

## 2101-NIVT-1A-IR-TS-TAS-NAT-ZONE, 2021-22

## 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	Yield	RK	G
1	HD3420	N101	65.6	21	0	56.3	20	0	54.6	15	1	52.3	35	0	58.4	25	0
2	KRL2002	N102	58.8	31	0	48.8	33	0	46.5	33	0	57.1	18	0	50.7	34	0
3	PBW883	N103	62.7	26	0	61.3	5	1	57.0	6	1	56.9	19	0	66.5	8	1
4	DBW383	N104	71.8	7	1	57.5	17	0	50.0	26	0	53.2	32	0	66.2	9	1
5	JAUW695	N105	46.3	35	0	58.8	13	0	55.0	13	1	57.2	16	0	63.4	12	0
6	PBW886	N106	70.5	11	1	57.0	18	0	57.2	4	1	57.9	15	0	69.7	3	1
7	HD3421	N107	71.6	8	1	55.0	25	0	56.5	9	1	60.9	9	0	61.7	17	0
8	DBW382	N108	70.8	10	1	55.6	22	0	56.8	7	1	55.2	22	0	58.3	26	0
9	UP3101	N109	61.8	28	0	60.8	6	1	56.0	11	1	55.4	21	0	62.8	14	0
10	NW8046	N110	69.9	14	1	55.1	24	0	54.7	14	1	53.6	30	0	63.8	11	0
11	UP3102	N112	67.7	17	0	59.3	9	0	48.0	31	0	64.1	6	0	66.1	10	1
12	RAJ4568	N113	61.3	29	0	50.6	31	0	40.2	35	0	59.1	12	0	53.2	33	0
13	HUW849	N115	72.3	6	1	59.9	7	0	50.9	22	0	62.0	7	0	56.6	28	0
14	WH1302	N116	65.9	19	0	50.7	30	0	50.3	23	0	68.4	1	1	55.4	32	0
15	BRW3921	N117	69.6	15	1	57.9	16	0	58.5	1	1	54.5	27	0	58.1	27	0
16	DBW379	N118	74.7	5	1	58.3	14	0	45.1	34	0	65.0	5	1	59.1	23	0
17	DBW380	N119	61.2	30	0	58.2	15	0	56.4	10	1	67.3	2	1	70.0	2	1
18	RVW4350	N120	57.7	33	0	51.3	29	0	52.9	18	1	53.5	31	0	56.4	30	0
19	K2101	N121	56.1	34	0	54.6	26	0	58.0	2	1	55.7	20	0	48.6	35	0
20	PBW884	N122	64.7	23	0	58.8	12	0	56.7	8	1	52.9	33	0	61.2	19	0
21	WH1303	N123	68.4	16	0	62.8	4	1	49.6	29	0	61.0	8	0	67.8	5	1
22	UBW16	N124	70.9	9	1	56.9	19	0	52.2	20	1	50.6	36	0	62.7	16	0
23	HD3419	N125	76.3	2	1	59.4	8	0	53.3	17	1	55.1	24	0	61.4	18	0
24	HP1974	N126	76.0	3	1	50.0	32	0	54.0	16	1	52.6	34	0	56.6	28	0
25	UP3103	N127	65.9	19	0	55.9	21	0	57.1	5	1	54.1	29	0	60.9	20	0
26	PBW885	N128	62.5	27	0	66.1	1	1	49.9	27	0	58.4	13	0	58.4	24	0
27	DBW381	N130	65.4	22	0	41.9	35	0	50.3	25	0	55.1	25	0	55.9	31	0
28	WH1301	N131	78.0	1	1	59.0	11	0	47.7	32	0	54.2	28	0	63.0	13	0
29	PBW882	N132	66.2	18	0	65.1	2	1	57.4	3	1	60.4	10	0	66.5	7	1
30	UP3104	N133	58.0	32	0	51.6	28	0	51.0	21	0	54.9	26	0	60.3	21	0
31	BW17R6045	N134	74.9	4	1	54.3	27	0	52.8	19	1	60.3	11	0	62.8	14	0
32	RAJ4567	N135	69.9	13	1	59.2	10	0	55.2	12	1	67.1	4	1	66.9	6	1
33	RAJ4566	N136	38.8	36	0	38.7	36	0	39.7	36	0	58.1	14	0	38.9	36	0
34	HD3086(C)	N111	63.2	25	0	48.7	34	0	50.3	24	0	57.2	17	0	60.3	22	0
35	DBW222(C)	N114	63.9	24	0	55.4	23	0	49.2	30	0	55.1	23	0	71.4	1	1
36	DBW187(C)	N129	70.4	12	1	63.0	3	1	49.7	28	0	67.3	3	1	69.1	4	1
G.M.			65.8			55.9			52.2			57.9			60.8		
S.E.(M)			3.674			2.606			2.699			1.676			3.136		
C.D. (10%)			8.8			6.2			6.5			4.0			7.5		
C.V.			7.9			6.6			7.3			4.1			7.3		
D.O.S(dd.mm.yy)			02.11.21			02.11.21			09.11.21			04.11.21			06.11.21		

No. of Trials : Proposed = 20

Conducted = 20

Trials not reported(07)=NWPZ: Jammu (LSM), Gwalior (LSM), Srigananagar (LSM)

NEPZ: Kalyani(RMT), Coochbehar(RMT), Sabour(LSM), Shillongani(LSM)

## 2101-NIVT-1A-IR-TS-TAS-NAT-ZONE, 2021-22

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ									NEPZ					
			UTK			U.P.						U.P.					
			Pantnagar			Bulandshahr			Modipuram			Kanpur			Ayodhya		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HD3420	N101	56.6	12	0	58.0	8	1	63.0	13	0	50.3	15	0	48.3	27	0
2	KRL2002	N102	59.1	10	0	48.6	33	0	40.8	35	0	44.8	31	0	63.5	2	1
3	PBW883	N103	63.4	6	1	57.3	12	1	56.4	25	0	55.6	9	1	47.9	28	0
4	DBW383	N104	67.7	1	1	52.2	29	0	58.0	21	0	52.3	12	0	64.6	1	1
5	JAUW695	N105	62.8	7	1	56.3	18	1	56.5	24	0	50.3	15	0	47.1	31	0
6	PBW886	N106	54.6	15	0	57.4	10	1	62.7	15	0	46.0	27	0	52.7	10	0
7	HD3421	N107	51.7	25	0	59.7	2	1	57.9	22	0	46.9	26	0	55.1	6	0
8	DBW382	N108	50.6	28	0	57.6	9	1	51.9	31	0	35.8	36	0	45.4	33	0
9	UP3101	N109	55.6	14	0	56.3	18	1	70.2	5	0	57.8	3	1	47.6	30	0
10	NW8046	N110	52.9	23	0	58.3	6	1	73.1	2	1	59.4	1	1	48.5	26	0
11	UP3102	N112	62.8	8	1	59.0	3	1	75.5	1	1	48.6	21	0	51.7	15	0
12	RAJ4568	N113	48.2	31	0	59.0	3	1	48.7	33	0	41.7	34	0	50.5	19	0
13	HUW849	N115	42.0	36	0	53.5	27	0	62.9	14	0	47.7	22	0	59.7	4	0
14	WH1302	N116	49.9	29	0	56.6	16	1	59.5	19	0	47.6	23	0	49.6	23	0
15	BRW3921	N117	53.7	20	0	56.9	13	1	55.8	26	0	47.0	24	0	53.2	8	0
16	DBW379	N118	51.4	27	0	49.0	32	0	52.8	30	0	46.0	27	0	54.3	7	0
17	DBW380	N119	67.6	2	1	53.8	25	0	54.4	29	0	59.0	2	1	53.2	9	0
18	RVW4350	N120	57.6	11	0	56.6	16	1	55.0	27	0	52.8	11	0	43.1	36	0
19	K2101	N121	54.2	17	0	48.6	33	0	47.2	34	0	52.1	13	0	50.9	17	0
20	PBW884	N122	53.4	21	0	55.6	21	1	65.5	9	0	49.0	20	0	55.1	5	0
21	WH1303	N123	53.2	22	0	50.0	31	0	60.1	18	0	56.6	7	1	49.6	22	0
22	UBW16	N124	54.0	18	0	54.5	24	1	62.2	16	0	53.3	10	0	51.2	16	0
23	HD3419	N125	53.8	19	0	47.0	36	0	65.3	10	0	46.0	27	0	61.9	3	1
24	HP1974	N126	54.3	16	0	54.9	23	1	71.3	3	1	51.6	14	0	52.6	11	0
25	UP3103	N127	49.2	30	0	57.4	11	1	59.2	20	0	47.0	24	0	49.7	21	0
26	PBW885	N128	66.5	5	1	58.5	5	1	64.1	12	0	57.6	6	1	45.0	35	0
27	DBW381	N130	46.8	32	0	47.9	35	0	56.9	23	0	49.7	18	0	52.1	13	0
28	WH1301	N131	67.4	4	1	56.7	15	1	60.5	17	0	57.8	3	1	45.3	34	0
29	PBW882	N132	43.8	34	0	55.8	20	1	66.2	8	0	40.1	35	0	50.4	20	0
30	UP3104	N133	55.9	13	0	53.5	28	0	54.8	28	0	46.0	27	0	52.0	14	0
31	BW17R6045	N134	51.7	25	0	58.3	6	1	71.1	4	1	42.0	33	0	49.3	25	0
32	RAJ4567	N135	52.6	24	0	56.9	13	1	67.3	7	0	49.7	18	0	46.8	32	0
33	RAJ4566	N136	43.7	35	0	59.7	1	1	38.0	36	0	43.2	32	0	47.7	29	0
34	HD3086(C)	N111	45.3	33	0	52.1	30	0	50.7	32	0	50.2	17	0	50.7	18	0
35	DBW222(C)	N114	67.6	3	1	55.2	22	1	68.2	6	0	57.8	3	1	52.3	12	0
36	DBW187(C)	N129	60.8	9	0	53.8	25	0	65.2	11	0	56.6	7	1	49.5	24	0
G.M.			55.1			55.1			59.7			49.9			51.3		
S.E.(M)			2.096			2.427			2.074			2.336			1.734		
C.D. (10%)			5.0			5.8			5.0			5.6			4.2		
C.V.			5.4			6.2			4.9			6.6			4.8		
D.O.S(dd.mm.yy)			12.11.21			13.11.21			12.11.21			12.11.21			08.11.21		

## 2101-NIVT-1A-IR-TS-TAS-NAT-ZONE, 2021-22

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ								
			U.P.			Bihar			Jharkhand		
			Varanasi			RPCAU,Pusa			Ranchi		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	HD3420	N101	53.4	21	0	51.1	15	0	37.6	34	0
2	KRL2002	N102	51.5	30	0	59.2	5	0	54.6	21	0
3	PBW883	N103	56.6	11	0	52.8	12	0	54.6	22	0
4	DBW383	N104	53.7	19	0	62.8	3	1	57.9	16	0
5	JAUW695	N105	60.4	5	0	49.2	18	0	61.9	7	0
6	PBW886	N106	55.9	14	0	46.5	28	0	59.1	12	0
7	HD3421	N107	52.5	25	0	46.4	29	0	56.4	17	0
8	DBW382	N108	55.5	15	0	55.2	8	0	65.6	2	1
9	UP3101	N109	51.8	28	0	48.3	20	0	34.8	36	0
10	NW8046	N110	53.1	23	0	52.9	11	0	52.1	28	0
11	UP3102	N112	56.3	12	0	58.6	6	0	50.4	30	0
12	RAJ4568	N113	57.0	10	0	46.9	26	0	58.8	14	0
13	HUW849	N115	53.1	22	0	50.8	16	0	55.7	18	0
14	WH1302	N116	51.4	31	0	43.9	34	0	52.7	25	0
15	BRW3921	N117	51.7	29	0	63.2	2	1	46.4	32	0
16	DBW379	N118	53.0	24	0	46.9	26	0	52.5	27	0
17	DBW380	N119	67.2	2	1	44.3	33	0	59.9	10	0
18	RVW4350	N120	56.1	13	0	59.4	4	0	42.6	33	0
19	K2101	N121	45.5	36	0	54.4	9	0	46.8	31	0
20	PBW884	N122	59.4	7	0	53.5	10	0	62.7	4	0
21	WH1303	N123	52.2	26	0	58.3	7	0	61.0	8	0
22	UBW16	N124	51.8	27	0	47.5	24	0	62.3	6	0
23	HD3419	N125	48.4	33	0	48.1	22	0	51.1	29	0
24	HP1974	N126	46.1	34	0	51.4	13	0	60.6	9	0
25	UP3103	N127	53.6	20	0	48.3	20	0	59.2	11	0
26	PBW885	N128	54.4	18	0	50.8	16	0	54.4	23	0
27	DBW381	N130	57.7	9	0	43.1	35	0	52.6	26	0
28	WH1301	N131	49.8	32	0	48.5	19	0	70.6	1	1
29	PBW882	N132	59.6	6	0	48.1	23	0	58.7	15	0
30	UP3104	N133	55.0	17	0	44.4	32	0	62.6	5	0
31	BW17R6045	N134	62.6	4	1	45.9	30	0	54.3	24	0
32	RAJ4567	N135	55.4	16	0	45.2	31	0	55.1	20	0
33	RAJ4566	N136	46.0	35	0	42.4	36	0	35.6	35	0
34	HD3086(C)	N111	68.3	1	1	51.2	14	0	63.1	3	0
35	DBW222(C)	N114	66.7	3	1	47.1	25	0	58.8	13	0
36	DBW187(C)	N129	58.9	8	0	65.4	1	1	55.7	19	0
G.M.			55.0			50.9			55.0		
S.E.(M)			3.244			1.826			2.589		
C.D. (10%)			7.8			4.4			6.3		
C.V.			8.3			5.1			6.7		
D.O.S(dd.mm.yy)			14.11.21			12.11.21			15.11.21		

## 2101-NIVT-1A-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	HD3420	N101	58.1	21	0	48.2	34	0	54.3	28	0
2	KRL2002	N102	51.3	35	0	54.7	8	0	52.6	32	0
3	PBW883	N103	60.2	12	0	53.5	11	0	57.6	8	0
4	DBW383	N104	59.6	14	0	58.3	1	1	59.1	5	1
5	JAUW695	N105	57.0	27	0	53.8	10	0	55.8	22	0
6	PBW886	N106	60.9	5	1	52.1	19	0	57.5	11	0
7	HD3421	N107	59.4	15	0	51.4	23	0	56.3	16	0
8	DBW382	N108	57.1	25	0	51.5	22	0	55.0	25	0
9	UP3101	N109	59.8	13	0	48.1	35	0	55.3	23	0
10	NW8046	N110	60.2	10	0	53.2	14	0	57.5	10	0
11	UP3102	N112	62.8	1	1	53.1	15	0	59.1	4	1
12	RAJ4568	N113	52.5	33	0	51.0	27	0	51.9	34	0
13	HUW849	N115	57.5	23	0	53.4	12	0	55.9	20	0
14	WH1302	N116	57.1	26	0	49.0	33	0	54.0	29	0
15	BRW3921	N117	58.1	20	0	52.3	18	0	55.9	21	0
16	DBW379	N118	56.9	28	0	50.5	30	0	54.5	27	0
17	DBW380	N119	61.1	4	1	56.7	3	1	59.4	2	1
18	RVW4350	N120	55.1	29	0	50.8	29	0	53.5	31	0
19	K2101	N121	52.9	32	0	50.0	32	0	51.8	35	0
20	PBW884	N122	58.6	19	0	55.9	6	1	57.6	9	0
21	WH1303	N123	59.1	16	0	55.5	7	0	57.7	7	0
22	UBW16	N124	58.0	22	0	53.2	13	0	56.2	18	0
23	HD3419	N125	58.9	17	0	51.1	25	0	55.9	19	0
24	HP1974	N126	58.7	18	0	52.5	17	0	56.3	17	0
25	UP3103	N127	57.5	24	0	51.6	21	0	55.2	24	0
26	PBW885	N128	60.6	9	0	52.5	16	0	57.5	13	0
27	DBW381	N130	52.5	34	0	51.0	26	0	52.0	33	0
28	WH1301	N131	60.8	6	1	54.4	9	0	58.3	6	0
29	PBW882	N132	60.2	11	0	51.4	24	0	56.8	15	0
30	UP3104	N133	55.0	30	0	52.0	20	0	53.8	30	0
31	BW17R6045	N134	60.8	7	1	50.8	28	0	56.9	14	0
32	RAJ4567	N135	61.9	3	1	50.4	31	0	57.5	12	0
33	RAJ4566	N136	44.4	36	0	43.0	36	0	43.9	36	0
34	HD3086(C)	N111	53.5	31	0	56.7	4	1	54.7	26	0
35	DBW222(C)	N114	60.8	8	1	56.5	5	1	59.1	3	1
36	DBW187(C)	N129	62.4	2	1	57.2	2	1	60.4	1	1
G.M.			57.8			52.4			55.7		
S.E.(M)			0.925			1.077			0.704		
C.D. (10%)			2.2			2.5			1.6		

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-1A-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	HD3420	N101	5S	2.9	20S	3.3	84-117	94	133-159	144	96-110	101	0	32-44	37
2	KRL2002	N102	10S	5.9	20MS	6.9	90-113	101	131-159	144	94-119	104	10	31-45	38
3	PBW883	N103	10S	3.0	30S	6.8	89-115	99	133-160	144	73-103	93	0	30-41	36
4	DBW383	N104	30S	10.0	60S	23.3	88-115	99	132-158	144	87-112	102	20	37-52	42
5	JAUW695	N105	30S	7.9	40S	21.7	90-112	104	134-159	144	88-112	99	10	23-39	32
6	PBW886	N106	5S	1.5	10S	1.7	89-116	98	132-159	145	84-110	101	20	32-40	37
7	HD3421	N107	40S	13.4	10S	5.0	89-113	104	131-160	146	91-123	108	5	30-42	36
8	DBW382	N108	30S	9.3	40S	18.3	88-114	102	132-159	146	99-109	104	5	26-40	34
9	UP3101	N109	40S	8.0	60S	15.2	89-115	99	135-157	144	84-117	105	20	33-46	39
10	NW8046	N110	20MS	4.7	5S	0.8	90-110	101	132-160	144	84-111	102	0	31-41	36
11	UP3102	N112	20S	4.5	10S	4.2	91-118	103	134-157	147	85-119	106	10	26-41	33
12	RAJ4568	N113	10S	3.6	20S	6.2	81-114	94	132-158	143	86-109	99	10	35-52	42
13	HUW849	N115	40S	10.7	20S	5.8	88-116	100	133-159	146	96-120	108	15	28-43	39
14	WH1302	N116	10MS	3.3	20S	6.3	88-113	99	131-157	143	95-113	104	15	33-44	38
15	BRW3921	N117	40S	10.7	20S	9.2	89-117	100	131-157	144	87-108	100	5	35-46	40
16	DBW379	N118	20S	7.1	20S	15.2	88-116	100	131-159	144	75-115	103	10	36-47	40
17	DBW380	N119	10MR	2.7	10S	2.7	90-118	101	132-160	145	85-117	105	15	30-47	39
18	RVW4350	N120	60S	29.1	40S	14.2	73-105	87	131-158	142	87-111	100	5	32-47	41
19	K2101	N121	20S	8.6	40S	29.2	88-115	104	131-161	145	97-110	103	5	27-37	31
20	PBW884	N122	tR	0.0	0	0.0	90-115	101	133-160	145	81-101	94	5	32-45	39
21	WH1303	N123	20S	5.0	10S	7.5	88-117	98	133-156	144	71-109	99	10	32-45	40
22	UBW16	N124	10S	2.3	30S	9.2	88-118	98	132-157	144	88-113	104	20	35-47	39
23	HD3419	N125	10R	2.3	10S	4.7	90-118	101	133-160	146	90-122	108	10	36-44	40
24	HP1974	N126	5S	0.7	5S	1.2	89-117	106	131-158	147	94-121	111	10	33-41	37
25	UP3103	N127	10S	4.1	20S	5.8	91-113	101	131-158	145	95-109	102	5	32-40	37
26	PBW885	N128	5MR	0.3	0	0.0	90-118	102	133-160	146	80-101	94	5	31-40	35
27	DBW381	N130	5S	1.3	5S	0.8	89-109	102	130-160	144	73-115	103	5	34-41	37
28	WH1301	N131	40S	20.9	15S	5.5	87-116	100	130-157	145	87-114	104	10	33-49	38
29	PBW882	N132	5S	3.0	20S	4.2	90-116	98	133-156	144	72-104	95	5	30-45	37
30	UP3104	N133	5S	1.6	10MS	2.2	84-118	96	134-160	147	81-114	106	5	30-38	35
31	BW17R6045	N134	20MS	4.3	10S	1.7	88-118	98	132-159	143	73-114	102	5	32-45	39
32	RAJ4567	N135	20S	7.9	60S	16.8	87-116	97	132-156	143	88-106	99	5	32-45	38
33	RAJ4566	N136	40S	6.3	0	0.0	74-105	87	131-158	142	82-103	92	5	37-49	42
34	HD3086 (C)	N111	20S	9.3	80S	30.8	89-114	97	132-156	144	75-107	98	0	33-46	38
35	DBW222 (C)	N114	60S	20.7	5MS	0.7	91-115	99	134-160	145	86-116	104	10	34-46	39
36	DBW187 (C)	N129	5S	3.4	20S	5.8	90-116	98	134-157	144	70-111	99	15	34-50	41

1. Ancillary data from Bulandshahr, Delhi, Jammu, Ludhiana, Gurdaspur, Hisar, Karnal, Gwalior, Sriganaganar and Pantnagar centres.

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

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

4. Lodging data from Delhi, Hisar, Gurdaspur, Gwalior and Bulandshahr centres.

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**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	HD3420	N101	5S	0	0	5S	5S	5S	0	0	0	20S	0	0	
2	KRL2002	N102	5S	10S	0	5S	10S	10S	tS	tR	20MS	15S	10S	0	0
3	PBW883	N103	5MS	0	10S	5MR	0	5S	0	0	30S	tS	10S	0	0
4	DBW383	N104	10MS	10S	0	20S	5MR	0	30S	20S	0	60S	20S	40S	0
5	JAUW695	N105	0	5S	30S	0	0	20S	0	10S	40S	20S	40S	20S	0
6	PBW886	N106	0	5S	0	tR	0	5S	0	0	0	0	10S	0	0
7	HD3421	N107	10S	20S	5MR	40S	5MR	20S	0	tR	10S	0	10S	10S	0
8	DBW382	N108	0	5S	0	20S	5S	5S	30S	10S	20S	10S	20S	40S	10S
9	UP3101	N109	5MR	5S	40S	10MR	0	5S	0	0	60S	tS	20S	10S	0
10	NW8046	N110	10S	5MR	0	20MS	5S	0	0	0	0	0	5S	0	0
11	UP3102	N112	tR	0	5MS	20S	5MR	5S	0	0	10S	5S	10S	0	0
12	RAJ4568	N113	5S	0	0	10S	0	10S	0	5S	tS	tS	20S	10S	0
13	HUW849	N115	5S	10S	10S	40S	5S	5S	0	5S	10S	0	20S	0	0
14	WH1302	N116	5S	0	10MS	10MS	5MR	0	0	5MR	10S	tS	5S	20S	0
15	BRW3921	N117	5S	10S	5S	40S	5S	10S	0	10S	10S	5S	20S	10S	0
16	DBW379	N118	5S	0	10S	20S	10S	5S	0	20MS	20S	10S	20S	20S	5S
17	DBW380	N119	5S	0	0	10MR	5S	5S	0	0	0	tS	10S	5S	0
18	RVW4350	N120	40S	40S	5MS	60S	40S	20S	0	0	20S	5S	40S	20S	0
19	K2101	N121	0	0	10S	20S	5S	5S	20S	20S	40S	30S	40S	40S	5S
20	PBW884	N122	0	0	0	tR	0	0	0	0	0	0	0	0	0
21	WH1303	N123	0	0	0	20S	5S	10S	0	10S	10S	10S	10S	5S	0
22	UBW16	N124	5S	5R	0	tR	0	0	10S	0	20S	30S	5S	0	0
23	HD3419	N125	5MS	5S	10R	5S	0	0	0	tR	10MS	10S	10S	0	0
24	HP1974	N126	0	5S	0	tR	0	0	0	0	5MR	0	0	5S	0
25	UP3103	N127	0	5S	10S	5MS	5S	5S	0	0	20S	0	10S	5S	0
26	PBW885	N128	0	0	0	tR	5MR	0	0	0	0	0	0	0	0
27	DBW381	N130	5MS	0	0	tR	5S	0	0	0	0	0	5S	0	0
28	WH1301	N131	5S	40S	10S	40S	10S	40S	tS	0	10MS	15S	0	0	10S
29	PBW882	N132	5S	0	5S	tR	5S	5S	tS	0	20S	0	5S	0	0
30	UP3104	N133	5MR	0	0	5MS	5S	0	0	0	10MS	0	5S	0	0
31	BW17R6045	N134	5S	0	0	20MS	0	5S	0	0	0	0	10S	0	0
32	RAJ4567	N135	5S	10S	0	20S	10S	10S	0	10S	60S	tS	20S	10S	0
33	RAJ4566	N136	0	0	0	40S	10MR	0	0	0	0	0	0	0	0
34	HD3086 (C)	N111	5S	0	0	20S	20S	10S	10S	20S	0	20S	80S	60S	5S
35	DBW222 (C)	N114	5S	60S	0	20S	20S	40S	0	0	5MS	0	0	0	0
36	DBW187 (C)	N129	5S	5S	0	5MS	5S	5S	0	0	10S	5S	20S	0	0

## Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: NIVT-1A-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	HD3420	N101	0	46(35)	58-87	72	112-132	125	76-102	87	0	38-48	43
2	KRL2002	N102	0	56(35)	70-94	83	116-136	128	89-103	98	10	40-50	46
3	PBW883	N103	0	56(46)	67-90	79	110-131	125	68-90	83	0	32-45	40
4	DBW383	N104	0	56(35)	70-92	79	114-137	127	92-104	96	0	42-53	49
5	JAUW695	N105	0	45(35)	80-96	90	114-143	130	82-100	91	0	32-45	40
6	PBW886	N106	0	46(34)	66-87	78	118-132	127	76-99	89	5	38-51	45
7	HD3421	N107	0	56(34)	78-93	88	122-140	129	80-102	96	0	34-49	45
8	DBW382	N108	0	56(35)	74-97	88	114-143	130	91-100	95	0	32-45	40
9	UP3101	N109	0	56(35)	68-92	79	108-137	126	89-103	96	0	30-52	41
10	NW8046	N110	0	56(46)	68-97	82	114-139	128	78-103	92	0	30-48	41
11	UP3102	N112	0	56(35)	63-94	80	112-139	128	88-106	97	10	32-52	41
12	RAJ4568	N113	0	56(45)	61-90	75	112-131	123	73-92	84	0	34-50	43
13	HUW849	N115	0	46(34)	71-92	80	120-136	130	90-107	99	0	40-50	45
14	WH1302	N116	0	46(35)	68-92	80	110-135	127	85-105	92	10	37-48	44
15	BRW3921	N117	0	45(35)	74-94	85	110-140	127	78-97	91	5	24-51	45
16	DBW379	N118	5S	46(35)	63-93	77	112-135	125	81-106	92	0	37-57	44
17	DBW380	N119	0	45(34)	70-93	82	110-139	128	92-104	96	0	36-49	43
18	RVW4350	N120	0	56(35)	57-84	72	114-128	124	87-100	93	0	36-49	45
19	K2101	N121	0	46(35)	79-98	90	120-143	131	88-104	95	0	28-50	40
20	PBW884	N122	0	45(35)	76-93	86	115-141	129	78-96	89	0	35-48	44
21	WH1303	N123	0	56(45)	66-94	79	112-131	125	82-96	90	0	36-48	43
22	UBW16	N124	0	56(35)	64-92	78	112-132	125	94-111	99	0	38-49	43
23	HD3419	N125	0	57(35)	68-93	80	120-132	127	82-103	95	30	37-50	44
24	HP1974	N126	0	56(34)	62-98	88	116-143	130	96-111	100	5	35-49	44
25	UP3103	N127	0	57(35)	72-97	83	112-138	127	82-97	93	0	34-50	42
26	PBW885	N128	0	45(34)	70-94	82	111-135	127	74-92	83	0	35-44	40
27	DBW381	N130	0	45(34)	75-99	87	120-142	129	87-99	95	0	38-49	43
28	WH1301	N131	0	46(35)	70-93	80	116-137	127	83-104	95	0	36-48	43
29	PBW882	N132	0	56(45)	67-91	80	112-137	126	81-92	87	0	33-50	43
30	UP3104	N133	0	56(45)	62-94	76	118-132	129	85-109	99	20	36-46	41
31	BW17R6045	N134	0	56(45)	72-93	82	112-140	127	88-99	95	5	38-50	44
32	RAJ4567	N135	0	56(45)	63-88	75	112-130	124	81-89	86	0	31-47	41
33	RAJ4566	N136	0	57(46)	58-86	71	114-130	124	71-89	80	10	30-48	43
34	HD3086 (C)	N111	0	57(46)	65-91	78	116-131	125	82-96.1	89	0	34-48	43
35	DBW222 (C)	N114	0	45(34)	71-92	82	122-140	129	89-102	95	0	34-50	44
36	DBW187 (C)	N129	0	46(35)	66-92	79	114-132	125	84-102	93	10	34-52	43

1. Ancillary data from Ayodhya, Kanpur, Varanasi, RPCAU-Pusa, Ranchi, Sabour, and Shillongani centres.
2. Leaf blight data from Ayodhya, Sabour, RPCAU-Pusa and Shillongani centres.
3. Brown rust data from Kanpur centres.
4. Lodging data from Varanasi and Shillongani centres.

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**Individual Station Disease Data**

SN	Variety	Code	Brown Rust	Leaf Blight				
			Kanpur	Ayodhya	Sabour	Shillongani	RPCAU-Pusa	
1	HD3420	N101	0	12	46	45	45	
2	KRL2002	N102	0	24	46	24	56	
3	PBW883	N103	0	36	46	35	45	
4	DBW383	N104	0	35	35	35	56	
5	JAUW695	N105	0	35	45	24	45	
6	PBW886	N106	0	12	45	46	34	
7	HD3421	N107	0	24	24	56	45	
8	DBW382	N108	0	24	35	24	45	
9	UP3101	N109	0	12	34	35	56	
10	NW8046	N110	0	46	56	46	45	
11	UP3102	N112	0	35	35	35	56	
12	RAJ4568	N113	0	36	56	45	45	
13	HUW849	N115	0	12	46	24	34	
14	WH1302	N116	0	12	46	46	45	
15	BRW3921	N117	0	24	23	45	45	
16	DBW379	N118	5S	24	46	46	34	
17	DBW380	N119	0	24	24	24	34	
18	RVW4350	N120	0	36	46	24	56	
19	K2101	N121	0	35	34	46	23	
20	PBW884	N122	0	35	24	45	34	
21	WH1303	N123	0	12	34	35	56	
22	UBW16	N124	0	12	46	46	56	
23	HD3419	N125	0	36	35	24	34	
24	HP1974	N126	0	35	23	35	34	
25	UP3103	N127	0	46	35	24	45	
26	PBW885	N128	0	12	35	45	45	
27	DBW381	N130	0	24	35	35	45	
28	WH1301	N131	0	12	46	46	34	
29	PBW882	N132	0	24	56	35	45	
30	UP3104	N133	0	35	35	45	56	
31	BW17R6045	N134	0	36	35	56	45	
32	RAJ4567	N135	0	36	56	35	34	
33	RAJ4566	N136	0	35	57	35	56	
34	HD3086 (C)	N111	0	35	56	57	45	
35	DBW222 (C)	N114	0	12	45	24	45	
36	DBW187 (C)	N129	0	35	46	24	45	