-500 030**

Initial Hybrid Rice Trial – Early (IHRT-E), *Kharif* 2018

Entries	:	22 (18 Hybrids + 4 Checks)
Layout/Design	:	R.B.D.
Replications	:	3 (Three)
Spacing	:	15 cm x 15 cm
Fertilizer	:	As for HYV in the area. Do apply FYM @ 10 t/ha. Apply entire P & K and ½ N as basal dose and the remaining Nitrogen in equal doses at maximum tillering and booting. Apply 5% N at flowering.
Plot size	:	10 sq. m. (plot size should not be reduced)
Plant protection	:	Need based
General instructions	:	<ol style="list-style-type: none"> 1. Raise a thin and healthy nursery. 2. Transplant 20-25 day old seedlings. 3. Transplant single seedling/hill. 4. Gap filling should be done within a week after planting. 5. Weeding should be done regularly.
Data to be recorded	:	<ol style="list-style-type: none"> 1. Days to 50% flowering (DFF) 2. Plant height (HT) 3. Panicles/sq. m. (PAN. No.) 4. No. of fertile and sterile spikelets per panicle (SP. No.) (Average of 10 main panicles per entry/rep) 5. Spikelet Fertility (SPF %) 6. Purity score: (UNI) <ol style="list-style-type: none"> 1 = >98% pure 2 = 98-96% pure 3 = <96% pure 7. No. of completely sterile plants, if any. 8. Grain yield (kg/plot) 9. Observations on incidence of diseases/pests (DIS&INS) 10. Grain type (LS, MS, LB, MB, SS, SB and Fine)

Note:

1. Trials should be conducted systematically and a good crop stand should be ensured.
2. Please provide information on date of sowing, date of planting and the names of local check varieties used as soon as the planting is done for releasing funds.
3. Please arrange to send the data positively on a floppy/CD before 31st December, 2018.
4. The order of the entries should not be changed in data sheets.

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**LAYOUT PLAN OF INITIAL HYBRID RICE TRIAL - EARLY
(IHRT-E), *Kharif* 2018**

Replication-1	Replication-2	Replication-3
101/3103	201/3104	301/3109
102/3107 (LCV)	202/3113	302/3104
103/3121	203/3101	303/3120
104/3101	204/3112	304/3102
105/3115	205/3116	305/3111
106/3114	206/3110	306/3101
107/3108	207/3109	307/3122
108/3117	208/3120	308/3112
109/3122	209/3107 (LCV)	309/3105
110/3119	210/3114	310/3115
111/3105	211/3118	311/3110
112/3116	212/3121	312/3114
113/3104	213/3105	313/3108
114/3120	214/3103	314/3116
115/3106	215/3119	315/3121
116/3110	216/3102	316/3117
117/3113	217/3122	317/3107 (LCV)
118/3109	218/3106	318/3103
119/3102	219/3108	319/3118
120/3112	220/3111	320/3106
121/3118	221/3117	321/3113
122/3111	222/3115	322/3119

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Initial Hybrid Rice Trial - Mid-early (IHRT-ME), *Kharif* 2018

Entries	:	34 (30 Hybrids + 4 Checks)
Layout/Design	:	R.B.D.
Replications	:	3 (Three)
Spacing	:	15 cm x 15 cm
Fertilizer	:	As for HYV in the area. Do apply FYM @ 10 t/ha. Apply entire P & K and ½ N as basal dose and the remaining Nitrogen in equal doses at maximum tillering and booting. Apply 5% N at flowering.
Plot size	:	10 sq. m. (plot size should not be reduced)
Plant protection	:	Need based
General instructions	:	<ol style="list-style-type: none"> 1. Raise a thin and healthy nursery. 2. Transplant 20-25 day old seedlings. 3. Transplant single seedling/hill. 4. Gap filling should be done within a week after planting. 5. Weeding should be done regularly.
Data to be recorded	:	<ol style="list-style-type: none"> 1. Days to 50% flowering (DFF) 2. Plant height (HT) 3. Panicles/sq. m. (PAN. No.) 4. No. of fertile and sterile spikelets per panicle (SP. No.) (Average of 10 main panicles per entry/rep) 5. Spikelet Fertility (SPF %) 6. Purity score: (UNI) <ol style="list-style-type: none"> 1 = >98% pure 2 = 98-96% pure 3 = <96% pure 7. No. of completely sterile plants, if any. 8. Grain yield (kg/plot) 9. Observations on incidence of diseases/pests (DIS&INS) 10. Grain type (LS, MS, LB, MB, SS, SB and Fine)

Note:

1. Trials should be conducted systematically and a good crop stand should be ensured.
2. Please provide information on date of sowing, date of planting and the names of local check varieties used as soon as the planting is done for releasing funds.
3. Please arrange to send the data positively on a floppy/CD before 31st December, 2018.
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**LAYOUT PLAN OF INITIAL HYBRID RICE TRIAL – MID EARLY
(IHRT-ME), *Kharif* 2018**

Replication-1	Replication-2	Replication-3
101/3208	201/3205	301/3214
102/3210	202/3209 (LCV)	302/3212
103/3220	203/3201	303/3211
104/3201	204/3226	304/3202
105/3228	205/3228	305/3223
106/3233	206/3207	306/3231
107/3224	207/3232	307/3216
108/3217	208/3206	308/3230
109/3221	209/3227	309/3204
110/3215	210/3219	310/3217
111/3226	211/3231	311/3234
112/3222	212/3202	312/3225
113/3205	213/3223	313/3218
114/3232	214/3233	314/3221
115/3202	215/3230	315/3209 (LCV)
116/3213	216/3204	316/3215
117/3227	217/3220	317/3222
118/3203	218/3224	318/3207
119/3225	219/3210	319/3228
120/3234	220/3218	320/3210
121/3231	221/3214	321/3229
122/3206	222/3216	322/3208
123/3211	223/3208	323/3213
124/3218	224/3229	324/3205
125/3230	225/3212	325/3201
126/3207	226/3234	326/3232
127/3219	227/3203	327/3233
128/3204	228/3213	328/3203
129/3212	229/3217	329/3206
130/3216	230/3225	330/3220
131/3209 (LCV)	231/3222	331/3226
132/3223	232/3211	332/3219
133/3214	233/3215	333/3224
134/3229	234/3221	334/3227

**ICAR-INDIAN INSTITUTE OF RICE RESEARCH
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Initial Hybrid Rice Trial - Medium (IHRT-M), *Kharif 2018*

Entries	:	22 (18 Hybrids + 4 Checks)
Layout/32Design	:	R.B.D.
Replications	:	3 (Three)
Spacing	:	15 cm x 15 cm
Fertilizer	:	As for HYV in the area. Do apply FYM @ 10 t/32ha. Apply entire P & K and ½ N as basal dose and the remaining Nitrogen in equal doses at maximum tillering and booting. Apply 5% N at flowering.
Plot size	:	10 sq. m. (plot size should not be reduced)
Plant protection	:	Need based
General instructions	:	<ol style="list-style-type: none"> 1. Raise a thin and healthy nursery. 2. Transplant 20-25 day old seedlings. 3. Transplant single seedling/32hill. 4. Gap filling should be done within a week after planting. 5. Weeding should be done regularly.
Data to be recorded	:	<ol style="list-style-type: none"> 1. Days to 50% flowering (DFP) 2. Plant height (HT) 3. Panicles/32sq. m. (PAN. No.) 4. No. of fertile and sterile spikelets per panicle (SP. No.) (Average of 10 main panicles per entry/32rep) 5. Spikelet Fertility (SPF %) 6. Purity score: (UNI) <ol style="list-style-type: none"> 1 = >98% pure 2 = 98-96% pure 3 = <96% pure 7. No. of completely sterile plants, if any. 8. Grain yield (kg/32plot) 9. Observations on incidence of diseases/32pests (DIS&INS) 10. Grain type (LS, MS, LB, MB, SS, SB and Fine)

Note:

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**LAYOUT PLAN OF INITIAL HYBRID RICE TRIAL - MEDIUM
(IHRT-M), *Kharif* 2018**

Replication-1	Replication-2	Replication-3
101/3312	201/3309	301/3313
102/3304	202/3311	302/3316
103/3319	203/3321	303/3320 (LCV)
104/3314	204/3314	304/3305
105/3308	205/3305	305/3322
106/3318	206/3315	306/3306
107/3313	207/3303	307/3310
108/3311	208/3322	308/3317
109/3321	209/3316	309/3311
110/3305	210/3312	310/3302
111/3301	211/3304	311/3307
112/3315	212/3320 (LCV)	312/3312
113/3307	213/3308	313/3315
114/3303	214/3302	314/3321
115/3322	215/3318	315/3301
116/3317	216/3306	316/3314
117/3310	217/3307	317/3304
118/3302	218/3310	318/3308
119/3306	219/3301	319/3303
120/3320 (LCV)	220/3319	320/3318
121/3316	221/3317	321/3309
122/3309	222/3313	322/3319

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Initial Hybrid Rice Trial - Medium Slender (IHRT-MS), *Kharif* 2018

Entries	:	16 (11 Hybrids + 5 Checks)
Layout/32Design	:	R.B.D.
Replications	:	3 (Three)
Spacing	:	15 cm x 15 cm
Fertilizer	:	As for HYV in the area. Do apply FYM @ 10 t/32ha. Apply entire P & K and ½ N as basal dose and the remaining Nitrogen in equal doses at maximum tillering and booting. Apply 5% N at flowering.
Plot size	:	10 sq. m. (plot size should not be reduced)
Plant protection	:	Need based
General instructions	:	<ol style="list-style-type: none"> 1. Raise a thin and healthy nursery. 2. Transplant 20-25 day old seedlings. 3. Transplant single seedling/32hill. 4. Gap filling should be done within a week after planting. 5. Weeding should be done regularly.
Data to be recorded	:	<ol style="list-style-type: none"> 1. Days to 50% flowering (DFP) 2. Plant height (HT) 3. Panicles/32sq. m. (PAN. No.) 4. No. of fertile and sterile spikelets per panicle (SP. No.) (Average of 10 main panicles per entry/32rep) 5. Spikelet Fertility (SPF %) 6. Purity score: (UNI) <ol style="list-style-type: none"> 1 = >98% pure 2 = 98-96% pure 3 = <96% pure 7. No. of completely sterile plants, if any. 8. Grain yield (kg/32plot) 9. Observations on incidence of diseases/32pests (DIS&INS) 10. Grain type (LS, MS, LB, MB, SS, SB and Fine)

Note:

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**LAYOUT PLAN OF INITIAL HYBRID RICE TRIAL – MEDIUM SLENDER
(IHRT-MS), *Kharif* 2018**

Replication-1	Replication-2	Replication-3
101/3403	201/3405	301/3406
102/3410	202/3416	302/3412
103/3405	203/3401	303/3411
104/3401	204/3415	304/3402
105/3413	205/3410	305/3407
106/3416	206/3407	306/3409
107/3408	207/3411	307/3403
108/3414	208/3414	308/3415
109/3412	209/3413	309/3404
110/3402	210/3408	310/3414
111/3407	211/3404	311/3405
112/3415	212/3402	312/3401
113/3409	213/3403	313/3408
114/3404	214/3406	314/3416
115/3406	215/3412	315/3410
116/3411	216/3409	316/3413