

2302-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ														
			Delhi			Punjab						Haryana					
			Delhi			Ludhiana		Gurdaspur		Hisar		Karnal					
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	HUW859	N202	84.5	19	1	63.6	26	0	47.3	34	0	62.7	6	0	53.1	22	0
2	JKW317	N203	90.1	6	1	62.6	27	0	62.6	10	0	54.0	28	0	63.0	9	0
3	K2304	N204	84.0	20	0	67.4	16	0	62.7	9	0	51.9	31	0	52.3	23	0
4	RAJ4587	N205	73.1	33	0	47.1	36	0	41.6	36	0	56.1	22	0	39.0	36	0
5	SVPWL22-10	N206	80.5	27	0	67.9	13	1	53.9	25	0	56.6	20	0	58.7	15	0
6	HP1982	N207	91.8	1	1	65.0	22	0	67.8	2	1	55.1	26	0	39.6	35	0
7	K2303	N208	90.1	6	1	68.1	12	1	63.6	7	1	61.7	8	0	58.4	16	0
8	UP3144	N209	90.0	8	1	64.4	23	0	52.6	28	0	54.3	27	0	44.7	33	0
9	PBW945	N210	86.7	16	1	71.5	7	1	59.9	16	0	58.2	15	0	57.2	19	0
10	NW8089	N211	91.5	3	1	72.6	5	1	60.1	15	0	65.8	3	1	78.0	1	1
11	DBW455	N212	82.5	21	0	67.2	17	0	65.1	6	1	62.8	5	0	76.2	2	1
12	BRW3967	N213	86.7	15	1	55.4	32	0	43.8	35	0	66.0	2	1	69.5	6	0
13	RAUW107	N214	88.3	12	1	50.5	35	0	54.5	23	0	48.3	35	0	68.4	7	0
14	WH1331	N215	64.9	36	0	67.7	15	0	58.3	19	0	57.5	17	0	56.7	20	0
15	HD3479	N216	89.3	11	1	65.6	20	0	53.1	27	0	49.0	34	0	57.3	17	0
16	BRW3964	N217	81.3	25	0	55.4	31	0	49.8	30	0	49.2	33	0	44.7	34	0
17	BCW32	N218	87.7	13	1	59.5	28	0	56.7	21	0	55.8	24	0	47.0	28	0
18	PBW943	N219	85.8	17	1	72.6	6	1	66.1	5	1	60.2	12	0	58.9	14	0
19	PBW944	N220	72.1	35	0	75.1	2	1	61.7	13	0	57.1	19	0	48.0	25	0
20	NW8095	N221	81.7	24	0	51.6	34	0	47.8	32	0	56.1	21	0	61.9	10	0
21	DBW454	N222	82.4	22	0	70.1	10	1	57.9	20	0	60.4	11	0	61.1	11	0
22	DBW452	N223	78.3	29	0	56.0	29	0	47.6	33	0	58.5	14	0	57.2	18	0
23	BW20R105	N224	91.6	2	1	73.7	4	1	68.1	1	1	55.5	25	0	58.9	13	0
24	PBW941	N225	75.8	31	0	65.1	21	0	60.5	14	0	57.3	18	0	47.2	27	0
25	DBW451	N226	86.8	14	1	71.2	8	1	59.5	17	0	64.4	4	1	55.3	21	0
26	PBW942	N228	80.1	28	0	64.0	25	0	67.0	3	1	61.8	7	0	70.2	5	0
27	HD3480	N229	89.4	10	1	64.1	24	0	56.7	22	0	47.2	36	0	47.5	26	0
28	UP3143	N230	72.5	34	0	55.4	30	0	62.3	12	0	49.8	32	0	49.0	24	0
29	HD3478	N231	91.3	4	1	66.3	18	0	62.5	11	0	66.6	1	1	45.7	32	0
30	WH1330	N233	81.1	26	0	67.9	13	1	53.5	26	0	57.6	16	0	73.0	3	1
31	DBW453	N234	81.7	23	0	75.0	3	1	67.0	4	1	55.9	23	0	66.7	8	0
32	KRL2101	N235	74.1	32	0	68.4	11	1	47.9	31	0	61.0	9	0	46.5	30	0
33	NWS2124	N236	89.5	9	1	55.1	33	0	58.9	18	0	52.9	29	0	60.5	12	0
34	DBW187 (C)	N201	77.0	30	0	71.2	9	1	52.5	29	0	52.4	30	0	46.8	29	0
35	DBW222 (C)	N227	90.8	5	1	75.2	1	1	54.0	24	0	60.8	10	0	45.7	31	0
36	HD3086 (C)	N232	84.9	18	1	65.8	19	0	62.8	8	0	59.7	13	0	72.2	4	1
G.M.			83.6			64.9			57.4			57.2			56.6		
S.E.(M)			3.057			3.096			1.949			1.533			2.812		
C.D. (10%)			7.3			7.4			4.7			3.7			6.8		
C.V.			5.2			6.7			4.8			3.8			7.0		
D.O.S.(dd.mm.yy)			04.11.23			02.11.23			05.11.23			11.11.23			05.11.23		

No. of Trials : Proposed = 15 Conducted = 15
 Trial not conducted (00) = Nil
 Trials not reported (00) = Nil

2302-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ						NEPZ								
			Rajasthan			Rajasthan			U.P.			U.P.					
			Sriganganagar			Durgapura			Bulandshahr			Kanpur			Ayodhya		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HUW859	N202	83.5	18	0	67.9	11	0	64.4	18	1	56.3	11	0	49.0	14	0
2	JKW317	N203	90.1	11	1	72.2	5	0	66.4	13	1	53.2	19	0	45.5	21	0
3	K2304	N204	77.8	24	0	69.3	7	0	58.2	31	0	59.5	4	1	36.6	36	0
4	RAJ4587	N205	71.7	32	0	65.0	19	0	62.6	23	1	49.1	27	0	55.9	6	0
5	SVPWL22-10	N206	96.8	1	1	55.8	33	0	57.4	33	0	41.5	35	0	51.7	13	0
6	HP1982	N207	81.7	19	0	68.2	10	0	71.6	2	1	50.6	24	0	66.3	2	1
7	K2303	N208	75.3	28	0	63.0	25	0	71.4	3	1	61.1	3	1	54.2	7	0
8	UP3144	N209	69.8	34	0	58.7	28	0	59.1	28	0	52.3	22	0	53.8	9	0
9	PBW945	N210	87.3	13	0	65.4	15	0	63.4	19	1	47.4	30	0	38.5	35	0
10	NW8089	N211	93.5	5	1	66.7	13	0	58.4	30	0	48.7	29	0	43.1	27	0
11	DBW455	N212	78.7	23	0	65.2	18	0	67.3	10	1	53.1	20	0	52.4	12	0
12	BRW3967	N213	70.2	33	0	65.3	17	0	52.0	36	0	59.2	5	1	44.8	25	0
13	RAUW107	N214	96.1	2	1	77.7	2	0	70.1	5	1	57.2	7	0	49.0	14	0
14	WH1331	N215	76.3	27	0	69.2	8	0	57.4	32	0	46.8	31	0	41.8	30	0
15	HD3479	N216	84.8	17	0	57.7	29	0	66.7	12	1	44.2	33	0	41.3	32	0
16	BRW3964	N217	59.2	36	0	57.3	31	0	53.6	35	0	56.4	10	0	45.5	21	0
17	BCW32	N218	91.1	9	1	63.9	23	0	64.6	17	1	39.8	36	0	53.5	10	0
18	PBW943	N219	86.4	15	0	65.4	16	0	72.1	1	1	48.8	28	0	60.1	4	0
19	PBW944	N220	71.7	31	0	66.3	14	0	61.7	25	1	58.6	6	1	67.4	1	1
20	NW8095	N221	80.6	21	0	84.5	1	1	60.3	27	0	53.1	21	0	40.6	33	0
21	DBW454	N222	94.6	3	1	67.3	12	0	63.2	21	1	57.0	8	0	41.5	31	0
22	DBW452	N223	81.1	20	0	63.5	24	0	54.4	34	0	50.4	25	0	44.1	26	0
23	BW20R105	N224	93.4	6	1	74.1	3	0	63.3	20	1	51.6	23	0	40.3	34	0
24	PBW941	N225	74.5	29	0	73.1	4	0	66.9	11	1	56.1	12	0	53.1	11	0
25	DBW451	N226	85.0	16	0	62.0	26	0	65.4	14	1	54.7	16	0	45.1	23	0
26	PBW942	N228	77.5	25	0	68.7	9	0	67.5	9	1	55.4	15	0	62.5	3	1
27	HD3480	N229	91.6	8	1	64.3	21	0	68.5	7	1	56.7	9	0	54.2	7	0
28	UP3143	N230	92.2	7	1	55.5	35	0	63.1	22	1	53.6	17	0	47.2	18	0
29	HD3478	N231	93.9	4	1	61.8	27	0	65.1	16	1	64.4	1	1	59.4	5	0
30	WH1330	N233	90.8	10	1	63.9	22	0	67.9	8	1	55.5	14	0	47.6	17	0
31	DBW453	N234	79.7	22	0	55.0	36	0	58.5	29	0	50.1	26	0	49.0	14	0
32	KRL2101	N235	68.1	35	0	55.9	32	0	68.6	6	1	53.5	18	0	46.2	19	0
33	NWS2124	N236	73.1	30	0	55.5	34	0	65.2	15	1	55.8	13	0	42.7	29	0
34	DBW187 (C)	N201	76.8	26	0	64.8	20	0	62.5	24	1	43.9	34	0	45.1	23	0
35	DBW222 (C)	N227	86.9	14	0	71.5	6	0	60.6	26	1	45.0	32	0	45.8	20	0
36	HD3086 (C)	N232	88.7	12	1	57.5	30	0	70.1	4	1	61.4	2	1	43.1	27	0
G.M.			82.5			65.0			63.6			52.8			48.8		
S.E.(M)			3.421			1.374			4.837			2.421			2.783		
C.D. (10%)			8.3			3.3			11.7			5.8			6.7		
C.V.			5.9			3.0			10.8			6.5			8.1		
D.O.S.(dd.mm.yy)			07.11.23			06.11.23			10.11.23			11.11.23			14.11.23		

No. of Trials : Proposed = 15 Conducted = 15
 Trial not conducted (00) = Nil
 Trials not reported (00) = Nil

2302-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ														
			U.P.						Bihar			Jharkhand			W.Bengal		
			Varanasi			Prayagraj			Sabour			Ranchi			Kalyani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HUW859	N202	51.4	27	0	47.2	13	0	28.4	36	0	57.7	14	0	43.0	18	0
2	JKW317	N203	49.9	30	0	62.8	2	1	36.5	29	0	44.9	33	0	41.8	24	0
3	K2304	N204	76.4	1	1	50.8	7	0	57.5	6	1	50.4	25	0	47.4	7	0
4	RAJ4587	N205	48.6	32	0	34.3	35	0	39.4	26	0	45.9	31	0	47.8	5	0
5	SVPWL22-10	N206	58.3	15	0	44.0	19	0	40.7	25	0	63.3	5	1	34.3	36	0
6	HP1982	N207	63.9	9	0	55.8	4	0	38.6	27	0	55.7	18	0	37.6	33	0
7	K2303	N208	63.9	8	0	43.8	20	0	50.3	11	0	51.6	22	0	44.5	13	0
8	UP3144	N209	48.6	31	0	49.7	8	0	42.4	21	0	47.8	26	0	36.3	35	0
9	PBW945	N210	55.5	22	0	30.0	36	0	31.5	35	0	37.1	36	0	42.8	20	0
10	NW8089	N211	54.2	25	0	43.6	21	0	42.3	22	0	66.2	2	1	41.9	23	0
11	DBW455	N212	62.5	10	0	42.5	23	0	43.2	19	0	46.5	28	0	40.7	27	0
12	BRW3967	N213	55.5	21	0	46.8	14	0	44.4	17	0	59.6	9	0	44.6	12	0
13	RAUW107	N214	40.3	36	0	46.5	15	0	45.7	16	0	53.4	20	0	41.5	25	0
14	WH1331	N215	70.8	3	0	40.6	29	0	56.7	7	0	57.2	15	0	38.7	31	0
15	HD3479	N216	48.6	33	0	45.7	16	0	35.9	31	0	61.0	7	1	40.7	28	0
16	BRW3964	N217	45.8	35	0	41.6	25	0	47.3	15	0	46.9	27	0	36.6	34	0
17	BCW32	N218	69.4	6	0	59.6	3	1	57.8	5	1	58.7	11	0	49.3	4	0
18	PBW943	N219	51.4	28	0	42.6	22	0	42.8	20	0	50.7	24	0	42.5	21	0
19	PBW944	N220	55.5	22	0	49.4	9	0	54.0	9	0	52.8	21	0	53.4	1	1
20	NW8095	N221	55.5	22	0	45.1	17	0	36.0	30	0	59.1	10	0	47.2	8	0
21	DBW454	N222	63.9	7	0	47.2	12	0	40.8	24	0	61.9	6	1	47.6	6	0
22	DBW452	N223	58.4	14	0	54.7	5	0	58.7	3	1	68.5	1	1	46.8	9	0
23	BW20R105	N224	72.2	2	1	63.7	1	1	51.1	10	0	46.0	30	0	43.4	17	0
24	PBW941	N225	62.5	11	0	47.3	11	0	48.3	13	0	46.0	29	0	45.1	10	0
25	DBW451	N226	51.4	26	0	45.1	18	0	31.9	34	0	63.7	4	1	39.0	30	0
26	PBW942	N228	69.4	5	0	40.4	31	0	60.7	1	1	43.6	35	0	52.1	2	1
27	HD3480	N229	56.9	17	0	47.7	10	0	47.8	14	0	58.3	12	0	44.4	15	0
28	UP3143	N230	50.0	29	0	40.5	30	0	33.3	32	0	44.8	34	0	40.5	29	0
29	HD3478	N231	59.7	13	0	41.3	28	0	44.4	18	0	57.0	16	0	44.5	14	0
30	WH1330	N233	61.1	12	0	40.1	32	0	37.4	28	0	51.1	23	0	44.6	11	0
31	DBW453	N234	55.5	20	0	38.8	33	0	41.0	23	0	60.1	8	0	51.6	3	1
32	KRL2101	N235	47.2	34	0	37.3	34	0	32.6	33	0	58.1	13	0	41.3	26	0
33	NWS2124	N236	57.0	16	0	41.9	24	0	58.5	4	1	45.0	32	0	43.0	19	0
34	DBW187 (C)	N201	56.9	19	0	41.4	26	0	56.5	8	0	53.8	19	0	38.1	32	0
35	DBW222 (C)	N227	56.9	18	0	54.6	6	0	60.3	2	1	56.0	17	0	44.0	16	0
36	HD3086 (C)	N232	69.4	4	0	41.4	27	0	49.2	12	0	63.9	3	1	42.1	22	0
G.M.			57.6			45.7			45.1			54.0			43.3		
S.E.(M)			1.827			2.049			1.474			3.317			1.394		
C.D. (10%)			4.4			4.9			3.6			8.0			3.4		
C.V.			4.5			6.3			4.6			8.7			4.5		
D.O.S.(dd.mm.yy)			16.11.23			03.11.23			07.11.23			10.11.23			13.11.23		

No. of Trials : Proposed = 15
Trial not conducted (00) = Nil

Conducted = 15

2302-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2023-24
ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HUW859	N202	65.9	20	0	47.5	28	0	57.3	27	0
2	JKW317	N203	70.1	6	0	47.8	25	0	59.7	15	0
3	K2304	N204	65.4	23	0	54.1	5	1	60.1	14	0
4	RAJ4587	N205	57.0	35	0	45.9	31	0	51.8	35	0
5	SVPWL22-10	N206	65.9	19	0	47.7	26	0	57.4	24	0
6	HP1982	N207	67.6	16	0	52.6	9	0	60.6	9	0
7	K2303	N208	68.9	12	0	52.8	8	0	61.4	6	0
8	UP3144	N209	61.7	33	0	47.3	30	0	55.0	32	0
9	PBW945	N210	68.7	14	0	40.4	36	0	55.5	31	0
10	NW8089	N211	73.3	1	1	48.6	20	0	61.8	4	1
11	DBW455	N212	70.6	4	0	48.7	19	0	60.4	12	0
12	BRW3967	N213	63.6	28	0	50.7	15	0	57.6	23	0
13	RAUW107	N214	69.2	10	0	47.6	27	0	59.2	18	0
14	WH1331	N215	63.5	29	0	50.4	16	0	57.4	26	0
15	HD3479	N216	65.4	24	0	45.4	33	0	56.1	29	0
16	BRW3964	N217	56.3	36	0	45.7	32	0	51.4	36	0
17	BCW32	N218	65.8	21	0	55.4	2	1	61.0	8	0
18	PBW943	N219	70.9	3	1	48.4	21	0	60.4	11	0
19	PBW944	N220	64.2	26	0	55.8	1	1	60.3	13	0
20	NW8095	N221	65.6	22	0	48.1	23	0	57.4	25	0
21	DBW454	N222	69.6	7	0	51.4	13	0	61.1	7	0
22	DBW452	N223	62.1	32	0	54.5	4	1	58.5	22	0
23	BW20R105	N224	72.3	2	1	52.6	10	0	63.1	1	1
24	PBW941	N225	65.1	25	0	51.2	14	0	58.6	21	0
25	DBW451	N226	68.7	13	0	47.3	29	0	58.7	20	0
26	PBW942	N228	69.6	8	0	54.9	3	1	62.7	2	1
27	HD3480	N229	66.2	18	0	52.3	11	0	59.7	16	0
28	UP3143	N230	62.5	31	0	44.3	35	0	54.0	33	0
29	HD3478	N231	69.1	11	0	52.9	6	0	61.6	5	1
30	WH1330	N233	69.5	9	0	48.2	22	0	59.5	17	0
31	DBW453	N234	67.4	17	0	49.5	17	0	59.1	19	0
32	KRL2101	N235	61.3	34	0	45.2	34	0	53.8	34	0
33	NWS2124	N236	63.8	27	0	49.1	18	0	57.0	28	0
34	DBW187 (C)	N201	63.0	30	0	48.0	24	0	56.0	30	0
35	DBW222 (C)	N227	68.2	15	0	51.8	12	0	60.6	10	0
36	HD3086 (C)	N232	70.2	5	0	52.9	7	0	62.2	3	1
G.M.			66.3			49.6			58.6		
S.E.(M)			1.046			0.860			0.687		
C.D. (10%)			2.4			2.0			1.6		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-1B-IR-TS-TAS, 2023-24

SN	Variety	Code	Disease Reaction				Agronomic Characteristics							Grain Characteristics	
			YI	ACI	Br	ACI	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	TGW.R	TGW.M
1	HUW859	N202	10S	4.5	40S	10.0	86-118	104	134-158	151	99-117	107	15	28-42	35
2	JKW317	N203	20S	9.0	0	0.0	79-107	97	132-154	148	94-111	103	15	26-42	35
3	K2304	N204	5S	2.5	20S	5.0	76-109	100	129-155	147	99-120	110	25	38-54	46
4	RAJ4587	N205	10MS	3.0	0	1.3	65-114	92	135-153	147	80-109	94	15	32-53	45
5	SVPWL22-10	N206	10S	3.8	10S	2.5	82-115	102	133-156	149	96-126	112	30	36-48	44
6	HP1982	N207	5S	2.5	0	0.0	81-109	99	136-152	148	101-124	113	20	36-47	40
7	K2303	N208	10MS	4.0	20S	5.0	85-106	100	135-153	148	98-117	107	25	39-49	43
8	UP3144	N209	10S	3.0	20S	5.0	74-104	97	134-153	147	93-112	100	25	32-42	36
9	PBW945	N210	5MS	1.3	0	0.0	72-105	95	131-154	147	80-109	99	10	42-50	44
10	NW8089	N211	60S	19.0	0	0.0	76-102	94	133-154	147	95-109	100	10	40-50	43
11	DBW455	N212	10S	3.3	40S	10.0	75-104	99	131-161	150	100-113	106	20	35-54	44
12	BRW3967	N213	20S	8.0	0	0.0	81-106	97	133-154	148	91-113	104	30	32-48	41
13	RAUW107	N214	10MR	1.5	10S	2.5	69-108	96	130-153	146	97-115	104	30	36-46	42
14	WH1331	N215	10MS	2.3	0	0.3	72-107	97	131-153	146	96-116	108	25	38-47	43
15	HD3479	N216	15S	4.0	5S	1.3	64-104	91	136-153	147	94-111	104	25	33-48	38
16	BRW3964	N217	30MS	11.0	0	0.0	81-114	102	134-153	147	95-112	103	20	35-44	40
17	BCW32	N218	10MS	2.7	5S	1.3	82-110	102	134-156	149	93-113	105	25	32-43	38
18	PBW943	N219	0	0.0	10S	2.5	78-107	99	134-155	147	99-116	108	15	33-45	39
19	PBW944	N220	5MS	1.3	5S	1.3	72-108	98	130-154	147	94-114	106	20	37-49	42
20	NW8095	N221	20S	10.0	0	0.0	78-106	97	133-153	147	91-113	104	20	39-50	44
21	DBW454	N222	10S	3.8	20S	5.0	80-108	100	137-156	149	101-116	109	25	30-46	41
22	DBW452	N223	5S	2.5	10S	2.5	80-107	101	135-155	149	96-117	109	20	35-51	44
23	BW20R105	N224	40S	11.3	10MS	2.0	85-105	99	136-154	148	96-114	105	25	40-50	45
24	PBW941	N225	10S	3.0	0	0.0	88-112	104	136-159	151	103-127	112	25	30-45	38
25	DBW451	N226	10S	3.8	20S	5.0	83-109	102	134-156	150	89-110	100	25	24-41	34
26	PBW942	N228	10MR	1.0	5S	2.3	70-107	95	129-155	147	90-121	104	20	42-46	43
27	HD3480	N229	40S	11.5	0	0.0	76-108	100	131-153	147	92-112	105	25	25-42	36
28	UP3143	N230	20S	8.3	10S	2.5	81-111	103	138-156	149	90-112	97	25	31-41	37
29	HD3478	N231	10S	5.0	20S	5.0	81-107	100	134-156	148	97-125	110	20	29-43	36
30	WH1330	N233	20S	5.8	20S	5.0	68-103	96	130-155	147	93-113	104	20	38-47	43
31	DBW453	N234	20S	11.0	10S	2.5	88-112	103	139-155	150	102-111	106	10	31-45	38
32	KRL2101	N235	20MS	7.0	0	0.0	87-116	104	132-155	148	89-113	105	5	29-41	34
33	NWS2124	N236	5MS	1.3	20S	6.3	76-108	100	131-152	146	88-120	105	25	36-41	39
34	DBW187 (C)	N201	10S	3.5	5S	1.3	66-107	96	132-152	147	95-117	105	20	36-47	43
35	DBW222 (C)	N227	20S	9.0	0	0.0	78-107	99	135-158	148	97-118	110	30	35-44	40
36	HD3086 (C)	N232	20S	10.0	20S	7.8	79-107	97	132-153	147	93-112	103	25	38-44	39

1. Ancillary data from Delhi, Ludhiana, Durgapura, Gurdaspur, Hisar, Karnal, Bulandshar and Sriganaganagar.

2. Yellow rust data from Ludhiana, Gurdaspur, Hisar and Karnal; Brown rust data from Karnal, Gurdaspur, Hisar and Ludhiana.

3. Lodging data from Ludhiana, Hisar, Delhi and Karnal centres.

Individual Station Rust Data

North Western Plains Zone

NIVT-1B-IR-TS-TAS, 2023-24

SN	Variety	Code	Yellow Rust				Brown Rust			
			Ludhiana	Karnal	Gurdaspur	Hisar	Karnal	Gurdaspur	Ludhiana	Hisar
1	HUW859	N202	0	10S	10MS	0	40S	0	0	0
2	JKW317	N203	10MS	20S	10MS	0	0	0	0	0
3	K2304	N204	5MS	5S	tS	0	20S	0	0	0
4	RAJ4587	N205	5MS	10MS	0	0	0	0	0	5S
5	SVPWL22-10	N206	tS	10S	5MS	0	10S	0	0	0
6	HP1982	N207	5MS	5S	tMS	0	0	0	0	0
7	K2303	N208	10MS	0	10MS	0	20S	0	0	0
8	UP3144	N209	tS	10S	tS	0	20S	0	0	0
9	PBW945	N210	5MS	0	tS	0	0	0	0	0
10	NW8089	N211	tMS	60S	15S	0	0	0	0	0
11	DBW455	N212	5MR	10S	tS	0	40S	0	0	0
12	BRW3967	N213	10MS	20S	5MS	0	0	0	0	0
13	RAUW107	N214	tS	10MR	tS	0	10S	0	0	0
14	WH1331	N215	tS	0	10MS	0	0	0	tS	0
15	HD3479	N216	tS	0	15S	0	5S	0	0	0
16	BRW3964	N217	30MS	20S	0	0	0	0	0	0
17	BCW32	N218	tMS	5MR	10MS	0	5S	0	0	0
18	PBW943	N219	0	0	0	0	10S	0	0	0
19	PBW944	N220	tS	0	5MS	0	5S	0	0	0
20	NW8095	N221	15MS	20S	10MS	0	0	0	0	0
21	DBW454	N222	tS	10S	5MS	0	20S	0	0	0
22	DBW452	N223	tS	5S	5MS	0	10S	0	0	0
23	BW20R105	N224	tS	40S	5MS	0	0	10MS	0	0
24	PBW941	N225	tMS	10S	tS	0	0	0	0	0
25	DBW451	N226	tS	10S	5MS	0	20S	0	0	0
26	PBW942	N228	0	10MR	0	0	5S	0	5MS	0
27	HD3480	N229	tMS	40S	5S	0	0	0	0	0
28	UP3143	N230	10MS	20S	5S	0	10S	0	0	0
29	HD3478	N231	10MR	5S	tS	10S	20S	0	0	0
30	WH1330	N233	5MS	20S	tS	0	20S	0	0	0
31	DBW453	N234	10MR	20S	20S	0	10S	0	0	0
32	KRL2101	N235	5MS	10MS	20MS	0	0	0	0	0
33	NWS2124	N236	5MS	0	tS	0	20S	0	tS	5S
34	DBW187 (C)	N201	5MS	10S	0	0	5S	0	0	0
35	DBW222 (C)	N227	tS	10S	20S	5S	0	0	0	0
36	HD3086 (C)	N232	5S	20S	5S	10S	20S	0	tS	10S

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial : NIVT-1B-IR-TS-TAS, 2023-24

SN	Variety	Code	Disease Reaction	Agronomic Characteristics						Grain Characteristics	
			LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	HUW859	N202	35 (35)	78-100	89	120-143	131	83-106	95	34-46	37
2	JKW317	N203	57 (47)	74-89	82	115-135	125	86-106	93	38-52	35
3	K2304	N204	46 (36)	76-93	85	117-136	127	86-105	102	32-46	43
4	RAJ4587	N205	47 (47)	68-84	76	110-131	124	78-103	88	27-49	45
5	SVPWL22-10	N206	47 (46)	77-95	87	117-141	129	75-112	103	34-57	42
6	HP1982	N207	46 (36)	76-95	86	115-146	129	80-105	98	28-51	40
7	K2303	N208	57 (46)	77-93	85	117-135	126	89-111	100	35-51	42
8	UP3144	N209	57 (47)	75-94	85	115-141	128	90-112	92	33-45	34
9	PBW945	N210	57 (57)	74-89	81	112-138	124	93-105	94	33-51	43
10	NW8089	N211	57 (46)	69-92	79	112-140	124	87-100	94	35-53	39
11	DBW455	N212	47 (36)	74-96	84	113-143	126	82-94	95	33-51	41
12	BRW3967	N213	57 (46)	75-89	83	114-141	127	81-100	94	29-44	39
13	RAUW107	N214	36 (35)	76-95	85	115-146	128	88-99	94	33-46	38
14	WH1331	N215	47 (46)	74-96	82	116-140	125	79-100	99	32-52	40
15	HD3479	N216	68 (46)	64-80	74	107-132	121	90-106	97	38-49	38
16	BRW3964	N217	57 (46)	76-93	85	116-138	127	82-90	97	33-48	39
17	BCW32	N218	35 (24)	77-92	86	118-136	128	84-107	95	34-46	36
18	PBW943	N219	57 (46)	75-95	85	116-132	126	88-106	99	40-58	39
19	PBW944	N220	47 (36)	74-95	84	113-140	127	86-105	94	40-59	40
20	NW8095	N221	47 (36)	75-91	83	115-135	127	83-106	93	29-47	41
21	DBW454	N222	57 (36)	73-95	84	112-135	127	86-108	96	37-46	40
22	DBW452	N223	46 (35)	79-95	87	120-141	130	85-107	99	38-48	41
23	BW20R105	N224	57 (36)	75-92	83	115-140	126	86-93	94	28-43	42
24	PBW941	N225	35 (25)	83-98	89	125-143	132	82-107	103	32-45	38
25	DBW451	N226	57 (46)	76-96	86	116-141	129	85-104	92	38-52	36
26	PBW942	N228	58 (46)	72-94	82	113-138	126	80-93	97	33-47	42
27	HD3480	N229	57 (47)	77-92	84	118-135	126	89-100	94	32-47	36
28	UP3143	N230	68 (46)	78-96	88	119-139	130	81-105	85	36-47	36
29	HD3478	N231	47 (36)	80-96	87	120-145	131	71-99	107	34-48	38
30	WH1330	N233	46 (35)	73-90	81	114-136	125	86-104	97	33-49	39
31	DBW453	N234	57 (35)	81-95	88	122-141	131	89-110	95	28-47	41
32	KRL2101	N235	57 (46)	81-93	88	122-141	130	83-109	97	36-49	34
33	NWS2124	N236	57 (46)	75-91	83	116-134	125	79-103	95	35-45	41
34	DBW187 (C)	N201	57 (46)	76-92	84	116-134	127	84-95	99	34-50	42
35	DBW222 (C)	N227	46 (46)	79-95	84	120-141	128	89-103	96	35-51	40
36	HD3086 (C)	N232	47 (46)	72-90	80	112-132	123	95-116	92	39-54	40

1. Ancillary data from Kanpur, Ayodhya, Varanasi, Kalyani, Ranchi, Sabour and Prayagraj centres.

2. Leaf blight data from Ayodhya, Kalyani, Sabour and Varanasi.

Individual Station Leaf Blight data

North Eastern Plains Zone

NIVT-1B-IR-TS-TAS, 2023-24

SN	Variety	Code	Leaf Blight			
			Ayodhya	Kalyani	Sabour	Varanasi
1	HUW859	N202	35	25	24	35
2	JKW317	N203	35	47	57	57
3	K2304	N204	46	35	24	35
4	RAJ4587	N205	46	47	47	47
5	SVPWL22-10	N206	46	47	34	35
6	HP1982	N207	46	36	35	35
7	K2303	N208	46	57	24	46
8	UP3144	N209	35	47	57	57
9	PBW945	N210	57	35	57	57
10	NW8089	N211	57	57	34	35
11	DBW455	N212	46	47	24	35
12	BRW3967	N213	57	37	34	46
13	RAUW107	N214	35	36	34	35
14	WH1331	N215	35	47	35	47
15	HD3479	N216	46	25	46	68
16	BRW3964	N217	47	57	24	36
17	BCW32	N218	35	13	24	35
18	PBW943	N219	35	57	46	35
19	PBW944	N220	35	36	24	47
20	NW8095	N221	46	47	24	35
21	DBW454	N222	57	37	24	35
22	DBW452	N223	46	24	24	46
23	BW20R105	N224	57	26	24	46
24	PBW941	N225	25	24	24	35
25	DBW451	N226	46	35	35	57
26	PBW942	N228	58	36	34	35
27	HD3480	N229	57	48	46	35
28	UP3143	N230	47	25	35	68
29	HD3478	N231	47	36	24	46
30	WH1330	N233	35	35	46	35
31	DBW453	N234	35	24	34	57
32	KRL2101	N235	57	35	45	46
33	NWS2124	N236	57	35	46	35
34	DBW187 (C)	N201	35	57	35	35
35	DBW222 (C)	N227	46	36	35	46
36	HD3086 (C)	N232	35	46	46	47