

2104-NIVT-3A-IR-LS-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	Yield	RK	G
1	DBW393	N401	59.2	16	0	52.8	9	1	33.1	33	0	40.4	21	0	56.8	17	0	47.4	14	0
2	K2107	N402	62.1	7	1	40.5	27	0	33.1	34	0	37.5	25	0	48.0	28	0	42.2	28	0
3	RAJ4574	N403	49.9	32	0	39.0	30	0	30.6	35	0	30.9	29	0	41.2	34	0	33.5	35	0
4	PBW895	N404	48.6	33	0	39.9	28	0	37.3	28	0	29.3	33	0	53.0	25	0	45.3	18	0
5	K2108	N406	59.0	17	0	53.8	6	1	50.6	6	1	41.0	19	0	65.7	4	1	56.2	1	1
6	AAI-W42	N407	58.3	22	0	53.3	8	1	50.8	5	1	37.4	26	0	53.3	22	0	43.2	23	0
7	DBW392	N408	59.5	14	0	45.0	23	0	50.3	8	1	38.2	23	0	66.1	3	1	46.3	16	0
8	PBW892	N409	58.8	19	0	53.8	5	1	52.9	3	1	52.5	3	1	54.9	18	0	48.7	9	0
9	HD3427	N410	64.7	4	1	49.9	14	0	46.8	13	0	47.3	9	0	63.7	6	1	46.9	15	0
10	UP3108	N411	54.7	30	0	43.2	25	0	44.8	16	0	36.5	27	0	44.5	32	0	47.4	13	0
11	DBW390	N412	62.0	8	1	46.9	18	0	46.2	14	0	45.7	12	0	57.2	16	0	53.6	3	1
12	PBW893	N413	57.7	24	0	55.8	2	1	50.9	4	1	47.9	7	0	63.6	7	1	42.3	26	0
13	UP3109	N414	61.7	10	0	45.0	22	0	48.8	9	1	44.3	14	0	58.3	14	0	46.2	17	0
14	UP3110	N415	62.0	9	1	54.7	4	1	47.4	10	0	46.3	10	0	61.1	9	0	33.3	36	0
15	DBW391	N416	62.7	6	1	49.9	15	0	39.3	25	0	51.2	4	1	58.2	15	0	37.9	30	0
16	HD3426	N417	65.7	3	1	38.6	32	0	54.3	1	1	47.7	8	0	47.2	30	0	42.3	27	0
17	BRW3923	N418	60.2	12	0	57.0	1	1	39.1	26	0	43.7	15	0	59.9	10	0	40.2	29	0
18	RAJ4572	N419	45.4	36	0	34.7	34	0	40.9	22	0	30.6	30	0	43.2	33	0	35.6	34	0
19	WH1309	N420	59.4	15	0	50.8	11	1	47.4	11	0	48.3	5	0	64.5	5	1	49.2	7	0
20	PBW894	N421	58.6	20	0	45.5	21	0	53.2	2	1	39.9	22	0	53.5	21	0	44.8	20	0
21	RAJ4573	N422	47.7	35	0	35.0	33	0	36.1	31	0	29.3	32	0	45.9	31	0	42.3	25	0
22	K2109	N423	56.6	27	0	33.3	35	0	23.6	36	0	28.7	34	0	33.3	35	0	50.9	5	0
23	WH1307	N424	54.8	29	0	41.7	26	0	50.4	7	1	31.6	28	0	53.3	23	0	48.6	10	0
24	HD3425	N426	67.4	1	1	55.3	3	1	47.4	12	0	53.8	2	1	59.5	11	0	54.5	2	1
25	HUW852	N427	60.1	13	0	39.3	29	0	38.8	27	0	42.1	18	0	49.3	27	0	52.5	4	1
26	JKW298	N428	58.9	18	0	38.8	31	0	41.4	21	0	43.6	16	0	53.1	24	0	37.2	31	0
27	WH1308	N429	63.9	5	1	53.3	7	1	40.6	23	0	43.2	17	0	59.5	12	0	48.5	11	0
28	NW8040	N430	57.7	23	0	46.2	19	0	42.9	19	0	29.3	31	0	58.9	13	0	36.9	32	0
29	DBW389	N431	56.8	26	0	50.2	13	0	42.9	18	0	45.5	13	0	66.6	2	1	45.1	19	0
30	HD3428	N432	66.1	2	1	52.2	10	1	42.9	17	0	54.3	1	1	68.0	1	1	44.7	21	0
31	PBW896	N433	48.4	34	0	50.5	12	0	40.1	24	0	26.0	36	0	54.0	20	0	36.8	33	0
32	NW8045	N436	53.5	31	0	43.5	24	0	34.0	32	0	40.8	20	0	51.5	26	0	44.1	22	0
33	HI1563(C)	N405	60.5	11	0	33.1	36	0	37.0	29	0	26.2	35	0	30.2	36	0	47.9	12	0
34	DBW107(C)	N425	58.6	21	0	48.3	17	0	42.3	20	0	38.1	24	0	54.5	19	0	49.5	6	0
35	HD3059(C)	N434	55.8	28	0	46.2	20	0	36.9	30	0	48.1	6	0	47.7	29	0	48.9	8	0
36	DBW173(C)	N435	57.6	25	0	48.9	16	0	45.5	15	0	46.0	11	0	63.0	8	0	43.0	24	0
G.M.			58.2			46.3			42.8			40.6			54.5			44.8		
S.E.(M)			2.337			2.609			2.331			1.910			2.015			1.697		
C.D. (10%)			5.6			6.3			5.6			4.6			4.9			4.1		
C.V.			5.7			8.0			7.7			6.6			5.2			5.4		
D.O.S.(dd.mm.yy)			15.12.21			10.12.21			10.12.21			10.12.21			14.12.21			14.12.21		

No. of Trials : Proposed = 19

Conducted = 19

Trials not reported (02) = NWPZ : Jammu (LSM)

NEPZ : Coochbehar (RMT)

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LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ						NEPZ											
			M.P.			U.P.			U.P.											
			Gwalior			Bulandshahr		Modipuram		Kanpur		Ayodhya		Varanasi						
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	DBW393	N401	57.1	2	1	47.7	4	1	52.1	12	0	45.7	8	1	45.1	2	1	57.1	14	0
2	K2107	N402	57.0	3	1	40.7	23	0	51.3	14	0	36.1	28	0	40.4	20	1	65.2	2	1
3	RAJ4574	N403	42.2	17	0	49.8	2	1	61.5	2	1	31.1	36	0	38.3	29	0	54.8	22	0
4	PBW895	N404	26.6	34	0	46.3	6	1	34.2	36	0	33.2	33	0	39.3	26	1	52.3	28	0
5	K2108	N406	42.1	18	0	50.6	1	1	61.3	3	1	39.2	21	0	40.6	18	1	56.8	17	0
6	AAI-W42	N407	38.9	28	0	38.9	30	0	47.7	29	0	42.6	10	0	42.8	11	1	50.5	30	0
7	DBW392	N408	43.1	13	0	40.2	25	0	56.0	8	0	36.8	25	0	38.1	30	0	56.6	18	0
8	PBW892	N409	55.5	4	0	39.4	28	0	62.6	1	1	49.0	3	1	42.8	10	1	50.1	31	0
9	HD3427	N410	37.6	29	0	42.3	16	0	40.7	33	0	46.5	7	1	41.5	16	1	57.2	13	0
10	UP3108	N411	44.2	12	0	40.1	27	0	47.5	30	0	36.5	26	0	40.1	23	1	40.3	36	0
11	DBW390	N412	41.8	19	0	39.4	28	0	50.1	22	0	49.2	2	1	43.3	9	1	52.7	24	0
12	PBW893	N413	36.3	30	0	49.5	3	1	50.2	21	0	40.5	17	0	42.3	12	1	55.4	21	0
13	UP3109	N414	39.8	22	0	44.8	9	0	50.0	23	0	39.4	20	0	46.6	1	1	61.9	5	1
14	UP3110	N415	43.1	14	0	45.6	7	0	57.4	6	0	40.3	18	0	44.3	5	1	52.7	25	0
15	DBW391	N416	22.5	36	0	44.0	11	0	50.7	16	0	46.7	6	1	43.4	8	1	60.3	7	1
16	HD3426	N417	39.5	25	0	43.2	13	0	60.0	5	1	32.2	35	0	40.4	19	1	44.2	35	0
17	BRW3923	N418	39.6	23	0	47.3	5	1	52.3	11	0	33.6	32	0	40.2	22	1	52.5	27	0
18	RAJ4572	N419	35.0	32	0	41.3	20	0	54.2	10	0	36.5	26	0	36.4	35	0	52.5	26	0
19	WH1309	N420	39.6	24	0	43.2	13	0	39.5	34	0	49.8	1	1	39.2	28	1	51.5	29	0
20	PBW894	N421	42.5	16	0	43.9	12	0	49.2	25	0	42.6	10	0	33.1	36	0	47.0	33	0
21	RAJ4573	N422	45.0	10	0	37.7	35	0	43.9	32	0	39.9	19	0	36.7	34	0	48.5	32	0
22	K2109	N423	39.4	26	0	41.2	21	0	55.7	9	0	38.8	23	0	43.6	7	1	58.1	11	0
23	WH1307	N424	26.0	35	0	42.1	17	0	50.7	17	0	34.7	31	0	37.5	32	0	55.7	20	0
24	HD3425	N426	62.3	1	1	40.7	23	0	51.6	13	0	42.4	12	0	39.8	25	1	60.6	6	1
25	HUW852	N427	34.8	33	0	42.0	18	0	37.5	35	0	41.9	14	0	39.2	27	1	59.0	9	0
26	JKW298	N428	49.6	8	0	38.1	34	0	60.3	4	1	39.2	21	0	44.1	6	1	59.6	8	0
27	WH1308	N429	39.3	27	0	41.4	19	0	48.1	27	0	48.8	4	1	41.6	15	1	62.5	3	1
28	NW8040	N430	44.3	11	0	38.2	33	0	50.5	19	0	47.3	5	1	45.0	4	1	62.0	4	1
29	DBW389	N431	51.9	7	0	42.4	15	0	48.8	26	0	33.0	34	0	40.0	24	1	54.6	23	0
30	HD3428	N432	40.5	21	0	38.7	31	0	48.0	28	0	41.1	15	0	36.8	33	0	57.1	15	0
31	PBW896	N433	35.9	31	0	41.0	22	0	44.8	31	0	35.3	30	0	42.2	13	1	45.8	34	0
32	NW8045	N436	55.2	6	0	40.2	25	0	56.2	7	0	35.7	29	0	37.6	31	0	56.8	16	0
33	HI1563(C)	N405	49.2	9	0	37.3	36	0	50.9	15	0	41.1	15	0	41.2	17	1	68.1	1	1
34	DBW107(C)	N425	55.4	5	0	44.1	10	0	50.6	18	0	44.9	9	1	40.4	21	1	55.8	19	0
35	HD3059(C)	N434	42.8	15	0	38.4	32	0	50.5	20	0	42.4	12	0	41.8	14	1	58.0	12	0
36	DBW173(C)	N435	40.7	20	0	45.0	8	0	49.9	24	0	37.6	24	0	45.1	3	1	58.5	10	0
G.M.			42.7			42.4			50.7			40.3			40.9			55.3		
S.E.(M)			2.465			1.966			1.196			2.252			3.181			3.362		
C.D. (10%)			6.0			4.7			2.9			5.4			7.7			8.1		
C.V.			8.2			6.6			3.3			7.9			11.0			8.6		
D.O.S.(dd.mm.yy)			05.12.21			14.12.21			14.12.21			14.12.21			12.12.21			09.12.21		

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LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ														
			Bihar						Jharkhand			W.Bengal			Assam		
			Sabour			RPCAU,Pusa			Ranchi			Kalyani			Shillongani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	DBW393	N401	41.0	5	0	49.8	6	1	48.6	32	0	47.8	6	0	58.7	14	0
2	K2107	N402	46.9	2	0	47.8	21	1	50.2	27	0	47.1	8	0	56.5	17	0
3	RAJ4574	N403	30.1	33	0	43.0	29	0	54.8	20	0	37.0	26	0	41.8	32	0
4	PBW895	N404	32.1	29	0	36.1	34	0	47.8	33	0	40.9	21	0	59.4	12	0
5	K2108	N406	35.0	21	0	48.4	15	1	54.8	20	0	43.2	14	0	55.9	18	0
6	AAI-W42	N407	31.6	30	0	48.0	19	1	50.2	27	0	37.0	26	0	44.1	31	0
7	DBW392	N408	37.4	14	0	46.1	25	0	60.2	13	0	41.7	17	0	60.7	8	0
8	PBW892	N409	27.9	34	0	43.4	28	0	62.5	8	1	48.6	5	0	51.6	23	0
9	HD3427	N410	37.6	12	0	49.4	8	1	68.7	1	1	57.1	1	1	55.4	19	0
10	UP3108	N411	24.0	36	0	41.5	32	0	58.6	15	0	33.2	34	0	47.5	27	0
11	DBW390	N412	37.3	15	0	48.8	12	1	64.0	7	1	42.4	15	0	62.7	3	0
12	PBW893	N413	53.9	1	1	48.2	17	1	45.5	34	0	41.7	17	0	59.8	10	0
13	UP3109	N414	38.4	9	0	49.2	9	1	66.4	4	1	44.0	13	0	68.3	1	1
14	UP3110	N415	33.2	27	0	46.3	24	0	61.0	11	0	47.1	8	0	67.4	2	1
15	DBW391	N416	43.5	3	0	48.1	18	1	44.0	36	0	53.2	3	1	58.3	16	0
16	HD3426	N417	36.5	18	0	47.3	23	0	58.6	15	0	37.8	25	0	44.4	30	0
17	BRW3923	N418	35.0	22	0	47.7	22	1	62.5	8	1	46.3	10	0	51.4	24	0
18	RAJ4572	N419	37.7	11	0	47.9	20	1	52.5	25	0	39.4	24	0	46.7	28	0
19	WH1309	N420	37.4	13	0	48.7	14	1	50.2	27	0	42.4	15	0	62.3	5	0
20	PBW894	N421	30.9	31	0	49.5	7	1	61.0	11	0	35.5	29	0	52.8	21	0
21	RAJ4573	N422	34.3	23	0	42.0	31	0	54.8	20	0	47.8	6	0	39.5	33	0
22	K2109	N423	30.6	32	0	42.3	30	0	67.9	2	1	44.8	12	0	52.1	22	0
23	WH1307	N424	24.6	35	0	41.5	32	0	51.7	26	0	35.5	29	0	37.4	35	0
24	HD3425	N426	36.4	20	0	33.0	36	0	57.9	17	0	35.5	29	0	58.6	15	0
25	HUW852	N427	39.3	8	0	45.7	26	0	53.2	24	0	40.1	22	0	61.2	6	0
26	JKW298	N428	36.8	17	0	48.8	12	1	55.6	19	0	40.1	22	0	46.6	29	0
27	WH1308	N429	32.7	28	0	45.3	27	0	66.4	4	1	49.4	4	0	61.0	7	0
28	NW8040	N430	33.5	25	0	48.9	10	1	49.4	30	0	27.8	36	0	50.0	26	0
29	DBW389	N431	39.3	7	0	48.4	15	1	54.0	23	0	41.7	17	0	60.7	9	0
30	HD3428	N432	37.2	16	0	52.0	1	1	67.1	3	1	35.5	29	0	58.9	13	0
31	PBW896	N433	36.5	19	0	36.0	35	0	44.8	35	0	31.6	35	0	31.1	36	0
32	NW8045	N436	33.4	26	0	50.2	4	1	61.7	10	1	41.7	17	0	50.4	25	0
33	HI1563(C)	N405	34.2	24	0	48.9	10	1	64.8	6	1	56.3	2	1	62.6	4	0
34	DBW107(C)	N425	43.0	4	0	50.2	4	1	57.1	18	0	37.0	26	0	59.6	11	0
35	HD3059(C)	N434	39.7	6	0	50.3	3	1	59.4	14	0	35.5	29	0	53.1	20	0
36	DBW173(C)	N435	37.7	10	0	50.8	2	1	49.4	30	0	45.5	11	0	37.6	34	0
G.M.			36.0			46.4			56.6			41.9			53.5		
S.E.(M)			2.378			1.864			3.130			3.224			1.542		
C.D. (10%)			5.7			4.5			7.5			7.7			3.7		
C.V.			9.3			5.7			7.8			10.9			4.1		
D.O.S.(dd.mm.yy)			14.12.21			07.12.21			12.12.21			10.12.21			11.12.21		

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ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	DBW393	N401	49.6	8	0	49.2	7	0	49.4	11	1
2	K2107	N402	45.8	25	0	48.8	9	0	47.2	18	0
3	RAJ4574	N403	42.0	30	0	41.4	33	0	41.7	33	0
4	PBW895	N404	40.0	36	0	42.6	32	0	41.3	35	0
5	K2108	N406	53.4	2	1	46.7	19	0	50.2	3	1
6	AAI-W42	N407	46.9	20	0	43.3	29	0	45.2	28	0
7	DBW392	N408	49.4	9	0	47.2	17	0	48.4	14	0
8	PBW892	N409	53.2	3	1	47.0	18	0	50.3	2	1
9	HD3427	N410	48.9	13	0	51.7	3	1	50.2	4	1
10	UP3108	N411	44.8	27	0	40.2	34	0	42.6	30	0
11	DBW390	N412	49.2	10	0	50.1	5	1	49.6	7	1
12	PBW893	N413	50.4	5	0	48.4	11	0	49.5	9	1
13	UP3109	N414	48.8	16	0	51.8	2	1	50.2	5	1
14	UP3110	N415	50.1	6	0	49.0	8	0	49.6	8	1
15	DBW391	N416	46.3	23	0	49.7	6	0	47.9	16	0
16	HD3426	N417	48.7	17	0	42.7	31	0	45.9	25	0
17	BRW3923	N418	48.8	15	0	46.1	22	0	47.6	17	0
18	RAJ4572	N419	40.1	35	0	43.7	28	0	41.8	32	0
19	WH1309	N420	49.1	11	0	47.7	13	0	48.4	13	0
20	PBW894	N421	47.9	19	0	44.0	27	0	46.1	24	0
21	RAJ4573	N422	40.3	33	0	42.9	30	0	41.6	34	0
22	K2109	N423	40.3	34	0	47.3	16	0	43.6	29	0
23	WH1307	N424	44.3	28	0	39.8	35	0	42.2	31	0
24	HD3425	N426	54.7	1	1	45.5	24	0	50.4	1	1
25	HUW852	N427	44.0	29	0	47.5	15	0	45.6	26	0
26	JKW298	N428	46.8	21	0	46.3	21	0	46.6	21	0
27	WH1308	N429	48.6	18	0	51.0	4	1	49.7	6	1
28	NW8040	N430	45.0	26	0	45.5	25	0	45.2	27	0
29	DBW389	N431	50.0	7	0	46.5	20	0	48.3	15	0
30	HD3428	N432	50.6	4	0	48.2	12	0	49.5	10	1
31	PBW896	N433	41.9	31	0	37.9	36	0	40.0	36	0
32	NW8045	N436	46.5	22	0	45.9	23	0	46.3	23	0
33	HI1563(C)	N405	41.4	32	0	52.2	1	1	46.5	22	0
34	DBW107(C)	N425	49.0	12	0	48.5	10	0	48.8	12	0
35	HD3059(C)	N434	46.1	24	0	47.5	14	0	46.8	20	0
36	DBW173(C)	N435	48.8	14	0	45.3	26	0	47.2	19	0
G.M.			47.0			46.4			46.7		
S.E.(M)			0.700			0.954			0.582		
C.D. (10%)			1.6			2.2			1.4		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial : NIVT 3A-IR-LS-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.M	TGW.R	TGW.M
1	DBW393	N401	20S	5.7	20S	4.0	75-89	83	114-132	123	79-100	88	0	34-39	37
2	K2107	N402	20S	5.0	10MS	1.6	75-90	82	112-134	124	86-109	97	0	30-37	35
3	RAJ4574	N403	40S	9.8	10S	2.0	76-90	82	110-135	122	79-102	88	0	26-34	30
4	PBW895	N404	5MR	0.3	0	0.0	74-91	84	113-131	123	77-98	85	10	27-33	30
5	K2108	N406	20S	7.8	tR	0.0	81-101	89	116-135	125	89-107	98	0	31-37	35
6	AAI-W42	N407	10S	2.7	5S	1.0	83-95	88	120-135	126	91-106	99	5	32-42	39
7	DBW392	N408	10S	4.3	10S	2.0	84-94	89	117-134	126	97-110	104	5	32-39	35
8	PBW892	N409	20S	5.5	0	0.0	83-90	86	114-134	124	85-110	95	0	28-37	34
9	HD3427	N410	20S	9.5	5S	1.8	84-92	86	119-135	125	87-108	96	0	30-42	38
10	UP3108	N411	10S	2.2	tR	0.0	84-96	90	122-135	127	88-107	97	0	25-33	30
11	DBW390	N412	10S	4.7	10S	4.2	77-84	82	113-131	122	87-107	100	5	32-40	37
12	PBW893	N413	5MR	0.7	0	0.0	84-91	87	116-132	125	70-98	84	0	29-36	33
13	UP3109	N414	10S	2.0	5S	1.2	75-87	82	111-132	122	80-104	93	0	32-39	36
14	UP3110	N415	10S	2.5	5S	2.0	83-94	88	120-134	127	80-106	95	10	34-43	39
15	DBW391	N416	40S	16.7	10S	2.8	74-86	81	112-132	122	87-103	93	0	32-37	35
16	HD3426	N417	5S	1.2	10S	3.0	87-96	91	123-135	129	95-108	101	15	25-43	33
17	BRW3923	N418	40S	13.3	0	0.0	83-95	89	121-135	127	75-108	94	0	33-39	37
18	RAJ4572	N419	20S	5.0	10S	2.0	76-87	81	112-132	123	86-102	91	5	34-40	37
19	WH1309	N420	10S	4.5	20MS	4.2	76-90	83	112-135	123	90-110	98	0	32-37	35
20	PBW894	N421	10S	2.5	5S	1.0	84-95	89	116-134	125	80-96	89	0	25-34	30
21	RAJ4573	N422	20S	9.7	20S	4.2	79-93	86	118-134	125	85-105	95	5	26-33	31
22	K2109	N423	80S	44.2	60S	13.6	85-94	88	119-133	126	82-108	95	0	23-37	30
23	WH1307	N424	5MR	0.4	5S	1.2	83-94	87	116-134	124	91-109	97	0	30-33	32
24	HD3425	N426	5S	1.2	10S	2.0	84-94	87	121-134	126	89-108	96	5	33-37	35
25	HUW852	N427	60S	22.3	10S	3.6	84-92	87	119-135	126	87-109	98	0	29-37	33
26	JKW298	N428	40S	11.7	5S	1.0	81-89	85	113-132	123	83-104	94	5	32-40	35
27	WH1308	N429	10S	3.7	10S	2.0	81-91	85	114-134	125	85-103	95	0	32-42	36
28	NW8040	N430	10S	4.5	5S	1.0	81-90	86	114-133	124	94-108	99	0	32-38	35
29	DBW389	N431	5S	3.0	20S	7.2	84-92	88	117-134	125	95-109	100	0	32-40	36
30	HD3428	N432	10S	4.0	5S	1.0	81-92	87	115-135	125	85-106	95	0	31-40	35
31	PBW896	N433	40S	9.3	10S	2.0	87-97	91	121-136	129	73-98	83	0	32-38	35
32	NW8045	N436	60S	33.3	5MS	0.8	82-91	86	114-132	124	89-102	96	10	22-34	30
33	HI1563(C)	N405	80S	47.3	0	0.0	75-88	82	116-130	124	78-105	92	20	22-35	30
34	DBW107(C)	N425	40S	13.3	40S	15.0	75-88	83	113-131	123	85-105	92	0	30-37	33
35	HD3059(C)	N434	40S	21.8	tS	0.2	83-92	86	119-134	126	78-104	93	10	30-37	35
36	DBW173(C)	N435	60S	12.8	10MS	1.6	83-93	87	114-134	125	94-107	100	0	32-39	35

1. Ancillary data from Bulandshahr, Gurdaspur, Hisar, Karnal, Ludhiana, Delhi and Pantnagar,.
2. Yellow rust data from Gurdaspur, Hisar, Karnal, Ludhiana, Pantnagar and Delhi. 3. Brown rust data from Gurdaspur, Ludhiana, Hisar, Delhi and Pantnagar.
4. Data on lodging from Bulandshahr, Gurdaspur and Hisar.

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North Western Plains Zone
Individual Station rust Data

SN	Variety	Code	Yellow Rust						Brown Rust					
			Gurdaspur	Karnal	Ludhiana	Delhi	Pantnagar	Hisar	Gurdaspur	Ludhiana	Delhi	Pantnagar	Hisar	
1	DBW393	N401	20S	10MR	10S	0	0	0	0	0	0	0	0	20S
2	K2107	N402	10S	0	20S	0	0	0	0	0	0	10MS	0	0
3	RAJ4574	N403	40S	10MR	10S	0	0	0	5S	0	0	0	0	10S
4	PBW895	N404	5MR	0	0	0	0	0	0	0	0	0	0	0
5	K2108	N406	20S	10S	10S	0	5S	5MR	0	0	0	0	0	tR
6	AAI-W42	N407	10S	tR	5S	0	tS	0	0	0	0	0	0	5S
7	DBW392	N408	10S	10MR	10S	5MS	0	0	0	0	0	0	0	0
8	PBW892	N409	20S	10S	5MR	0	0	0	5MR	0	0	0	0	0
9	HD3427	N410	20S	20S	10S	5S	0	0	5MR	0	5S	5MS	0	0
10	UP3108	N411	10S	0	0	tS	0	0	5MR	0	0	0	0	tR
11	DBW390	N412	10S	5MR	10S	tS	0	0	5S	10S	5S	tS	0	5S
12	PBW893	N413	0	5MR	0	0	0	0	5MR	0	0	0	0	0
13	UP3109	N414	10S	5MR	0	0	0	0	0	0	0	tMS	0	5S
14	UP3110	N415	5S	0	10S	0	0	0	0	5S	0	0	0	5S
15	DBW391	N416	40S	40S	10S	10S	0	0	0	0	0	5MS	0	10S
16	HD3426	N417	5S	0	0	0	0	0	5MR	5S	0	0	0	10S
17	BRW3923	N418	40S	20MS	20S	0	0	0	10MR	0	0	0	0	0
18	RAJ4572	N419	20S	10MS	5MR	0	0	0	0	0	0	0	0	10S
19	WH1309	N420	5S	5MR	10S	0	0	0	10S	0	0	20MS	0	5S
20	PBW894	N421	5S	10S	0	0	0	0	0	0	0	5S	0	0
21	RAJ4573	N422	20S	5S	20S	10MS	0	0	5S	0	0	0	tS	20S
22	K2109	N423	60S	80S	60S	0	5S	60S	0	60S	0	10MS	0	0
23	WH1307	N424	0	tR	0	0	0	0	5MR	0	0	tMS	0	5S
24	HD3425	N426	5S	0	5MR	0	0	0	0	0	0	0	0	10S
25	HUW852	N427	60S	40S	20S	5MS	0	0	10S	0	0	10MS	0	10S
26	JKW298	N428	40S	20S	0	0	0	0	10S	0	0	0	0	5S
27	WH1308	N429	10S	5MR	10S	0	0	0	0	0	0	0	0	10S
28	NW8040	N430	10S	5MR	10S	0	0	0	5S	0	0	0	0	5S
29	DBW389	N431	5S	5MR	5MR	0	5MS	5S	0	0	0	20MS	0	20S
30	HD3428	N432	10S	10S	0	5MS	0	0	0	0	5S	0	0	0
31	PBW896	N433	10S	40S	5MS	0	0	0	5MR	0	0	0	0	10S
32	NW8045	N436	60S	60S	40S	0	0	0	40S	0	0	5MS	0	0
33	HI1563(C)	N405	60S	80S	60S	30MS	0	0	60S	0	0	0	0	0
34	DBW107(C)	N425	40S	10S	20S	0	0	0	10S	0	10S	20S	5S	40S
35	HD3059(C)	N434	40S	40S	40S	TS	0	0	10S	0	0	tS	0	0
36	DBW173(C)	N435	10S	60S	5MR	0	0	0	5S	0	0	10MS	0	0

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial : NIVT 3A-IR-LS-TAS, 2021-22

SN	Variety	Code	Disease Reaction		Agronomic Characteristics							
			Br	Leaf blight HS(Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	DBW393	N401	tR	57(35)	56-74	65	95-122	105	83-94	88	39-51	44
2	K2107	N402	0	57(34)	52-74	63	95-125	105	83-100	92	38-46	43
3	RAJ4574	N403	0	57(45)	54-75	64	96-128	107	80-91	85	35-48	41
4	PBW895	N404	0	56(34)	60-77	67	95-129	106	78-96	85	31-44	38
5	K2108	N406	0	45(34)	66-82	73	96-127	109	94-103	98	36-44	40
6	AAI-W42	N407	0	67(24)	64-83	73	98-125	110	93-104	98	40-48	43
7	DBW392	N408	0	56(34)	68-83	75	99-129	109	90-106	101	34-48	40
8	PBW892	N409	0	45(24)	69-80	74	98-128	108	94-100	96	37-46	42
9	HD3427	N410	0	34(23)	66-80	72	98-131	109	91-100	96	38-47	44
10	UP3108	N411	0	34(24)	67-85	76	98-128	111	90-101	96	31-46	38
11	DBW390	N412	0	46(34)	66-76	72	98-126	107	87-101	96	35-46	42
12	PBW893	N413	0	45(24)	67-81	72	98-128	110	82-93	87	32-47	39
13	UP3109	N414	0	56(24)	60-78	69	97-126	106	87-100	95	35-50	45
14	UP3110	N415	0	34(13)	68-84	77	105-129	113	84-97	93	37-50	44
15	DBW391	N416	0	57(34)	58-72	66	97-125	107	95-102	97	40-53	46
16	HD3426	N417	0	56(24)	73-87	81	99-130	114	92-107	100	32-48	40
17	BRW3923	N418	0	45(23)	67-84	75	100-131	111	86-99	94	35-45	40
18	RAJ4572	N419	0	56(35)	58-73	65	95-124	107	85-97	91	37-56	45
19	WH1309	N420	0	57(35)	60-76	67	97-126	106	9-100	83	34-48	44
20	PBW894	N421	0	56(35)	68-83	77	101-130	112	81-93	88	30-45	37
21	RAJ4573	N422	0	45(34)	64-81	72	96-128	109	88-103	95	32-44	37
22	K2109	N423	0	45(23)	70-83	76	96-130	110	95-103	99	30-44	38
23	WH1307	N424	0	46(35)	68-82	75	98-131	110	84-102	95	35-44	40
24	HD3425	N426	0	46(24)	64-83	75	98-131	110	90-101	97	32-46	41
25	HUW852	N427	0	45(23)	68-81	74	96-128	107	85-103	99	35-49	42
26	JKW298	N428	0	57(35)	64-81	71	98-125	108	83-99	93	35-46	39
27	WH1308	N429	0	36(24)	68.5-83	74	98-130	107	84-103	96	31-47	40
28	NW8040	N430	0	56(35)	62-83	72	100-131	109	90-102	96	35-44	40
29	DBW389	N431	tR	57(45)	68-80	73	98-129	109	77-100	94	37-48	43
30	HD3428	N432	0	45(24)	64-81	72	100-125	109	81-100	94	34-50	42
31	PBW896	N433	0	45(24)	68-83	77	106-130	114	78-105	88	34-48	41
32	NW8045	N436	0	57(34)	70-83	75	98-126	108	91-100	97	34-42	38
33	HI1563(C)	N405	tR	46(35)	58-75	65	99-122	107	91-102	97	35-45	40
34	DBW107(C)	N425	0	56(24)	63-77	69	98-125	108	84-97	91	37-47	42
35	HD3059(C)	N434	0	45(24)	66-80	73	100-129	109	80-99	93	31-45	39
36	DBW173(C)	N435	0	56(34)	66-82	73	101-128	110	90-102	96	35-46	40

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

2. Brown rust data from Kanpur. 3. Leaf blight data from Ayodhya, Kalyani, RPCAU-Pusa, Sabour and Shillongani.

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North Eastern Plains Zone
Individual Station Leaf Blight Data

SN	Variety	Code	Leaf Blight data				
			Ayodhya	Kalyani	RPCAU Pusa	Sabour	Shillongani
1	DBW393	N401	24	57	45	12	35
2.	K2107	N402	12	57	45	12	24
3.	RAJ4574	N403	12	57	56	34	46
4.	PBW895	N404	24	56	34	12	35
5.	K2108	N406	35	35	45	12	35
6.	AAI-W42	N407	12	35	67	12	12
7	DBW392	N408	12	56	56	12	35
8	PBW892	N409	24	25	45	12	12
9	HD3427	N410	24	12	34	12	12
10	UP3108	N411	12	24	34	24	24
11	DBW390	N412	46	35	45	12	24
12	PBW893	N413	35	13	45	24	12
13	UP3109	N414	36	24	56	12	12
14	UP3110	N415	12	13	34	12	12
15	DBW391	N416	34	57	34	12	35
16	HD3426	N417	34	24	56	12	12
17	BRW3923	N418	36	12	45	12	12
18	RAJ4572	N419	24	56	34	24	46
19	WH1309	N420	36	57	34	12	35
20	PBW894	N421	35	24	56	24	24
21	RAJ4573	N422	35	23	45	24	24
22	K2109	N423	12	34	45	24	12
23	WH1307	N424	35	46	34	24	24
24	HD3425	N426	12	46	34	24	12
25	HUW852	N427	12	45	23	12	12
26	JKW298	N428	35	57	45	12	46
27	WH1308	N429	36	24	34	12	24
28	NW8040	N430	36	56	56	24	24
29	DBW389	N431	46	57	56	12	35
30	HD3428	N432	12	45	23	24	24
31	PBW896	N433	24	13	45	36	12
32	NW8045	N436	34	57	34	24	12
33	HI1563(C)	N405	36	46	45	24	24
34	DBW107(C)	N425	12	24	56	24	24
35	HD3059(C)	N434	24	35	45	12	24
36	DBW173(C)	N435	12	35	56	12	46