

2102-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2021-22

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ																	
			Delhi			Punjab						Haryana						UTK		
			Delhi			Ludhiana		Gurdaspur		Hisar		Karnal		Pantnagar						
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	HUW850	N201	68.4	21	0	58.0	12	0	52.8	17	0	47.9	30	0	56.0	24	0	49.1	29	0
2	KRL2020	N202	57.5	29	0	52.1	27	0	41.2	31	0	54.6	14	0	50.6	30	0	55.8	14	0
3	RAJ4569	N203	70.9	16	1	53.5	21	0	55.7	11	0	61.9	6	0	60.5	15	0	57.4	12	0
4	PBW888	N204	60.4	27	0	53.5	23	0	54.1	14	0	48.4	28	0	56.5	23	0	52.7	21	0
5	WH1305	N205	65.1	25	0	44.9	34	0	63.9	1	1	44.8	33	0	61.3	12	0	58.9	9	0
7	UP3106	N207	75.9	8	1	61.8	9	1	59.5	7	1	50.8	25	0	62.7	10	1	54.8	18	0
8	RAJ4570	N208	70.9	17	1	51.7	29	0	44.3	28	0	51.1	23	0	54.6	27	0	59.3	7	0
9	DBW386	N209	76.0	7	1	62.8	6	1	57.9	9	1	58.8	9	0	64.1	8	1	69.0	1	1
10	AAI-W49	N210	50.9	33	0	47.2	33	0	44.5	27	0	52.5	19	0	45.3	34	0	58.1	11	0
12	K2103	N212	65.6	24	0	40.5	36	0	46.6	26	0	49.3	27	0	53.2	28	0	46.1	32	0
13	NW8044	N213	53.4	32	0	51.9	28	0	47.4	25	0	54.1	16	0	55.3	26	0	41.9	33	0
14	UP3105	N214	69.8	19	1	57.7	13	0	50.4	22	0	55.8	12	0	61.1	13	0	55.4	15	0
15	DBW379	N215	63.7	26	0	62.4	7	1	48.0	24	0	54.2	15	0	63.5	9	1	50.5	26	0
16	DBW384	N216	67.5	23	0	58.2	11	0	42.2	30	0	53.7	17	0	58.8	19	0	52.3	23	0
17	HUW851	N217	78.4	1	1	53.5	21	0	54.6	13	0	45.7	31	0	57.2	22	0	56.5	13	0
18	TAW142	N218	49.8	34	0	56.8	15	0	53.2	16	0	49.7	26	0	59.1	18	0	58.8	10	0
19	WH1304	N219	71.6	15	1	62.0	8	1	52.7	18	0	61.1	7	0	65.1	7	1	48.5	30	0
20	HI1668	N220	76.9	5	1	67.0	1	1	61.9	4	1	66.7	1	1	67.1	6	1	61.7	5	0
21	PBW887	N221	72.1	14	1	63.9	5	1	62.4	3	1	60.6	8	0	68.1	4	1	60.7	6	0
22	NWS2214	N222	67.7	22	0	65.3	3	1	56.6	10	0	65.5	2	1	68.7	2	1	67.5	2	1
23	K2105	N223	46.8	35	0	48.3	30	0	40.4	32	0	52.0	20	0	34.0	36	0	53.4	20	0
24	DBW385	N224	75.3	9	1	52.1	26	0	59.6	6	1	44.9	32	0	60.3	17	0	59.3	8	0
25	BRW3910	N225	46.5	36	0	47.5	32	0	31.7	36	0	32.1	36	0	35.8	35	0	41.7	34	0
26	RVW4353	N226	55.2	31	0	41.9	35	0	34.9	35	0	38.7	35	0	46.2	33	0	39.9	35	0
27	PBW890	N227	75.0	10	1	54.2	20	0	51.5	21	0	51.9	21	0	60.4	16	0	47.9	31	0
28	NW8049	N228	77.0	4	1	61.1	10	1	58.8	8	1	62.2	5	0	68.2	3	1	54.1	19	0
29	HD3423	N229	76.7	6	1	57.7	14	0	42.3	29	0	51.4	22	0	60.7	14	0	63.1	3	0
31	JKW297	N231	68.6	20	0	53.4	24	0	39.8	33	0	40.2	34	0	51.9	29	0	49.2	28	0
32	BRW3926	N232	58.3	28	0	52.7	25	0	38.9	34	0	48.4	29	0	55.9	25	0	52.6	22	0
33	K2104	N233	56.3	30	0	47.9	31	0	49.4	23	0	55.8	13	0	50.2	31	0	39.3	36	0
34	HP1975	N234	77.2	3	1	55.7	18	0	51.6	20	0	51.0	24	0	49.6	32	0	49.4	27	0
35	PBW889	N235	74.9	11	1	66.9	2	1	62.6	2	1	57.0	11	0	62.3	11	1	50.9	25	0
36	HD3422	N236	77.9	2	1	55.5	19	0	53.5	15	0	58.5	10	0	57.6	20	0	51.7	24	0
6	DBW222(C)	N206	72.1	13	1	56.2	17	0	52.7	19	0	52.9	18	0	69.7	1	1	63.0	4	0
11	DBW187(C)	N211	70.4	18	1	64.1	4	1	55.2	12	0	64.7	4	1	67.5	5	1	55.0	16	0
30	HD3086(C)	N230	74.8	12	1	56.3	16	0	61.4	5	1	65.0	3	1	57.4	21	0	54.9	17	0
G.M.			67.1			55.4			50.9			53.2			57.7			53.9		
S.E.(M)			4.016			2.737			2.945			1.630			3.170			1.653		
C.D. (10%)			9.7			6.5			7.0			3.9			7.7			3.9		
C.V.			8.5			7.0			8.2			4.3			7.8			4.3		
D.O.S.(dd.mm.yy)			02.11.21			02.11.21			09.11.21			04.11.21			06.11.21			12.11.21		

No. of Trials : Proposed = 20 Conducted = 20
Trials not reported (04) = NWPZ : Jammu (LSM), Gwalior (LSM)
NEPZ : Coochbehar (RMT), Shillongani (LSM)

2102-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2021-22

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ						NEPZ											
			Rajasthan			U.P.			U.P.											
			Sriganganagar			Bulandshahr			Kanpur		Ayodhya		Varanasi							
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	HUW850	N201	59.4	8	0	46.4	32	0	67.5	12	0	49.0	19	0	53.3	12	0	59.2	6	0
2	KRL2020	N202	47.8	23	0	41.7	35	0	58.2	26	0	57.5	4	1	45.1	33	0	49.3	25	0
3	RAJ4569	N203	49.2	19	0	50.5	24	0	56.5	29	0	44.1	28	0	55.2	7	0	54.2	16	0
4	PBW888	N204	53.5	11	0	45.3	33	0	48.4	36	0	60.6	1	1	48.6	21	0	54.0	19	0
5	WH1305	N205	64.3	3	1	50.8	22	0	56.5	28	0	55.7	7	1	50.0	17	0	47.2	29	0
7	UP3106	N207	38.9	31	0	57.8	8	1	57.1	27	0	52.3	12	0	47.2	24	0	40.0	34	0
8	RAJ4570	N208	44.0	28	0	50.8	23	0	66.0	13	0	52.8	10	0	53.3	13	0	55.4	13	0
9	DBW386	N209	52.5	13	0	47.7	29	0	68.6	10	0	54.7	9	0	57.6	4	1	70.6	1	1
10	AAI-W49	N210	51.3	14	0	55.1	13	1	59.8	23	0	48.8	20	0	54.9	8	0	55.8	12	0
12	K2103	N212	61.3	7	1	60.2	2	1	61.5	18	0	38.9	35	0	55.6	6	0	37.4	35	0
13	NW8044	N213	32.4	36	0	49.9	25	0	52.1	35	0	37.2	36	0	54.2	10	0	42.1	33	0
14	UP3105	N214	45.3	26	0	42.9	34	0	52.9	31	0	46.2	24	0	58.9	2	1	51.1	21	0
15	DBW379	N215	47.9	22	0	53.7	15	1	65.3	14	0	41.5	33	0	58.0	3	1	47.4	28	0
16	DBW384	N216	35.7	34	0	53.3	16	1	72.2	7	1	52.1	13	0	54.7	9	0	47.5	27	0
17	HUW851	N217	48.0	21	0	57.9	7	1	56.0	30	0	44.4	27	0	51.9	15	0	50.7	23	0
18	TAW142	N218	56.4	9	0	38.5	36	0	52.4	34	0	50.7	15	0	45.8	30	0	64.6	3	1
19	WH1304	N219	65.6	2	1	56.1	11	1	67.9	11	0	48.8	20	0	49.0	19	0	56.1	10	0
20	HI1668	N220	47.7	25	0	58.9	3	1	74.8	6	1	49.3	18	0	51.9	15	0	58.8	7	0
21	PBW887	N221	63.2	5	1	54.8	14	1	70.5	9	1	50.5	17	0	46.0	28	0	54.2	16	0
22	NWS2214	N222	50.3	17	0	49.1	26	0	75.2	3	1	55.7	7	1	49.1	18	0	63.8	4	1
23	K2105	N223	50.4	16	0	47.6	30	0	60.7	19	0	42.5	30	0	45.8	30	0	43.3	32	0
24	DBW385	N224	47.8	23	0	58.5	5	1	52.8	33	0	44.8	26	0	43.4	34	0	45.8	31	0
25	BRW3910	N225	36.8	33	0	48.0	28	0	52.9	32	0	41.5	33	0	47.2	25	0	28.2	36	0
26	RVW4353	N226	66.0	1	1	52.6	18	0	58.6	25	0	41.8	32	0	52.3	14	0	55.8	11	0
27	PBW890	N227	48.8	20	0	58.1	6	1	61.9	17	0	52.8	10	0	45.7	32	0	54.9	15	0
28	NW8049	N228	41.3	29	0	51.2	21	0	60.3	21	0	48.8	20	0	46.3	27	0	58.8	7	0
29	HD3423	N229	49.9	18	0	48.3	27	0	63.2	16	0	48.1	23	0	46.0	28	0	47.9	26	0
31	JKW297	N231	40.8	30	0	55.3	12	1	60.6	20	0	56.1	6	1	47.7	23	0	46.0	30	0
32	BRW3926	N232	34.1	35	0	52.2	19	0	75.4	2	1	42.5	30	0	43.2	35	0	51.0	22	0
33	K2104	N233	63.2	4	1	52.9	17	1	60.1	22	0	57.6	3	1	43.1	36	0	58.5	9	0
34	HP1975	N234	50.5	15	0	57.1	9	1	74.8	5	1	52.1	13	0	49.0	19	0	59.7	5	0
35	PBW889	N235	61.7	6	1	60.9	1	1	75.1	4	1	43.4	29	0	54.2	11	0	54.2	16	0
36	HD3422	N236	54.4	10	0	56.9	10	1	64.5	15	0	45.8	25	0	48.1	22	0	50.3	24	0
6	DBW222(C)	N206	45.1	27	0	51.6	20	0	75.5	1	1	59.0	2	1	59.7	1	1	55.1	14	0
11	DBW187(C)	N211	52.6	12	0	47.1	31	0	70.8	8	1	57.5	4	1	56.3	5	1	54.0	19	0
30	HD3086(C)	N230	38.5	32	0	58.7	4	1	59.3	24	0	50.7	15	0	47.0	26	0	68.8	2	1
G.M.			49.9			52.2			62.9			49.3			50.4			52.5		
S.E.(M)			2.611			3.407			2.466			2.343			1.611			3.213		
C.D. (10%)			6.2			8.2			6.0			5.6			3.8			7.7		
C.V.			7.4			9.2			5.5			6.7			4.5			8.6		
D.O.S.(dd.mm.yy)			05.11.21			13.11.21			12.11.21			14.11.21			08.11.21			14.11.21		

2102-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2021-22

LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ											
			Bihar						Jharkhand			W.Bengal		
			Sabour			RPCAU,Pusa			Ranchi			Kalyani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HUW850	N201	45.8	14	0	50.7	28	0	55.6	21	0	39.3	27	0
2	KRL2020	N202	45.8	15	0	60.8	6	0	58.3	14	0	45.2	9	1
3	RAJ4569	N203	45.1	21	0	61.3	4	0	63.9	5	1	43.9	13	0
4	PBW888	N204	37.2	34	0	49.0	32	0	59.7	11	0	37.3	32	0
5	WH1305	N205	44.4	22	0	50.6	29	0	47.9	35	0	43.2	15	0
7	UP3106	N207	46.5	12	0	55.8	17	0	62.5	7	1	44.3	11	1
8	RAJ4570	N208	43.1	27	0	55.8	16	0	65.3	2	1	36.3	34	0
9	DBW386	N209	45.8	15	0	58.0	12	0	56.9	19	0	40.9	23	0
10	AAI-W49	N210	38.2	32	0	51.6	26	0	54.2	26	0	42.3	17	0
12	K2103	N212	50.7	5	1	65.3	2	1	67.4	1	1	47.2	4	1
13	NW8044	N213	28.5	36	0	46.9	34	0	54.9	25	0	41.3	21	0
14	UP3105	N214	43.2	26	0	53.5	20	0	58.3	14	0	41.3	22	0
15	DBW379	N215	45.8	15	0	53.1	22	0	50.0	31	0	38.4	29	0
16	DBW384	N216	49.3	7	0	49.8	30	0	53.5	28	0	42.9	16	0
17	HUW851	N217	50.3	6	1	58.8	10	0	60.4	10	1	45.8	8	1
18	TAW142	N218	51.4	4	1	65.6	1	1	55.6	21	0	43.4	14	0
19	WH1304	N219	45.8	15	0	61.0	5	0	61.1	9	1	41.6	19	0
20	HI1668	N220	42.4	28	0	60.3	8	0	55.6	21	0	46.2	7	1
21	PBW887	N221	54.9	2	1	59.5	9	0	65.3	2	1	42.0	18	0
22	NWS2214	N222	56.3	1	1	55.0	18	0	57.6	17	0	38.4	28	0
23	K2105	N223	42.4	28	0	56.9	14	0	49.3	33	0	49.2	1	1
24	DBW385	N224	47.2	11	0	57.2	13	0	52.1	29	0	36.1	35	0
25	BRW3910	N225	40.3	31	0	58.7	11	0	55.6	21	0	37.8	30	0
26	RVW4353	N226	37.8	33	0	48.6	33	0	58.3	14	0	40.2	25	0
27	PBW890	N227	43.8	25	0	51.0	27	0	44.4	36	0	47.6	3	1
28	NW8049	N228	47.6	10	0	56.8	15	0	56.3	20	0	37.8	31	0
29	HD3423	N229	53.5	3	1	40.6	36	0	61.1	8	1	39.3	26	0
31	JKW297	N231	42.0	30	0	53.1	24	0	63.9	5	1	43.9	12	0
32	BRW3926	N232	46.5	13	0	49.5	31	0	49.3	33	0	47.1	5	1
33	K2104	N233	44.4	22	0	53.1	22	0	50.7	30	0	48.0	2	1
34	HP1975	N234	35.4	35	0	42.4	35	0	57.6	17	0	35.9	36	0
35	PBW889	N235	47.9	9	0	54.5	19	0	54.2	26	0	45.0	10	1
36	HD3422	N236	44.1	24	0	53.5	20	0	64.6	4	1	41.5	20	0
6	DBW222(C)	N206	45.8	15	0	64.2	3	1	59.0	12	0	40.8	24	0
11	DBW187(C)	N211	49.3	7	0	52.3	25	0	59.0	13	0	46.2	6	1
30	HD3086(C)	N230	45.5	20	0	60.4	7	0	50.0	31	0	36.9	33	0
G.M.			45.1			54.9			56.9			42.1		
S.E.(M)			2.599			1.747			2.948			2.179		
C.D. (10%)			6.2			4.2			7.0			5.3		
C.V.			8.1			4.5			7.3			7.3		
D.O.S.(dd.mm.yy)			15.11.21			12.11.21			15.11.21			15.11.21		

2102-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2021-22

ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HUW850	N201	56.2	21	0	50.4	17	0	53.6	15	0
2	KRL2020	N202	51.1	32	0	51.7	12	0	51.4	28	0
3	RAJ4569	N203	57.3	14	0	52.5	7	0	55.2	11	0
4	PBW888	N204	52.5	28	0	49.5	24	0	51.2	29	0
5	WH1305	N205	56.7	16	0	48.4	27	0	53.1	18	0
7	UP3106	N207	57.7	12	0	49.8	22	0	54.2	14	0
8	RAJ4570	N208	54.7	23	0	51.7	13	0	53.4	16	0
9	DBW386	N209	61.9	5	0	54.9	1	1	58.9	3	1
10	AAI-W49	N210	51.6	30	0	49.4	25	0	50.6	31	0
12	K2103	N212	53.8	25	0	51.8	11	0	52.9	22	0
13	NW8044	N213	48.7	33	0	43.6	36	0	46.5	35	0
14	UP3105	N214	54.6	24	0	50.4	19	0	52.7	23	0
15	DBW379	N215	56.6	19	0	47.7	30	0	52.7	25	0
16	DBW384	N216	54.9	22	0	50.0	21	0	52.7	24	0
17	HUW851	N217	56.4	20	0	51.8	10	0	54.4	13	0
18	TAW142	N218	52.7	27	0	53.9	3	1	53.2	17	0
19	WH1304	N219	61.2	6	0	51.9	9	0	57.1	8	0
20	HI1668	N220	64.8	1	1	52.0	8	0	59.2	2	1
21	PBW887	N221	64.0	2	1	53.2	6	1	59.3	1	1
22	NWS2214	N222	62.9	4	1	53.7	4	1	58.9	4	1
23	K2105	N223	48.2	35	0	47.1	32	0	47.7	34	0
24	DBW385	N224	56.7	17	0	46.7	34	0	52.3	26	0
25	BRW3910	N225	41.4	36	0	44.2	35	0	42.6	36	0
26	RVW4353	N226	48.2	34	0	47.8	29	0	48.1	33	0
27	PBW890	N227	56.6	18	0	48.6	26	0	53.1	19	0
28	NW8049	N228	59.4	9	0	50.3	20	0	55.4	9	0
29	HD3423	N229	57.0	15	0	48.1	28	0	53.1	20	0
31	JKW297	N231	51.1	31	0	50.4	18	0	50.8	30	0
32	BRW3926	N232	52.1	29	0	47.0	33	0	49.9	32	0
33	K2104	N233	52.8	26	0	50.8	15	0	51.9	27	0
34	HP1975	N234	57.4	13	0	47.4	31	0	53.1	21	0
35	PBW889	N235	63.6	3	1	50.5	16	0	57.8	5	1
36	HD3422	N236	58.9	10	0	49.7	23	0	54.9	12	0
6	DBW222(C)	N206	59.9	8	0	54.8	2	1	57.7	6	0
11	DBW187(C)	N211	60.8	7	0	53.5	5	1	57.6	7	0
30	HD3086(C)	N230	58.5	11	0	51.3	14	0	55.3	10	0
G.M.			55.9			50.2			53.4		
S.E.(M)			0.944			0.922			0.667		
C.D. (10%)			2.2			2.2			1.6		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-1B-IR-TS-TAS, 2021-22

SN	Variety	Code	Disease Reaction				Agronomic Characteristics								
			YI	ACI	Br	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	HUW850	N201	20MS	6.1	5S	0.8	90-116	101	134-158	145	93-113	105	10	34-47	40
2	KRL2020	N202	20S	5.3	20S	7.0	92-113	101	136-157	145	93-116	106	10	26-43	32
3	RAJ4569	N203	10S	3.1	40S	10.9	90-116	101	134-158	145	89-112	105	10	30-41	36
4	PBW888	N204	30S	7.2	10S	3.5	92-113	103	134-160	145	80-109	99	5	27-42	34
5	WH1305	N205	40S	10.7	20S	6.7	91-108	100	137-160	145	84-113	102	5	29-41	35
6	UP3106	N207	5MS	0.6	0	0.0	88-110	97	134-159	144	78-106	100	0	37-55	43
7	RAJ4570	N208	5MR	0.3	30MS	6.3	87-105	96	134-156	143	84-110	102	15	31-41	36
8	DBW386	N209	10S	3.6	10S	3.7	88-110	98	133-158	144	84-136	105	10	38-51	44
9	AAI-W49	N210	40S	13.6	60S	36.7	91-113	102	134-161	145	97-112	104	20	30-46	38
10	K2103	N212	60S	33.4	40S	6.7	91-108	100	136-158	144	78-107	99	10	29-44	36
11	NW8044	N213	5S	0.7	10S	1.7	86-110	96	133-158	144	93-117	106	10	34-45	40
12	UP3105	N214	20S	6.7	5MS	2.5	91-113	103	136-160	147	99-125	111	15	26-44	35
13	DBW379	N215	5S	1.4	20S	12.2	90-118	102	136-158	146	90-112	106	0	35-47	40
14	DBW384	N216	10S	3.1	30S	8.3	86-110	96	132-156	143	92-118	104	10	41-50	45
15	HUW851	N217	5S	1.4	40S	13.0	90-114	101	136-157	145	72-107	96	0	36-49	42
16	TAW142	N218	20S	6.0	60S	33.3	94-117	105	135-160	146	88-122	108	10	31-42	38
17	WH1304	N219	5S	2.0	20S	3.3	87-112	98	133-156	144	82-113	102	10	36-44	40
18	HI1668	N220	5S	1.0	20MS	4.3	84-114	97	135-157	145	91-116	106	20	35-56	45
19	PBW887	N221	10S	4.3	40S	15.0	87-116	99	134-159	145	84-113	102	5	34-49	44
20	NWS2214	N222	10S	5.0	20S	6.8	87-112	98	134-160	145	99-120	109	30	40-57	45
21	K2105	N223	80S	30.7	5S	1.8	91-114	106	134-159	147	100-131	115	15	24-44	35
22	DBW385	N224	10S	5.0	80S	25.0	85-110	95	135-158	143	72-101	89	0	28-42	37
23	BRW3910	N225	40S	14.3	15S	5.8	92-115	107	135-161	148	110-160	135	40	29-40	35
24	RVW4353	N226	60S	27.1	20S	10.0	88-116	99	132-156	144	93-117	106	10	30-40	34
25	PBW890	N227	5S	1.4	30S	8.3	92-113	102	133-160	147	86-114	103	20	32-41	36
26	NW8049	N228	10S	2.5	20S	6.0	86-116	99	133-159	144	87-113	105	0	35-50	44
27	HD3423	N229	20S	5.1	40S	12.3	92-114	99	134-157	144	83-108	98	10	36-45	42
28	JKW297	N231	20S	8.1	5S	0.8	92-118	104	134-159	147	77-114	102	15	32-45	38
29	BRW3926	N232	60S	17.4	5S	1.5	94-118	103	135-159	145	82-112	102	10	34-46	41
30	K2104	N233	60S	30.0	20S	5.2	86-112	97	132-156	144	91-122	106	10	39-44	41
31	HD1975	N234	10S	3.3	30S	10.0	95-118	104	135-158	146	85-116	106	15	29-44	38
32	PBW889	N235	5S	0.7	10S	2.5	85-114	96	133-157	144	79-108	100	5	35-49	41
33	HD3422	N236	0	0.0	60S	17.7	91-113	102	134-160	146	92-113	106	5	32-41	35
34	DBW222 (C)	N206	40S	12.9	20MS	3.5	87-114	101	135-158	146	94-116	105	5	32-45	40
35	DBW187 (C)	N211	5S	0.7	20S	4.7	89-116	100	136-158	145	89-115	103	20	32-47	42
36	HD3086 (C)	N230	10S	2.4	60S	27.5	86-112	97	133-156	143	77-109	99	10	31-45	40

1. Ancillary data from Delhi, Jammu, Ludhiana, Gurdaspur, Hisar, Karnal, Gwalior, Sriganaganagar, Bulandshar and Pantnagar.

2. Yellow rust data from Delhi, Jammu, Ludhiana, Gurdaspur, Hisar, Pantnagar and Karnal.

3. Brown rust data from Delhi, Karnal, Gurdaspur, Hisar, Ludhiana and Pantnagar.

4. Lodging data from Hisar, Gwalior, Delhi, Gurdaspur, Bulandshar centres.

NIVT-1B-IR-TS-TAS, 2021-22
North Western Plains Zone
Individual Station Rust Data

SN	Variety	Code	Yellow rust							Brown rust					
			Jammu	Ludhiana	Delhi	Karnal	Gurdaspur	Hisar	Pantnagar	Karnal	Delhi	Pantnagar	Hisar	Ludhiana	Gurdaspur
1	HUW850	N201	5S	10S	5MR	20MS	5S	5S	0	0	0	0	5S	0	0
2	KRL2020	N202	5S	5MR	0	20S	10S	0	0	5S	20MS/S	tS	20S	0	0
3	RAJ4569	N203	5S	5MR	10S	0	5S	0	0	tR	40S	0	20S	5S	0
4	PBW888	N204	5S	5S	30S	tR	0	10S	0	0	5S	tS	10S	5S	0
5	WH1305	N205	5S	40S	0	20S	0	10S	0	0	20S	0	20S	0	0
6	UP3106	N207	5MS	0	0	0	0	0	0	0	0	0	0	0	0
7	RAJ4570	N208	0	0	0	tR	5MR	0	0	5MS	30MS	0	10S	0	0
8	DBW386	N209	5S	5S	0	10S	5S	0	0	10S	0	0	10S	5MR	0
9	AAI-W49	N210	5S	20S	0	40S	20S	10S	0	60S	0	60S	60S	40S	0
10	K2103	N212	10S	60S	10MR	60S	60S	40S	0	0	0	0	40S	0	0
11	NW8044	N213	5S	0	0	tR	0	0	0	0	0	0	10S	0	tR
12	UP3105	N214	5S	5MR	20S	10S	5S	5S	0	0	0	0	tS	5MS	0
13	DBW379	N215	0	5S	0	0	5S	0	0	10MS	20MS	10S	20S	5S	10S
14	DBW384	N216	5S	5MR	0	10S	5S	0	0	0	30S	0	20S	0	0
15	HUW851	N217	0	0	0	5S	5S	0	0	10MS	40S	0	20S	10S	tR
16	TAW142	N218	5MS	20S	0	20MR	10S	0	0	60S	0	40S	40S	40S	20S
17	WH1304	N219	0	5MR	0	5S	5MR	5S	0	0	0	0	20S	0	0
18	HI1668	N220	0	5MR	0	0	5S	0	0	0	20MS	0	10S	0	0
19	PBW887	N221	0	10S	0	5S	5S	10S	0	10s	30S	10S	40S	0	0
20	NWS2214	N222	10S	5S	0	10S	5S	5S	0	5S	20MS	0	20S	0	0
21	K2105	N223	5S	40S	40S	80S	40S	10S	0	0	5S	tS	5S	0	0
22	DBW385	N224	5S	5S	0	10s	5S	5S	5S	0	80S	10S	20S	40S	0
23	BRW3910	N225	0	20S	0	40S	20S	20S	0	5S	5S	15S	10S	0	0
24	RVW4353	N226	10S	60S	0	60S	20S	40S	0	0	0	20S	20S	0	20S
25	PBW890	N227	5S	0	0	0	0	5S	0	0	30S	0	20S	0	0
26	NW8049	N228	5MR	0	0	tR	5S	10S	0	tR	20MS	0	20S	0	0
27	HD3423	N229	0	10S	0	20S	5S	tS	0	0	20S	10S	40S	5MS	0
28	JKW297	N231	10S	5MR	0	20S	5S	20S	0	0	0	0	5S	0	0
29	BRW3926	N232	5MR	10S	0	40S	60S	10S	0	0	5MS	0	5S	0	0
30	K2104	N233	10S	60S	0	60S	40S	20S	20S	0	10S	tS	20S	0	0
31	HD1975	N234	0	10S	10MS	0	5S	0	0	10S	30S	0	20S	0	0
32	PBW889	N235	0	0	0	0	5S	0	0	0	10S	0	5S	0	0
33	HD3422	N236	0	0	0	0	0	0	0	0	20MS	20s	60S	10S	0
34	DBW222 (C)	N206	0	40S	0	20S	20S	10S	0	0	20MS	0	5S	0	0
35	DBW187 (C)	N211	0	0	0	0	5S	0	0	0	10MS/S	0	20S	0	0
36	HD3086 (C)	N230	0	5MR	0	0	10S	5S	0	40S	0	15S	60S	40S	10S

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: NIVT-1B-IR-TS-TAS, 2021-22

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								
			Br	LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	TGW.R	TGW.M
1	HUW850	N201	0	46(34)	73-96	83	113-138	127	87-109	100	0	40-50	45
2	KRL2020	N202	20S	45(35)	72-95	82	114-132	125	92-107	100	0	30-47	40
3	RAJ4569	N203	0	56(35)	64-95	80	108-133	124	85-103	96	0	38-48	41
4	PBW888	N204	0	57(35)	76-93	86	112-137	126	78-97	88	0	36-52	42
5	WH1305	N205	0	46(34)	74-98	83	112-134	126	78-104	93	0	36-50	44
6	UP3106	N207	0	46(34)	69-95	80	110-135	124	87-100	93	0	37-56	46
7	RAJ4570	N208	0	46(35)	58-92	75	108-132	123	82-95	92	0	34-52	44
8	DBW386	N209	5S	45(34)	68-90	79	114-132	125	73-96	92	0	43-57	49
9	AAI-W49	N210	20S	56(45)	70-95	82	114-136	127	88-105	98	0	35-55	47
10	K2103	N212	0	45(34)	72-96	82	112-135	126	72-94	86	0	37-52	45
11	NW8044	N213	10S	56(35)	64-90	76	114-131	124	93-103	97	5	36-46	41
12	UP3105	N214	0	35(24)	79-94	88	124-142	132	95-112	105	0	31-44	39
13	DBW379	N215	5S	45(34)	60-93	77	114-131	123	76-101	92	0	36-51	44
14	DBW384	N216	0	56(35)	66-88	76	112-130	123	80-107	96	20	41-55	47
15	HUW851	N217	0	56(34)	76-91	84	110-137	125	78-96	90	0	41-53	46
16	TAW142	N218	40S	48(35)	72-97	85	110-136	128	86-109	99	0	40-50	45
17	WH1304	N219	0	56(45)	64-88	78	112-131	124	83-103	95	0	39-51	44
18	HI1668	N220	0	46(45)	62-92	76	113-130	124	90-108	100	0	36-60	49
19	PBW887	N221	0	56(35)	71-92	80	112-134	125	77-100	93	0	40-54	47
20	NWS2214	N222	0	46(35)	63-91	77	110-132	123	87-102	98	15	40-59	49
21	K2105	N223	0	45(23)	84-95	92	126-143	133	91-116	108	0	34-52	42
22	DBW385	N224	0	56(35)	64-86	75	109-131	123	65-93	81	0	37-50	43
23	BRW3910	N225	0	35(24)	85-99	93	126-142	133	122-138	131	5	28-48	41
24	RVW4353	N226	40S	45(35)	59-90	76	112-132	125	80-114	97	0	35-52	44
25	PBW890	N227	0	56(35)	76-97	85	112-138	128	76-102	93	0	31-50	42
26	NW8049	N228	0	45(35)	64-94	78	110-129	124	87-106	94	0	38-54	46
27	HD3423	N229	0	35(35)	72-96	81	119-136	125	86-104	95	0	38-53	45
28	JKW297	N231	0	46(35)	78-94	85	116-137	128	80-103	94	20	37-48	42
29	BRW3926	N232	0	46(35)	69-89	82	108-138	125	87-101	94	0	32-51	44
30	K2104	N233	0	46(35)	68-88	77	116-132	125	86-110	98	5	41-52	46
31	HD1975	N234	0	34(24)	69-99	83	120-138	128	85-105	98	0	36-49	42
32	PBW889	N235	0	46(35)	66-92	78	110-132	124	84-99	92	0	38-54	45
33	HD3422	N236	0	46(35)	68-95	83	118-139	129	86-109	98	5	30-48	42
34	DBW222 (C)	N206	0	56(34)	68-93	80	116-132	126	92-110	99	0	36-50	44
35	DBW187 (C)	N211	0	57(46)	66-94	78	115-130	125	83-98	93	0	35-56	45
36	HD3086 (C)	N230	40S	46(34)	62-90	76	110-129	124	85-100	93	0	36-50	45

1. Ancillary data from Kanpur, Ayodhya, Varanasi, RPCAU-Pusa, Kalyani, Ranchi, Sabour and Shillongani centres.

2. Lodging data from Sabour and Shillongani centres only.

3. Leaf blight data from Ayodhya, RPCAU-Pusa, Kalyani, Sabour and Shillongani.

4. Brown rust data from Kanpur centre only

NIVT-1B-IR-TS-TAS, 2021-22
North Eastern Plains Zone
Individual Station Leaf Blight Data

SN	Variety	Code	Leaf Blight				
			Ayodhya	Kalyani	Sabour	Shillongani	RPCAU-Pusa
1	HUW850	N201	12	25	23	46	34
2	KRL2020	N202	35	45	34	24	34
3	RAJ4569	N203	35	35	56	35	45
4	PBW888	N204	36	35	24	57	34
5	WH1305	N205	24	24	46	24	34
6	UP3106	N207	12	45	46	35	45
7	RAJ4570	N208	35	35	46	35	34
8	DBW386	N209	36	45	34	24	23
9	AAI-W49	N210	36	35	45	35	45
10	K2103	N212	12	45	45	35	34
11	NW8044	N213	24	46	56	35	45
12	UP3105	N214	24	24	24	35	23
13	DBW379	N215	24	35	45	24	34
14	DBW384	N216	12	24	46	24	56
15	HUW851	N217	12	24	34	35	56
16	TAW142	N218	35	48	25	45	34
17	WH1304	N219	36	45	56	46	34
18	HI1668	N220	46	45	45	46	45
19	PBW887	N221	35	24	34	46	56
20	NWS2214	N222	12	35	46	46	45
21	K2105	N223	12	35	12	12	45
22	DBW385	N224	24	45	56	35	34
23	BRW3910	N225	35	13	34	12	34
24	RVW4353	N226	36	45	34	35	34
25	PBW890	N227	35	35	35	35	56
26	NW8049	N228	35	45	34	35	45
27	HD3423	N229	35	35	35	35	34
28	JKW297	N231	24	46	45	35	34
29	BRW3926	N232	36	46	35	35	34
30	K2104	N233	46	35	35	35	45
31	HD1975	N234	12	24	34	24	34
32	PBW889	N235	24	35	45	46	34
33	HD3422	N236	35	46	24	46	45
34	DBW222 (C)	N206	12	56	35	35	45
35	DBW187 (C)	N211	35	36	46	57	34
36	HD3086 (C)	N230	12	46	45	35	34