

1907-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2019-20

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ																	
			Delhi			J&K			Punjab						Haryana					
			Delhi			Jammu			Ludhiana		Balachaur		Gurdaspur		Hisar					
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	WH1280	N-701	44.1	23	0	42.3	23	0	40.3	23	0	45.5	16	0	29.8	25	0	52.1	10	0
2	HD3368	N-702	66.5	3	1	56.3	7	0	49.8	18	0	61.6	3	1	55.0	3	1	44.4	19	0
3	HD3369	N-703	54.8	11	0	55.9	9	0	64.4	3	1	51.3	12	0	35.1	24	0	55.6	7	0
4	DBW321	N-704	64.0	6	1	54.6	10	0	59.9	9	1	55.9	8	0	35.4	22	0	51.4	11	0
5	BRW3863	N-705	49.4	17	0	42.7	21	0	49.7	19	0	38.6	21	0	41.8	14	0	52.8	9	0
6	WH1281	N-706	51.4	15	0	42.6	22	0	59.4	10	1	55.1	9	0	44.9	12	0	49.3	14	0
7	DBW324	N-707	56.0	8	0	33.3	25	0	38.9	24	0	37.6	22	0	35.8	20	0	48.6	15	0
8	UP3063	N-709	47.9	19	0	42.7	20	0	53.1	15	0	40.1	20	0	36.1	17	0	43.1	22	0
9	JAUW683	N-710	51.4	14	0	51.0	14	0	42.0	21	0	53.6	10	0	48.6	9	0	46.5	17	0
10	K1910	N-711	68.6	1	1	43.1	18	0	59.0	11	1	65.4	1	1	45.6	10	0	47.9	16	0
11	HI1654	N-713	46.9	21	0	42.9	19	0	58.7	12	1	58.6	6	1	52.1	5	1	63.2	1	1
12	NW7096	N-715	47.9	19	0	53.0	12	0	55.1	14	0	53.2	11	0	39.9	15	0	53.5	8	0
13	DBW323	N-716	51.4	15	0	59.0	4	0	52.3	16	0	43.4	17	0	35.8	20	0	43.8	20	0
14	HI1653	N-717	46.4	22	0	56.8	6	0	51.7	17	0	58.9	5	1	53.9	4	1	58.3	3	1
15	PBW848	N-718	52.4	13	0	54.5	11	0	60.6	7	1	62.8	2	1	42.9	13	0	39.6	24	0
16	PBW839	N-719	55.5	9	0	65.9	1	1	63.0	5	1	49.8	13	0	35.4	22	0	57.6	5	1
17	HUW843	N-720	30.0	25	0	59.5	3	1	38.1	25	0	37.0	23	0	49.5	8	0	36.8	25	0
18	PBW838	N-721	54.8	11	0	57.5	5	0	67.5	1	1	36.8	25	0	59.2	2	1	45.8	18	0
19	DBW322	N-722	64.4	5	1	49.5	16	0	63.8	4	1	36.9	24	0	39.6	16	0	60.4	2	1
20	BCW5	N-724	48.8	18	0	33.5	24	0	61.4	6	1	41.4	19	0	50.1	6	0	50.0	13	0
21	UP3062	N-725	65.5	4	1	56.2	8	0	58.0	13	1	59.4	4	1	36.0	18	0	43.8	20	0
22	HD3171 (C)	N-708	38.5	24	0	52.0	13	0	42.0	21	0	47.5	14	0	60.1	1	1	41.7	23	0
23	PBW644 (C)	N-712	67.1	2	1	44.4	17	0	49.6	20	0	45.8	15	0	49.7	7	0	51.4	12	0
24	K1317 (C)	N-714	57.5	7	0	60.6	2	1	64.7	2	1	58.5	7	1	45.2	11	0	58.3	3	1
25	WH1142 (C)	N-723	54.9	10	0	49.6	15	0	60.0	8	1	41.7	18	0	35.9	19	0	56.9	6	1
G.M.			53.4			50.4			54.5			49.5			43.7			50.1		
S.E.(M)			3.006			2.719			5.081			3.067			3.069			2.796		
C.D. (10%)			7.3			6.7			12.3			7.4			7.4			6.8		
C.V.			8.0			7.6			13.2			8.8			9.9			7.9		
D.O.S.(dd.mm.yy)			02.11.19			26.10.19			26.10.19			05.11.19			31.10.19			03.11.19		

No. of Trials : Proposed = 18 Conducted = 18
Trials not reported (02) = Ayodhya (RMT), IARI-Pusa(RMT)

1907-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2019-20

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ						NEPZ											
			Haryana			Uttarakhand			U.P.			U.P.			Bihar					
			IIWBR-Karnal			Pantnagar			Modipuram			Kanpur			RPCAU-Pusa					
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	WH1280	N-701	48.3	21	0	43.5	20	0	40.8	17	0	49.7	8	0	44.6	20	0	31.9	24	0
2	HD3368	N-702	72.7	2	1	53.3	4	1	59.8	3	0	44.8	16	0	58.2	5	0	43.1	14	0
3	HD3369	N-703	71.4	3	1	50.7	6	0	52.8	9	0	51.6	5	0	45.5	18	0	36.1	21	0
4	DBW321	N-704	68.0	7	0	53.2	5	1	36.7	21	0	59.0	2	1	50.1	13	0	58.3	1	1
5	BRW3863	N-705	47.2	22	0	44.8	17	0	39.1	18	0	49.1	10	0	51.1	11	0	38.9	17	0
6	WH1281	N-706	52.6	18	0	47.6	10	0	48.6	12	0	44.1	19	0	60.1	4	0	50.7	5	0
7	DBW324	N-707	47.0	23	0	49.8	8	0	51.3	11	0	43.2	22	0	37.9	24	0	41.0	15	0
8	UP3063	N-709	59.5	12	0	43.0	23	0	38.8	19	0	44.6	17	0	53.2	9	0	50.7	5	0
9	JAUW683	N-710	55.6	17	0	43.5	21	0	31.4	24	0	45.3	14	0	44.6	19	0	26.4	25	0
10	K1910	N-711	68.8	5	0	46.4	15	0	44.9	13	0	54.7	3	1	51.4	10	0	37.5	18	0
11	HI1654	N-713	78.2	1	1	54.3	2	1	54.9	6	0	46.5	13	0	57.2	7	0	43.8	13	0
12	NW7096	N-715	68.3	6	0	47.7	9	0	51.5	10	0	43.4	21	0	50.5	12	0	49.3	7	0
13	DBW323	N-716	56.3	16	0	46.6	14	0	64.8	1	1	43.9	20	0	56.2	8	0	56.9	2	1
14	HI1653	N-717	69.3	4	0	41.9	24	0	54.8	7	0	43.1	23	0	64.5	2	1	44.4	12	0
15	PBW848	N-718	64.7	9	0	54.0	3	1	57.9	4	0	52.3	4	0	41.9	22	0	44.4	11	0
16	PBW839	N-719	65.4	8	0	50.7	7	0	63.1	2	1	48.6	11	0	57.8	6	0	36.1	21	0
17	HUW843	N-720	43.3	25	0	39.7	25	0	32.1	23	0	37.2	25	0	61.2	3	0	36.3	20	0
18	PBW838	N-721	61.7	11	0	44.4	18	0	54.1	8	0	50.2	7	0	65.0	1	1	33.3	23	0
19	DBW322	N-722	58.6	13	0	45.0	16	0	38.1	20	0	59.4	1	1	31.7	25	0	52.1	4	0
20	BCW5	N-724	51.8	19	0	56.0	1	1	56.8	5	0	44.6	17	0	43.7	21	0	47.2	9	0
21	UP3062	N-725	58.0	15	0	47.3	12	0	44.3	14	0	49.3	9	0	46.1	17	0	47.9	8	0
22	HD3171 (C)	N-708	50.0	20	0	43.8	19	0	29.6	25	0	50.5	6	0	40.3	23	0	40.3	16	0
23	PBW644 (C)	N-712	58.4	14	0	43.4	22	0	36.7	22	0	47.0	12	0	47.1	16	0	54.9	3	0
24	K1317 (C)	N-714	64.7	10	0	47.2	13	0	43.2	15	0	45.0	15	0	49.9	14	0	45.1	10	0
25	WH1142 (C)	N-723	44.7	24	0	47.4	11	0	41.7	16	0	43.1	23	0	48.3	15	0	37.5	18	0
G.M.			59.4			47.4			46.7			47.6			50.3			43.4		
S.E.(M)			2.112			1.450			1.759			2.464			0.835			1.312		
C.D. (10%)			5.1			3.5			4.3			6.0			2.1			3.2		
C.V.			5.0			4.3			5.3			7.3			2.3			4.3		
D.O.S.(dd.mm.yy)			25.10.19			04.11.19			25.10.19			09.11.19			06.11.19			08.11.19		

1907-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2019-20

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ											
			Bihar			Jharkhand			W.B.					
			Sabour			Ranchi			Kalyani		Coochbehar			
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	WH1280	N-701	18.6	25	0	61.4	14	0	35.0	7	0	21.9	21	0
2	HD3368	N-702	44.9	8	0	60.2	18	0	34.3	10	0	31.6	11	0
3	HD3369	N-703	51.6	2	1	62.3	13	0	38.0	2	1	28.7	16	0
4	DBW321	N-704	49.2	3	1	65.9	8	1	37.0	4	1	39.1	2	1
5	BRW3863	N-705	35.4	14	0	49.8	23	0	28.6	23	0	37.5	6	0
6	WH1281	N-706	35.0	16	0	65.2	10	1	37.9	3	1	30.8	12	0
7	DBW324	N-707	21.8	23	0	60.7	16	0	28.8	22	0	34.6	8	0
8	UP3063	N-709	46.1	6	0	65.0	11	0	34.5	9	0	5.8	25	0
9	JAUW683	N-710	29.8	21	0	39.9	25	0	28.4	24	0	8.0	24	0
10	K1910	N-711	25.4	22	0	59.4	21	0	29.0	19	0	37.7	5	0
11	HI1654	N-713	46.6	5	1	59.8	20	0	29.0	18	0	30.0	14	0
12	NW7096	N-715	35.2	15	0	60.8	15	0	29.2	17	0	21.6	22	0
13	DBW323	N-716	30.0	20	0	54.3	22	0	36.1	5	1	24.5	19	0
14	HI1653	N-717	36.5	12	0	68.0	5	1	35.1	6	1	38.0	4	0
15	PBW848	N-718	37.4	11	0	65.6	9	1	34.0	12	0	40.5	1	1
16	PBW839	N-719	37.6	10	0	69.7	3	1	32.7	14	0	31.8	10	0
17	HUW843	N-720	21.6	24	0	41.1	24	0	28.3	25	0	22.4	20	0
18	PBW838	N-721	32.0	19	0	71.9	1	1	28.9	20	0	29.8	15	0
19	DBW322	N-722	54.1	1	1	60.0	19	0	33.7	13	0	30.5	13	0
20	BCW5	N-724	33.5	17	0	64.6	12	0	32.2	15	0	26.7	18	0
21	UP3062	N-725	45.4	7	0	60.3	17	0	39.6	1	1	33.3	9	0
22	HD3171 (C)	N-708	43.0	9	0	70.7	2	1	34.1	11	0	16.2	23	0
23	PBW644 (C)	N-712	48.0	4	1	66.7	7	1	34.8	8	0	28.4	17	0
24	K1317 (C)	N-714	32.7	18	0	67.2	6	1	28.9	21	0	36.6	7	0
25	WH1142 (C)	N-723	35.5	13	0	68.8	4	1	29.4	16	0	38.7	3	1
G.M.			37.1			61.6			32.7		29.0			
S.E.(M)			3.059			2.727			1.828		0.963			
C.D. (10%)			7.6			6.6			4.5		2.4			
C.V.			11.7			6.3			7.9		4.7			
D.O.S.(dd.mm.yy)			09.11.19			07.11.19			09.11.19		01.11.19			

1907-NIVT-5A-RI-TS-TAS-NAT-ZONE, 2019-20

ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	NWPZ			NEPZ			NATIONAL		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	WH1280	N-701	43.0	24	0	37.6	23	0	40.6	23	0
2	HD3368	N-702	57.7	1	1	45.3	7	0	52.3	2	1
3	HD3369	N-703	54.6	6	0	44.8	10	0	50.3	6	0
4	DBW321	N-704	53.2	10	0	51.2	1	1	52.4	1	1
5	BRW3863	N-705	45.1	20	0	41.5	20	0	43.5	21	0
6	WH1281	N-706	50.2	15	0	46.3	4	0	48.5	13	0
7	DBW324	N-707	44.3	23	0	38.3	22	0	41.6	22	0
8	UP3063	N-709	44.9	22	0	42.8	16	0	44.0	19	0
9	JAUW683	N-710	47.1	19	0	31.8	25	0	40.4	24	0
10	K1910	N-711	54.4	7	0	42.2	17	0	49.1	11	0
11	HI1654	N-713	56.7	2	1	44.7	11	0	51.4	3	1
12	NW7096	N-715	52.2	11	0	41.4	21	0	47.5	15	0
13	DBW323	N-716	50.4	14	0	43.1	14	0	47.2	16	0
14	HI1653	N-717	54.7	5	0	47.1	2	0	51.4	4	1
15	PBW848	N-718	54.4	8	0	45.2	8	0	50.3	7	0
16	PBW839	N-719	56.3	3	1	44.9	9	0	51.3	5	1
17	HUW843	N-720	40.7	25	0	35.4	24	0	38.4	25	0
18	PBW838	N-721	53.5	9	0	44.4	12	0	49.6	9	0
19	DBW322	N-722	50.7	13	0	45.9	6	0	48.6	12	0
20	BCW5	N-724	50.0	16	0	41.8	19	0	46.4	17	0
21	UP3062	N-725	52.1	12	0	46.0	5	0	49.4	10	0
22	HD3171 (C)	N-708	45.0	21	0	42.2	18	0	43.8	20	0
23	PBW644 (C)	N-712	49.6	17	0	46.7	3	0	48.3	14	0
24	K1317 (C)	N-714	55.6	4	1	43.6	13	0	50.3	8	0
25	WH1142 (C)	N-723	48.1	18	0	43.0	15	0	45.9	18	0
G.M.			50.6			43.1			47.3		
S.E.(M)			0.985			0.777			0.650		
C.D. (10%)			2.3			1.8			1.5		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-5A-RI-TS-TAS, 2019-20

SN	Variety	Code	Disease				Agronomic Characteristics								Grain Characteristics			
			YI	ACI	Br	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	WH1280	N-701	40S	18.4	20S	8.8	95-117	104	137-170	155	87-119	102	20	Ey	A	H	37-44	40
2	HD3368	N-702	20S	5.7	20S	6.3	85-108	97	135-168	154	80-115	101	10	Ey	A	H	38-49	44
3	HD3369	N-703	20MS	5.2	10S	3.8	93-110	101	139-168	156	88-117	103	10	Ey	A	SH	31-49	43
4	DBW321	N-704	20MS	5.3	20S	11.3	98-115	107	142-171	157	102-120	110	10	Ey	A	H	36-48	42
5	BRW3863	N-705	20MS	5.7	20S	8.8	95-112	105	135-171	157	97-117	110	30	Ey	A	H	39-45	41
6	WH1281	N-706	10S	4.7	30S	7.5	102-121	111	141-172	160	100-115	110	20	Ey	A	H	33-46	41
7	DBW324	N-707	60S	22.5	20S	5.0	99-115	108	137-172	158	99-122	113	15	Ey	A	H	34-46	40
8	UP3063	N-709	20S	4.8	10S	5.0	88-114	103	138-170	157	90-128	114	20	Ey	A	H	39-51	43
9	JAUW683	N-710	20S	7.5	20S	9.0	78-112	93	129-170	153	87-122	105	10	Ey	A	H	39-48	42
10	K1910	N-711	10S	4.0	5S	1.5	99-122	108	138-172	158	103-121	111	10	Ey	A	H	38-53	46
11	HI1654	N-713	10S	4.0	tS	0.3	98-116	107	139-172	157	92-115	108	15	Ey	A	H	35-47	44
12	NW7096	N-715	20S	9.3	20S	7.5	93-110	102	136-172	156	95-118	107	20	Ey	A	H	42-47	44
13	DBW323	N-716	40S	13.3	20S	7.5	99-116	106	139-171	157	85-117	106	20	Ey	A	H	32-48	43
14	HI1653	N-717	20S	5.7	5S	1.3	80-112	97	133-170	154	100-120	107	20	Ey	A	H	42-58	50
15	PBW848	N-718	10S	4.0	20S	5.0	94-115	104	136-170	156	85-113	103	10	Ey	A	H	30-46	40
16	PBW839	N-719	20MS	5.7	20S	11.0	96-122	109	137-172	157	90-110	103	5	Ey	A	H	37-47	44
17	HUW843	N-720	10MS	2.2	40S	12.7	75-108	91	129-168	152	89-113	99	10	Ey	A	SH	34-42	39
18	PBW838	N-721	20MS	6.0	20S	10.0	97-121	107	139-172	157	85-114	105	15	Ey	A	SH	35-57	42
19	DBW322	N-722	40S	13.3	20S	15.0	86-108	98	135-172	156	90-110	100	10	Ey	A	H	36-45	41
20	BCW5	N-724	60S	19.2	tS	0.3	95-122	106	138-172	156	90-116	107	15	Ey	A	H	33-46	42
21	UP3062	N-725	20S	6.3	20S	10.0	98-122	108	138-172	157	100-120	107	20	Ey	A	H	36-48	40
22	HD3171 (C)	N-708	10S	4.0	40S	22.5	79-110	94	132-170	154	97-120	107	30	Ey	A	SH	34-46	41
23	PBW644 (C)	N-712	40S	16.0	40S	17.5	90-118	104	135-172	157	90-119	106	20	Ey	A	H	39-47	43
24	K1317 (C)	N-714	10MS	3.7	10S	2.8	99-122	109	140-172	158	100-118	110	10	Ey	A	H	42-54	48
25	WH1142 (C)	N-723	60S	18.3	20S	7.5	95-121	105	134-172	156	92-111	102	15	Ey	A	H	30-41	36

1. Ancillary data from Balachaur, Delhi, Gurdaspur, Hisar, Jammu, Ludhiana, Modipuram, Karnal and Pantnagar centres.
2. Yellow rust data from Gurdaspur, Hisar, Jammu, Ludhiana, Karnal and Pantnagar centres.
3. Brown rust data reported from Hisar, Jammu, Pantnagar and Ludhiana centres.
4. Lodging data reported from Gurdaspur, Pantnagar, Ludhiana and Karnal centres.

NIVT-5A-RI-TS-TAS, 2019-20
North Western Plains Zone
Individual Station Rust Data

SN	Variety	Code	Yellow Rust						Brown Rust			
			Hisar	Gurdaspur	Karnal	Jammu	Ludhiana	Pantnagar	Hisar	Jammu	Ludhiana	Pantnagar
1	WH1280	N-701	10S	tR	40S	40S	20S	0	10S	0	20S	5S
2	HD3368	N-702	0	0	5MS	20S	10S	0	20S	0	0	5S
3	HD3369	N-703	0	0	20MS	5S	10S	0	tS	0	10S	5MS
4	DBW321	N-704	0	0	20MS	10S	5S	tS	20S	0	20S	5S
5	BRW3863	N-705	0	0	20MS	10MS	10S	0	10S	0	20S	5S
6	WH1281	N-706	0	0	10MS	10S	10S	0	30S	0	0	0
7	DBW324	N-707	0	5S	40S	60S	20S	10S	20S	0	0	0
8	UP3063	N-709	0	0	5MS	20S	5S	0	5S	0	10S	5S
9	JAUW683	N-710	0	5S	20MS	5MS	20S	0	10S	5S	20S	tS
10	K1910	N-711	0	5S	5MS	5S	10S	0	5S	0	0	tS
11	HI1654	N-713	0	0	5MS	10S	10S	0	tS	0	0	0
12	NW7096	N-715	20S	0	20MS	10S	10S	0	20S	10S	0	0
13	DBW323	N-716	0	0	40S	20S	20S	0	5S	0	20S	5S
14	HI1653	N-717	0	0	5MS	10S	20S	0	5S	0	0	0
15	PBW848	N-718	0	0	5MS	10S	10S	0	20S	0	0	0
16	PBW839	N-719	0	5S	20MS	10MS	5S	0	20S	0	20S	5MS
17	HUW843	N-720	0	0	10MS	5S	0	0	5S	5S	40S	tMS
18	PBW838	N-721	0	0	20MS	10S	10S	0	10S	0	20S	10S
19	DBW322	N-722	0	0	40S	20S	20S	0	20S	0	20S	20S
20	BCW5	N-724	0	5S	40S	60S	10S	0	tS	0	0	0
21	UP3062	N-725	0	0	10MS	20S	10S	0	5S	10S	20S	5S
22	HD3171 (C)	N-708	0	5S	5MS	0	10S	5S	20S	40S	20S	10S
23	PBW644 (C)	N-712	0	5S	40S	10S	40S	tMS	5S	20S	40S	5S
24	K1317 (C)	N-714	0	5S	5MS	10MS	5S	0	tS	0	10S	0
25	WH1142 (C)	N-723	0	0	40S	60S	10S	0	20S	0	5S	5S

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

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SN	Variety	Code	Disease Reactions		Agronomic Characteristics								Grain Characteristics				
			Br	ACI	LB (HS, Av.)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	WH1280	N-701	20S	8.3	57 (24)	70-92	83	111-139	128	94-101	98	0	Ey	A	SH	35-48	40
2	HD3368	N-702	0	0.0	57 (35)	67-86	75	108-140	125	84-106	94	0	Ey	A	SH	34-54	43
3	HD3369	N-703	20S	10.0	46 (24)	74-92	81	114-139	126	89-105	99	0	Ey	A	SH	35-48	44
4	DBW321	N-704	30S	13.3	45 (23)	73-95	85	113-146	129	94-111	102	5	Ey	A	SH	35-48	41
5	BRW3863	N-705	0	0.0	46 (24)	77-94	84	118-142	129	86-124	107	10	Ey	A	H	34-51	42
6	WH1281	N-706	10S	3.3	46 (34)	74-95	86	115-144	130	102-110	106	0	M	A	H	36-52	41
7	DBW324	N-707	0	0.0	45 (23)	74-94	85	114-146	129	95-112	105	20	Ey	A	SH	34-48	41
8	UP3063	N-709	0	0.0	35 (23)	77-92	82	119-143	128	101-126	113	10	Ey	A	SH	35-51	41
9	JAUW683	N-710	0	0.0	68 (35)	68-81	73	110-146	123	83-106	97	10	Ey	A	SH	35-52	42
10	K1910	N-711	0	0.0	56 (34)	70-98	84	111-146	129	100-119	106	20	Ey	A	SH	36-52	46
11	HI1654	N-713	0	0.0	46 (24)	74-94	86	114-142	128	96-106	103	10	Ey	A	SH	36-48	41
12	NW7096	N-715	30S	10.0	57 (34)	59-90	79	101-140	125	97-107	102	10	Ey	A	H	36-44	41
13	DBW323	N-716	20S	6.7	57 (24)	61-95	82	102-136	125	93-108	98	10	Ey	A	SH	35-48	41
14	HI1653	N-717	0	0.0	35 (23)	74-89	78	111-139	125	97-112	107	5	M	A	SH	38-56	47
15	PBW848	N-718	0	0.0	56 (24)	74-92	81	114-141	126	89-106	99	10	Ey	A	SH	34-43	38
16	PBW839	N-719	0	0.0	34 (24)	65-97	85	106-141	127	90-107	100	0	Ey	A	SH	36-49	43
17	HUW843	N-720	0	0.0	68 (34)	65-91	75	110-140	123	76-99	92	15	Ey	A	SH	35-54	41
18	PBW838	N-721	20S	8.3	56 (23)	74-94	83	114-141	127	96-113	101	5	Ey	A	SH	35-45	40
19	DBW322	N-722	30S	13.3	57 (34)	73-90	77	114-139	124	80-114	94	0	M	A	SH	38-49	42
20	BCW5	N-724	0	0.0	56 (34)	70-92	82	111-140	127	93-111	100	10	Ey	A	SH	36-45	42
21	UP3062	N-725	20S	10	46 (24)	75-96	84	116-144	130	93-115	102	0	Ey	A	SH	35-44	39
22	HD3171 (C)	N-708	30S	10.0	46 (24)	66-81	73	110-145	125	91-107	98	10	Ey	A	SH	34-46	40
23	PBW644 (C)	N-712	20S	13.3	46 (34)	58-93	81	100-138	125	95-110	104	20	Ey	A	SH	34-50	41
24	K1317 (C)	N-714	5S	1.7	36 (34)	72-96	84	113-141	128	98-110	105	0	Ey	A	H	36-51	44
25	WH1142 (C)	N-723	20S	6.7	35 (23)	74-92	81	114-140	128	90-106	101	5	Ey	A	SH	34-40	37

1. Ancillary data from Coochbehar, Ranchi, RPCAU PUSA, Kalyani, Kanpur, Sabour and Varanasi centres.

2. Brown rust data reported from Sabour, Kalyani and Kanpur centres. 3. Leaf Blight data from Coochbehar, Sabour, Kalyani and Ranchi centres. 4. Lodging data reported from Sabour, Ranchi and RPCAU-PUSA centres.

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Individual Station Brown Rust and Leaf Blight Data

SN	Variety	Code	Brown Rust			Leaf Blight			
			Sabour	Kalyani	Kanpur	Sabour	Coochbehar	Kalyani	Ranchi
1	WH1280	N-701	20S	5S	0	57	45	24	13
2	HD3368	N-702	0	0	0	57	56	57	03
3	HD3369	N-703	20S	10S	0	46	45	35	13
4	DBW321	N-704	30S	0	10S	23	45	35	14
5	BRW3863	N-705	0	0	0	46	34	25	03
6	WH1281	N-706	0	10S	0	35	34	46	12
7	DBW324	N-707	0	0	0	35	34	45	13
8	UP3063	N-709	0	0	0	23	34	35	13
9	JAUW683	N-710	0	0	0	68	56	57	14
10	K1910	N-711	0	0	0	34	56	45	03
11	HI1654	N-713	0	0	0	46	34	35	13
12	NW7096	N-715	30S	0	0	57	46	35	13
13	DBW323	N-716	20S	0	0	35	46	57	03
14	HI1653	N-717	0	0	0	34	35	24	13
15	PBW848	N-718	0	0	0	23	56	35	14
16	PBW839	N-719	0	0	0	34	34	23	15
17	HUW843	N-720	0	0	0	68	56	23	13
18	PBW838	N-721	20S	5S	0	23	45	56	13
19	DBW322	N-722	30S	10S	0	57	56	45	12
20	BCW5	N-724	0	0	0	35	56	45	24
21	UP3062	N-725	20S	5S	5S	35	46	45	13
22	HD3171 (C)	N-708	30S	0	0	34	46	24	24
23	PBW644 (C)	N-712	20S	20S	0	35	45	46	24
24	K1317 (C)	N-714	0	5S	0	36	34	35	12
25	WH1142 (C)	N-723	20S	0	0	35	34	24	13