



भारतीय चावल अनुसंधान संस्थान  
राजेंद्रनगर, हैदराबाद-५०० ०३०  
**ICAR-Indian Institute of Rice Research**  
(formerly Directorate of Rice Research)  
(Indian Council of Agricultural Research)



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**Dr S.R.Voleti**

Director (Acting)

DO/PD/ CA 02/RTI /2020  
25<sup>th</sup> July, 2020.

Dear Sir,

**Sub: "RTI-Information on improving rice production in Indian Institute of Rice Research" - Regarding..**

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With reference to RTI Request (Registration No. DORRE/R/E/20/00002) dated 26<sup>th</sup> June, 2020 on the above subject, Please find the enclosed required information.

Yours sincerely

  
S.R.Voleti

## **RTI Reply – Registration No. DORRE/R/E/20/00002**

1. All the schemes and facilities available for farmers by government
  - A. All the schemes are available in the farmers portal  
<http://agricoop.gov.in/programmes-schemes-listing>
2. Best quality Rice for Better Yield
  - A. List of high yielding rice varieties and hybrids released in the last five years are presented in Annexure 1.
3. Procedure to get double rice production
  - A. Based on the local climatic conditions, the high yielding varieties with best package of practices recommended from the KVKs/Extension wings are to be followed.

The following are few technologies and practices to reduce the cost of cultivation and enhance the productivity:

- System of rice intensification, Direct seeded rice, Mechanised transplanting
  - Selection of promising and suitable cultivars
  - Thin nursery and raised bed nursery with 10-15 kg /ac seed rate
  - Use young seedlings
  - Keep proper spacing with one or two seedlings
  - Use lot of organic manures
  - Proper and timely weed management
  - Integrated pest management
  - Apply fertilisers as per the soil nutrient status
  - Apply nutrients such as Zinc wherever necessary
  - Value addition and storage proper price for the Produce
4. Pesticides used for various diseases during rice farming
    - A. List of fungicides are presented in the Annexure 2.

## Annexure 1

## Varieties released during 2015-20

Sl. No	CVR C / SVRC	Variety / Hybrid Name	Year of Notification	Eco-Sys	Yield (t/ha)
1	SVRC	CR Dhan 203	2015	Aerobic Condition	4.05
2	SVRC	CR Dhan 206	2015	Aerobic Condition	3.95
3	CVRC	DRR Dhan 41	2015	Aerobic Condition	3.23
4	CVRC	Indira Aerobic 1	2015	Aerobic Condition	4.30
5	SVRC	Nua Acharamati	2015	Aromatic	4.19
6	CVRC	Pusa 1592	2015	Aromatic	4.73
7	SVRC	Basmati 564	2015	Basmati	3.39
8	CVRC	Pant Basmati 1	2015	Basmati	4.85
9	CVRC	Pant Basmati 2	2015	Basmati	4.75
10	CVRC	Pusa Basmati 1609	2015	Basmati	4.60
11	SVRC	Vallabh Basmati 23	2015	Basmati	3.48
12	CVRC	Vallabh Basmati 24	2015	Basmati	4.79
13	CVRC	Binadhan 10	2015	Boro condition	-
14	CVRC	DRR Dhan 42	2015	Drought tolerant	4.10
15	CVRC	Sukhadhan 5	2015	Drought tolerant	-
16	CVRC	Sukhadhan 6	2015	Drought tolerant	-
17	SVRC	Shalimar Rice 3	2015	HRIR	
18	SVRC	Birsa Vikas Dhan 111 (PY-84)	2015	Irrigated early	2.50
19	CVRC	CO 51	2015	Irrigated early	6.62
20	SVRC	CR Dhan 101	2015	Irrigated early	3.98
21	CVRC	DRR Dhan 43	2015	Irrigated early	6.00
22	CVRC	DRR Dhan 44	2015	Irrigated early	4.90
23	SVRC	PR 124	2015	Irrigated early	7.54
24	SVRC	Pushpa (CNB 1259-5-2-1)	2015	Irrigated early	4.70
25	SVRC	RC Maniphou 12	2015	Irrigated early	4.00
26	SVRC	Rice TPS 5	2015	Irrigated early	6.31
27	SVRC	BNKR 1	2015	Irrigated late	5.80
28	SVRC	Tanmayee	2015	Irrigated late	5.24
29	SVRC	CR Dhan 307	2015	Irrigated medium	4.80
30	SVRC	Hiranmayee	2015	Irrigated medium	5.45
31	SVRC	PR 122	2015	Irrigated medium	7.78
32	SVRC	Sabour Sree	2015	Irrigated medium	6.00
33	SVRC	Shalimar Rice 2	2015	Irrigated medium	—
34	SVRC	Birsa Vikas Dhan 203	2015	Irrigated mid early	4.30
35	SVRC	Birsa Vikas Sugandha 1	2015	Irrigated mid early	4.30
36	SVRC	GNR 3	2015	Irrigated mid early	6.50
37	CVRC	Pant Dhan 24	2015	Irrigated mid early	5.45
38	SVRC	PR 121	2015	Irrigated mid early	7.54
39	SVRC	PR 123	2015	Irrigated mid early	7.17
40	SVRC	Kalachampa	2015	Rainfed Shallow Lowland	3.80
41	CVRC	Binadhan 8	2015	Salinity tolerant	-

42	CVRC	Binadhan 11	2015	Submergence tolerant	-
43	CVRC	Binadhan 12	2015	Submergence tolerant	-
44	SVRC	Samba Sub 1	2015	Submergence tolerant	3.00
45	CVRC	ADV 8301	2015	Hybrid	5.69
46	CVRC	HRI 174	2015	Hybrid	5.88
47	CVRC	HRI 178	2015	Hybrid	6.09
48	CVRC	KPH 460	2015	Hybrid	5.94
49	CVRC	KRH 4	2015	Hybrid	5.48
50	SVRC	SAVA 127	2015	Hybrid	5.69
51	SVRC	GAR 3	2016	Aerobic Condition	6.50
52	SVRC	PBNR 03-2	2016	Aerobic Condition	3.90
53	SVRC	Punjab Basmati 3	2016	Basmati	3.95
54	CVRC	Pusa Basmati 1637	2016	Basmati	4.20
55	CVRC	Pusa Basmati 1728	2016	Basmati	3.86
56	SVRC	Bauna Kalanamak 101	2016	Biofortified Rice	5.90
57	SVRC	Chhattisgarh Madhuraj Dhan 55	2016	Biofortified Rice	4.20
58	SVRC	Chhattisgarh Zinc Rice 1	2016	Biofortified Rice	3.78
59	CVRC	DRR Dhan 45	2016	Biofortified Rice	4.70
60	SVRC	GNR 4	2016	Biofortified Rice	4.80
61	CVRC	CR Dhan 310	2016	High Protein	4.48
62	SVRC	VL 7620	2016	HRUR	2.50
63	CVRC	Ajit	2016	Irrigated early	5.00
64	CVRC	Chandra	2016	Irrigated early	5.51
65	CVRC	DRR Dhan 46	2016	Irrigated early	5.14
66	SVRC	HKR 48	2016	Irrigated early	7.00
67	SVRC	JR 767	2016	Irrigated early	4.00
68	SVRC	Dubraj, Selection 1	2016	Irrigated late	3.72
69	SVRC	KPR 1	2016	Irrigated late	5.80
70	SVRC	Tarunbhog Selection 1	2016	Irrigated late	4.07
71	SVRC	Vishnubhog Selection 1	2016	Irrigated late	4.22
72	SVRC	Badshabhog, Selection 1	2016	Irrigated medium	2.93
73	SVRC	Pant Sugandh Dhan 25	2016	Irrigated medium	3.61
74	SVRC	SHIATS Dhan 4	2016	Irrigated medium	4.13
75	SVRC	Somnath	2016	Irrigated medium	6.30
76	SVRC	JGL 18047	2016	Irrigated mid early	7.41
77	SVRC	Kunaram Sannalu	2016	Irrigated mid early	7.50
78	SVRC	Pant Dhan 27	2016	Irrigated mid early	4.53
79	SVRC	SHIATS Dhan 5	2016	Irrigated mid early	4.93
80	SVRC	Sri Druthi	2016	Irrigated mid early	7.00
81	SVRC	Telangana Sona	2016	Irrigated mid early	6.66
82	CVRC	TKM 13	2016	Irrigated mid early	5.94
83	CVRC	TM 07278	2016	Irrigated mid early	5.48
84	SVRC	BNKR 3	2016	Rainfed Shallow Lowland	4.75
85	SVRC	Ratnagiri 5	2016	Rainfed Upland	4.00
86	SVRC	Chinsurah Nona 1	2016	Salinity tolerant	5.00
87	SVRC	CR 1009 Sub 1	2016	Submergence tolerant	5.76
88	SVRC	HRI 148	2016	Hybrid	5.97

89	SVRC	JRH 19	2016	Hybrid	6.20
90	CVRC	KPH 272	2016	Hybrid	4.62
91	CVRC	KPH 467	2016	Hybrid	6.69
92	CVRC	NK 16520	2016	Hybrid	6.01
93	SVRC	PAC 8744	2016	Hybrid	5.20
94	SVRC	Sahyadri 5	2016	Hybrid	3.62
95	SVRC	Sabour Ardhjal	2017	Aerobic Condition	5.00
96	SVRC	Malviya Sugandha Dhan	2017	Aromatic	3.35
97	SVRC	Kanaklata	2017	Boro condition	6.00
98	SVRC	Gangavati Ageti	2017	Irrigated early	6.80
99	SVRC	Pant Dhan 26	2017	Irrigated early	4.70
100	SVRC	BNKR 2	2017	Irrigated late	-
101	CVRC	CR Sugandh Dhan 908	2017	Irrigated late	4.66
102	SVRC	Gitesh	2017	Irrigated late	4.30
103	SVRC	Jalashree	2017	Irrigated late	6.00
104	SVRC	Jalkunwari	2017	Irrigated late	2.80
105	SVRC	Karjat 8	2017	Irrigated late	3.80
106	SVRC	Chhattisgarh Sugandhit Bhog	2017	Irrigated medium	4.27
107	CVRC	Pusa Basmati 1718	2017	Irrigated medium	5.75
108	SVRC	Sabour Deep	2017	Irrigated medium	3.80
109	SVRC	SHIATS Dhan 3	2017	Irrigated medium	4.53
110	SVRC	Bauna Kalanamak 102	2017	Irrigated mid early	5.90
111	SVRC	Karjat 9	2017	Irrigated mid early	4.75
112	SVRC	Pant Dhan 23	2017	Irrigated mid early	4.45
113	SVRC	Sabour Surbhit	2017	Irrigated mid early	4.30
114	SVRC	SHIATS Dhan 2	2017	Irrigated mid early	4.53
115	SVRC	Tarangini	2017	Irrigated mid early	5.30
116	SVRC	CARI Dhan 1	2017	Rainfed Shallow Lowland	4.25
117	SVRC	CARI Dhan 2	2017	Rainfed Shallow Lowland	5.25
118	SVRC	CARI Dhan 3	2017	Rainfed Shallow Lowland	4.75
119	CVRC	CR Dhan 508	2017	Rainfed Shallow Lowland	4.90
120	SVRC	Dehangi (IC-574471)	2017	Rainfed Upland	2.80
121	SVRC	Ingolongkiri (IC-559417)	2017	Rainfed Upland	4.00
122	SVRC	Purna	2017	Rainfed Upland	2.80
123	SVRC	Rajendra Nilam	2017	Rainfed Upland	3.50
124	SVRC	Rongkhang (IC-574472)	2017	Rainfed Upland	3.00
125	CVRC	VL Dhan 158	2017	Rainfed Upland	2.50
126	SVRC	CARI Dhan 4	2017	Salinity tolerant	3.30
127	SVRC	CARI Dhan 5	2017	Salinity tolerant	3.70
128	SVRC	Goa Dhan 1	2017	Salinity tolerant	2.80
129	SVRC	Goa Dhan 2	2017	Salinity tolerant	2.90
130	SVRC	Bheema / Dheera	2017	Semi deep water rice	6.00
131	CVRC	CR Dhan 506	2017	Semi deep water rice	4.40
132	SVRC	Rajdeep	2017	Semi deep water rice	4.80
133	CVRC	27P22	2017	Hybrid	6.27
134	CVRC	27P36	2017	Hybrid	6.28
135	CVRC	28P09	2017	Hybrid	5.83

136	CVRC	GK 5022	2017	Hybrid	4.23
137	SVRC	HRI 179	2017	Hybrid	4.90
138	CVRC	HRI 180	2017	Hybrid	6.11
139	CVRC	HRI 183	2017	Hybrid	5.89
140	SVRC	Indam 200-022	2017	Hybrid	7.40
141	CVRC	NPH 8899	2017	Hybrid	5.25
142	SVRC	PAN 2423	2017	Hybrid	5.50
143	SVRC	PAN 802	2017	Hybrid	7.80
144	SVRC	CR Dhan 207	2018	Aerobic Condition	4.00
145	SVRC	CR Dhan 209	2018	Aerobic Condition	3.50
146	SVRC	Daksha	2018	Aerobic Condition	4.30
147	CVRC	Swarna shreya	2018	Aerobic Condition	4.66
148	SVRC	Tripura Hakuchuk 1	2018	Aerobic Condition	5.04
149	CVRC	Gujarat Anand Rice 14 (GAR 14)	2018	Aromatic	5.10
150	SVRC	Improved Chinnor	2018	Aromatic	3.10
151	SVRC	Improved Jeera Shankar	2018	Aromatic	3.10
152	SVRC	Punjab Basmati 4	2018	Basmati	4.32
153	SVRC	Punjab Basmati 5	2018	Basmati	3.70
154	CVRC	DRR Dhan 48	2018	Biofortified Rice	5.30
155	CVRC	DRR Dhan 49	2018	Biofortified Rice	5.30
156	CVRC	BRRRI Dhan 69	2018	Boro condition	6.71
157	SVRC	Tripura Nirog	2018	Boro condition	6.12
158	SVRC	Tripura Sarat	2018	Boro condition	5.90
159	CVRC	DRR Dhan 50	2018	Drought and submergence tolerant	5.86 (Normal) 3.75 (Drought ) 2.53 (SUB)
160	SVRC	Tripura Khara 1	2018	Drought tolerant	5.22
161	SVRC	Tripura Khara 2	2018	Drought tolerant	5.22
162	SVRC	RC Maniphou 13	2018	HRIR	7.50
163	CVRC	CAU RI	2018	HRUR	2.39
164	CVRC	Him Palam Lal Dhan 1	2018	HRUR	3.30
165	CVRC	Bina Dhan 17 GSR	2018	Irrigated early	6.85
166	CVRC	BRRRI Dhan 75	2018	Irrigated early	5.65
167	CVRC	DRR Dhan 47	2018	Irrigated early	5.00
168	SVRC	JRB 1	2018	Irrigated early	5.69
169	SVRC	MDU 6	2018	Irrigated early	6.12
170	SVRC	Tripura Aush	2018	Irrigated early	5.71
171	SVRC	ADT 51	2018	Irrigated late	6.53
172	CVRC	ADT 52	2018	Irrigated late	4.90
173	SVRC	CR Dhan 409 (CR 409)	2018	Irrigated late	4.70
174	SVRC	CR Sugandh Dhan 910	2018	Irrigated late	4.38
175	CVRC	Kanak (CN 1272-55-105)	2018	Irrigated late	5.48
176	SVRC	KHP 13	2018	Irrigated late	5.30
177	CVRC	Surabhi	2018	Irrigated late	5.80
178	SVRC	CO 52	2018	Irrigated medium	6.19

179	CVRC	DRR Dhan 51	2018	Irrigated medium	4.80
180	SVRC	GNR 5	2018	Irrigated medium	5.79
181	SVRC	Gobinda	2018	Irrigated medium	4.00
182	SVRC	Gomati Dhan (TRC 2005-1)	2018	Irrigated medium	5.28
183	SVRC	KKP 5	2018	Irrigated medium	8.17
184	SVRC	Nandyala Sona	2018	Irrigated medium	6.80
185	SVRC	PDKV Kisan	2018	Irrigated medium	4.05
186	SVRC	Pradeep	2018	Irrigated medium	5.00
187	SVRC	JR 81	2018	Irrigated mid early	5.80
188	SVRC	Khowai (TRC 2005-3)	2018	Irrigated mid early	5.20
189	SVRC	Mahisagar	2018	Irrigated mid early	5.30
190	SVRC	PR 126	2018	Irrigated mid early	7.61
191	SVRC	Pratibha (OR 2172-7)	2018	Irrigated mid early	5.22
192	SVRC	Tripura Chikan Dhan	2018	Irrigated mid early	6.23
193	CVRC	YNP 9761	2018	Irrigated mid early	6.27
194	SVRC	Ashutosh	2018	Rainfed Shallow Lowland	3.96
195	SVRC	CR Dhan 408	2018	Rainfed Shallow Lowland	4.50
196	SVRC	CR Dhan 507	2018	Rainfed Shallow Lowland	4.70
197	SVRC	CR Dhan 800 (Swarna-MAS)	2018	Rainfed Shallow Lowland	5.75
198	CVRC	CR Dhan 909	2018	Rainfed Shallow Lowland	4.50
199	SVRC	Hasanta	2018	Rainfed Shallow Lowland	3.91
200	CVRC	Pusa Samba 1850	2018	Rainfed Shallow Lowland	4.77
201	SVRC	Tripura Hakuchuk 2	2018	Rainfed Upland	5.45
202	SVRC	CSR 46	2018	Salinity tolerant	3.53
203	CVRC	CSR 56	2018	Salinity tolerant	3.50
204	CVRC	CSR 60	2018	Salinity tolerant	3.60
205	SVRC	Tripura Jala 1	2018	Semi deep water rice	4.91
206	SVRC	Bahadur Sub 1	2018	Submergence tolerant	6.00
207	CVRC	CO 43 Sub1	2018	Submergence tolerant	3.25
208	SVRC	Ranjit Sub 1	2018	Submergence tolerant	5.70
209	CVRC	27P37	2018	Hybrid	6.50
210	CVRC	28P67	2018	Hybrid	6.71
211	CVRC	28S41	2018	Hybrid	6.10
212	CVRC	BIO 799	2018	Hybrid	6.79
213	SVRC	CNRH 102	2018	Hybrid	5.93
214	SVRC	GNRH 1	2018	Hybrid	5.07
215	CVRC	KPH 459	2018	Hybrid	6.90
216	CVRC	KPH 473	2018	Hybrid	7.20
217	CVRC	MRP 5408	2018	Hybrid	6.09
218	CVRC	VNR 212	2018	Hybrid	6.30
219	CVRC	VNR 216	2018	Hybrid	5.90
220	CVRC	VNR 218	2018	Hybrid	6.37
221	CVRC	CR Dhan 204	2019	Aerobic Condition	3.90
222	CVRC	CR Dhan 205	2019	Aerobic Condition	3.70
223	CVRC	Chhattisgarh Devbhog	2019	Aromatic	4.40
224	SVRC	HUR 1309 (Malviya Sugandh Dhan 1309)	2019	Aromatic	5.50

225	SVRC	Muktashree	2019	Aromatic	3.64
226	SVRC	Trombay Chhattisgarh Dubraj Mutant-1(TCDM 1)	2019	Aromatic	4.50
227	SVRC	VGD 1 (VG 09006)	2019	Aromatic	5.80
228	SVRC	Haryana Basmati 2	2019	Basmati	5.35
229	SVRC	Jammu Basmati 129	2019	Basmati	-
230	SVRC	Chhattisgarh Zinc Rice 2(CGZR 2)	2019	Biofortified Rice	4.50
231	SVRC	CR Dhan 311 (MUKUL)	2019	Biofortified Rice	5.25
232	SVRC	Kalanamak Kiran	2019	Biofortified Rice	-
233	SVRC	Ratnagiri 7	2019	Biofortified Rice	4.50
234	CVRC	Zinco Rice-MS	2019	Biofortified Rice	5.80
235	SVRC	Bidhan Suruchi	2019	Boro condition	-
236	SVRC	Uttar Sona (UBK VR-1)	2019	Boro condition	5.90
237	CVRC	CR Dhan 801	2019	Drought and submergence tolerant	6.34 Normal, 2.53 SUB, 2.92 DRT
238	CVRC	CR Dhan 802 (SUBHAS)	2019	Drought and submergence tolerant	4.14 Normal, 2.27 SUB, 2.34 DRT
239	SVRC	Shalimar Rice 4	2019	HRIR	7.50
240	SVRC	Shalimar Rice 5	2019	HRIR	4.50
241	SVRC	ADT 53	2019	Irrigated early	6.33
242	CVRC	DRR Dhan 52	2019	Irrigated early	5.90
243	SVRC	GNR 6 (NVSr 2031)	2019	Irrigated early	4.50
244	SVRC	GNV 10-89	2019	Irrigated early	8.15
245	SVRC	HUR 1304 (Malviya Dhan 1304)	2019	Irrigated early	3.50
246	SVRC	JGL 11118 (Anjana)	2019	Irrigated early	6.73
247	SVRC	Ratnagiri 6	2019	Irrigated early	4.50
248	SVRC	Bapatla Mahsuri (BPT 2295)	2019	Irrigated late	6.50
249	SVRC	PDKV Tilak	2019	Irrigated late	3.80
250	SVRC	GR 15 (NVSr 6121)	2019	Irrigated medium	5.50
251	SVRC	HKR 128	2019	Irrigated medium	8.70
252	SVRC	JGL 11727 (Pranahitha)	2019	Irrigated medium	6.74
253	SVRC	Krishna (RNR 2458)	2019	Irrigated medium	6.00
254	CVRC	Ratnagiri 8	2019	Irrigated medium	5.37
255	SVRC	Sakoli 9	2019	Irrigated medium	4.20
256	CVRC	Bhupesh	2019	Irrigated mid early	6.12
257	CVRC	CR Dhan 306	2019	Irrigated mid early	5.10
258	CVRC	CR Dhan 309	2019	Irrigated mid early	5.01
259	SVRC	JR 206	2019	Irrigated mid early	5.50
260	SVRC	Manisha	2019	Irrigated mid early	5.55
261	CVRC	Samvrudhi(MTU 1155)	2019	Irrigated mid early	5.70



262	CVRC	Varam (MTU 1190)	2019	Rainfed Shallow Lowland	6.30
263	SVRC	JGL 17004 (Prathyumma)	2019	Rainfed Upland	3.85
264	SVRC	Chinsurah Nona 2 (Gosaba 6)	2019	Salinity tolerant	4.74
265	SVRC	CSR 49	2019	Salinity tolerant	-
266	SVRC	CSR 52	2019	Salinity tolerant	-
267	SVRC	GNR 7 (NVSR 6128)	2019	Salinity tolerant	5.50
268	SVRC	Goa Dhan 3	2019	Salinity tolerant	3.50
269	SVRC	Goa Dhan 4	2019	Salinity tolerant	3.50
270	SVRC	Pandu Ranga (MCM 100)	2019	Salinity tolerant	5.50
271	CVRC	CR Dhan 510	2019	Semi deep water rice	4.20
272	CVRC	CR Dhan 511	2019	Semi deep water rice	4.08
273	CVRC	Ksheera (MTU 1172)	2019	Semi deep water rice	4.13
274	SVRC	CNRH 103	2019	Hybrid	5.27
275	SVRC	GRH 2	2019	Hybrid	6.00
276	SVRC	LG 93.01	2019	Hybrid	5.40
277	CVRC	S4001	2019	Hybrid	6.40
278	CVRC	S9002	2019	Hybrid	6.30
279	CVRC	Swarna Shakti Dhan	2020	Aerobic Condition	4.90
280	CVRC	Uttar Lakshmi	2020	Boro condition	5.70
281	SVRC	Him Palam Dhan 2	2020	HRIR	5.50
282	SVRC	Him Palam Dhan 1	2020	HRUR	3.20
283	SVRC	Tomthinphou	2020	HRUR	4.20
284	SVRC	Mangalphou	2020	Irrigated early	4.50
285	SVRC	Eenotphou	2020	Irrigated late	4.50
286	CVRC	CR Dhan 312	2020	Irrigated medium	6.30
287	SVRC	Pant Dhan 28	2020	Irrigated medium	4.10
288	SVRC	PR 127	2020	Irrigated medium	7.50
289	SVRC	Sabour Harshit Dhan	2020	Irrigated medium	5.50
290	CVRC	Telangana Vari 1	2020	Irrigated medium	6.00
291	SVRC	Pant Dhan 22	2020	Irrigated mid early	6.10
292	CVRC	Sandhya	2020	Irrigated mid early	5.40
293	CVRC	MP 3030	2020	Hybrid	6.50
294	CVRC	MRP 5222	2020	Hybrid	6.00
295	SVRC	MRP 5433	2020	Hybrid	5.50
296	SVRC	MRP 5626	2020	Hybrid	5.00
297	SVRC	RH 9000 Plus	2020	Hybrid	6.90
298	CVRC	SAVA 134	2020	Hybrid	6.80
299	CVRC	US 303	2020	Hybrid	5.30
300	CVRC	US 380	2020	Hybrid	5.60

Name of the Disease	Recommended Fungicides
Blast	<ul style="list-style-type: none"> <li>• Seed treatment with pyroquilon 50 WP</li> <li>• Spray of carpropamid 30 SC @ 1ml/lt or isoprothiolane 40 EC @ 1.5 ml/lt or Iprobenphos 48 EC @ 2ml/lt or propiconazole 25 EC @ 1ml/lt or kasugamycin-B 3 SL@2.5 ml/lt or azoxystrobin 25 SC @ 500 ml/ha or trifloxystrobin 25g + tebuconazole 50g @ 0.04% or feroxalin +</li> </ul>

	isoprothiolane 35 SC @ 1.5ml/L
Neck blast	<ul style="list-style-type: none"> <li>• Spray of carpropamid 30 SC @ 1 ml/litre or isoprothiolane 40 EC @ 1.5 ml/litre or iprobenphos 48 EC @ 2 ml/litre or propiconazole 25 EC @ 1 ml/litre</li> </ul>
Sheath blight	<ul style="list-style-type: none"> <li>• Spray of azoxystrobin @ 500ml/ha or validamycin 3 L @ 2.5 ml/lt or thifluzamide 24 SC @ 0.75 g/lt or hexaconazole 5 EC @ 2 ml/lt or propiconazole 25 EC @ 1ml/lt or trifloxystrobin 25g + tebuconazole 50g @ 0.04% or tricyclazole 34.2% + propiconazole 10.7% @ @ 1.5 ml/lit</li> </ul>
Brown spot	<ul style="list-style-type: none"> <li>• Spray of propiconazole @ 25 EC @ 1 ml/lt or chlorothalonil 75 WP @ 2g/l</li> </ul>
Sheath rot	<ul style="list-style-type: none"> <li>• Spray of propiconazole @ 25 EC @ 1 ml/lt</li> </ul>
Stem rot	<ul style="list-style-type: none"> <li>• Spray of iprobenphos 48 EC @ 2 g/lt or thiophanate methyl 70 WP 1 g/lt or isoprothiolane 40 EC @ 1.5 ml/lt; validamycin or hexaconazole (2ml/lt) or propiconazole (1ml/lit) or iprobenphos 48 EC @ 2g/l</li> </ul>
False smut	<ul style="list-style-type: none"> <li>• Spray of propiconazole 25 EC @ 1 ml/lt or chlorothalonil 75 WP @ 2 ml/lt or propiconazole (0.1%) or trifloxystrobin 25g + tebuconazole 50g @ 0.04% at booting stage</li> </ul>
Grain discolouration	<ul style="list-style-type: none"> <li>• Spray of propiconazole 25 EC @ 1 ml/lt or hexaconazole 5 EC @ 2 ml/lt or thiophanate methyl 70 WP @ 1 g/lt</li> </ul>
Foot rot or Bakanae	<ul style="list-style-type: none"> <li>• Seed dressing with captafol 80 % @ 4 g/kg; spray of propiconazole 25% EC</li> </ul>
Bacterial blight	<ul style="list-style-type: none"> <li>• Apply judicious level of fertilization (60-80 kg N/ha with required level of potassium) without sacrificing the yield.</li> <li>• Spraying twice with 250 ppm of Agrimycin-100</li> </ul>
Rice Tungro Disease	<ul style="list-style-type: none"> <li>• carbofuran 3g (10kg/ Acre or fipronil 0.36G (10kg/ acre) or phosphamidon @ 1.5ml/liter or imidacloprid @ 0.5ml/liter</li> </ul>

\* List of fungicides was given as per the list of recently banned pesticides as per the 14<sup>th</sup> May 2020.

\*Spray the respective chemicals when the disease appeared and if necessary apply the second dose at 10 days interval.

\* Diseases viz., leaf blast, brown spot, sheath rot and Bakanae are seed borne diseases and based on the occurrence of the disease in the particular location, adoption of seed treatment will protect the crop in the early stage.