

## 2002-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2020-21

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ																	
			Delhi			J&K			Punjab				Haryana							
			Delhi			Jammu			Ludhiana		Gurdaspur		Hisar		Karnal					
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	KRL1912	N201	56.9	31	0	49.3	35	0	61.8	18	0	56.9	12	1	53.9	31	0	53.0	31	0
2	K2005	N202	52.4	34	0	63.4	13	0	49.7	36	0	52.1	23	0	57.6	27	0	42.3	36	0
3	DBW347	N203	63.6	18	0	57.1	24	0	58.7	27	0	54.8	16	0	66.6	10	0	56.4	26	0
4	RAJ4559	N204	58.7	29	0	58.3	21	0	72.1	4	1	51.5	26	0	68.0	6	0	53.5	30	0
5	NW8017	N205	64.7	14	0	54.2	29	0	59.0	26	0	58.1	8	1	52.6	33	0	64.5	10	1
6	TAW119	N206	56.4	32	0	53.8	31	0	63.2	11	0	58.0	9	1	54.8	29	0	58.9	19	0
7	NW8013	N208	77.4	1	1	71.0	5	1	60.7	24	0	54.9	15	0	53.7	32	0	64.6	9	1
8	K2003	N209	58.9	28	0	62.9	14	0	55.1	32	0	52.0	25	0	58.0	26	0	50.5	35	0
9	UP3084	N210	70.6	5	1	58.4	19	0	61.7	21	0	55.0	14	0	54.1	30	0	62.4	16	0
10	DBW349	N211	63.3	19	0	59.0	17	0	61.8	18	0	53.0	20	0	66.9	9	0	57.6	20	0
11	WH1295	N212	52.1	35	0	55.1	28	0	62.1	15	0	48.8	30	0	62.7	18	0	63.1	12	0
12	PBW856	N213	62.7	20	0	66.6	8	0	74.3	2	1	59.0	7	1	64.4	13	0	65.5	8	1
13	NW8019	N214	73.3	2	1	61.2	15	0	74.1	3	1	61.3	1	1	67.3	7	0	67.3	5	1
14	HD3390	N215	71.4	3	1	66.8	7	0	62.3	14	0	54.2	17	0	69.5	3	0	55.1	27	0
15	PBW854	N216	58.4	30	0	71.3	4	1	61.8	20	0	59.0	6	1	63.5	16	0	60.8	17	0
16	WH1296	N217	67.9	10	0	57.2	23	0	69.0	7	1	57.3	11	1	63.0	17	0	57.0	24	0
17	JKW287	N218	68.5	8	1	64.7	11	0	61.9	17	0	49.0	29	0	59.8	24	0	66.7	6	1
18	RAJ4558	N220	47.5	36	0	55.7	27	0	50.2	35	0	49.5	28	0	46.5	36	0	57.3	23	0
19	PBW855	N221	70.0	6	1	84.3	1	1	70.3	6	1	59.0	5	1	72.8	2	1	59.1	18	0
20	HD3417	N223	59.6	25	0	58.5	18	0	68.3	8	1	45.9	33	0	64.1	15	0	53.8	28	0
21	HD3391	N224	63.7	17	0	52.0	33	0	62.0	16	0	56.7	13	1	65.8	11	0	63.1	13	0
22	DBW348	N225	70.7	4	1	64.4	12	0	68.3	9	1	52.6	21	0	61.8	19	0	57.6	21	0
23	BRW3902	N226	70.0	7	1	51.0	34	0	60.6	25	0	59.5	4	1	60.7	22	0	66.0	7	1
24	JKW282	N227	59.5	26	0	65.6	9	0	68.0	10	1	52.0	24	0	48.6	35	0	57.0	25	0
25	HUW845	N228	60.5	23	0	55.7	26	0	71.0	5	1	52.3	22	0	68.7	4	0	51.8	33	0
26	DBW350	N229	61.7	22	0	54.1	30	0	57.6	30	0	49.7	27	0	49.0	34	0	51.0	34	0
27	BRW3895	N231	67.1	11	0	55.8	25	0	62.6	12	0	47.5	31	0	60.8	21	0	62.6	15	0
28	AAI-W70	N232	62.0	21	0	44.7	36	0	57.8	29	0	45.0	35	0	57.0	28	0	63.1	11	0
29	HD3416	N233	68.2	9	0	76.7	2	1	51.9	33	0	47.4	32	0	61.1	20	0	57.4	22	0
30	UP3085	N234	64.5	16	0	65.3	10	0	61.3	23	0	57.8	10	1	66.9	8	0	72.8	2	1
31	HUW846	N235	58.9	27	0	58.3	20	0	55.7	31	0	60.4	3	1	60.3	23	0	69.2	3	1
32	K2004	N236	54.0	33	0	60.9	16	0	62.3	13	0	45.6	34	0	68.3	5	0	67.8	4	1
33	DBW222 (C)	N207	66.8	12	0	53.5	32	0	74.4	1	1	60.8	2	1	64.3	14	0	74.0	1	1
34	HD2967 (C)	N219	60.1	24	0	74.3	3	1	51.3	34	0	33.5	36	0	58.7	25	0	52.3	32	0
35	DBW187 (C)	N222	65.8	13	0	68.1	6	0	58.2	28	0	53.3	19	0	76.5	1	1	62.7	14	0
36	HD3086 (C)	N230	64.6	15	0	57.6	22	0	61.6	22	0	54.1	18	0	65.2	12	0	53.6	29	0
G.M.			63.1			60.7			62.3			53.3			61.5			59.8		
S.E.(M)			3.747			6.117			3.771			2.250			2.778			4.446		
C.D. (10%)			9.1			14.8			9.0			5.4			6.7			10.7		
C.V.			8.4			14.2			8.6			6.0			6.4			10.5		
D.O.S.(dd.mm.yy)			10.11.20			10.11.20			07.11.20			05.11.20			06.11.20			01.11.20		

No. of Trials : Proposed = 20 Conducted = 20  
 Trials not reported (02) = Varanasi (LSM), Shillongani (LSM)

## 2002-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2020-21

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ									NEPZ								
			UTK			Rajasthan			U.P.			U.P.								
			Pantnagar			Durgapura			Sriganganagar			Bulandshahr			Modipuram			Kanpur		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	KRL1912	N201	53.1	26	0	54.2	21	0	41.0	32	0	48.8	33	0	50.0	20	0	50.3	21	0
2	K2005	N202	55.5	25	0	37.0	36	0	50.9	10	1	52.0	27	0	57.1	11	0	62.0	1	1
3	DBW347	N203	59.3	19	0	56.3	18	0	37.4	36	0	58.4	15	0	42.4	34	0	51.4	14	0
4	RAJ4559	N204	69.5	2	1	63.0	8	1	41.7	30	0	51.2	28	0	59.0	10	0	57.8	4	1
5	NW8017	N205	62.9	10	0	59.9	11	0	52.1	9	1	52.9	25	0	46.6	28	0	50.0	24	0
6	TAW119	N206	52.8	28	0	59.4	12	0	43.1	27	0	59.1	11	1	43.0	32	0	54.9	8	0
7	NW8013	N208	72.3	1	1	65.6	3	1	44.4	24	0	57.7	17	0	55.7	13	0	50.5	20	0
8	K2003	N209	58.2	20	0	50.5	28	0	41.7	30	0	49.2	32	0	43.6	31	0	34.4	36	0
9	UP3084	N210	63.5	8	0	55.2	19	0	50.0	11	0	59.1	10	1	59.1	9	0	47.9	28	0
10	DBW349	N211	58.0	22	0	53.6	23	0	44.4	24	0	61.2	6	1	42.6	33	0	51.2	16	0
11	WH1295	N212	66.9	5	0	51.0	27	0	50.0	11	0	54.3	22	0	48.2	24	0	50.9	17	0
12	PBW856	N213	64.6	7	0	64.1	4	1	56.3	2	1	59.6	9	1	50.3	19	0	45.3	32	0
13	NW8019	N214	58.0	21	0	47.9	32	0	43.1	27	0	64.4	1	1	49.2	21	0	57.8	4	1
14	HD3390	N215	56.4	24	0	59.4	12	0	55.6	3	1	62.5	3	1	59.6	7	0	53.6	11	0
15	PBW854	N216	60.9	14	0	57.3	17	0	54.9	7	1	55.6	21	0	62.6	5	0	53.0	13	0
16	WH1296	N217	62.2	11	0	53.6	23	0	47.2	20	0	57.1	19	0	47.4	26	0	50.9	17	0
17	JKW287	N218	51.5	29	0	62.5	9	1	48.7	15	0	47.8	35	0	46.5	29	0	51.4	14	0
18	RAJ4558	N220	51.0	31	0	48.4	31	0	40.2	34	0	45.9	36	0	40.6	35	0	46.9	30	0
19	PBW855	N221	60.1	17	0	54.7	20	0	47.3	17	0	49.6	31	0	49.1	22	0	46.7	31	0
20	HD3417	N223	60.7	16	0	58.3	14	0	47.4	16	0	58.8	12	1	39.4	36	0	50.3	21	0
21	HD3391	N224	60.8	15	0	58.3	14	0	53.9	8	1	57.8	16	0	59.3	8	0	49.5	25	0
22	DBW348	N225	49.4	33	0	47.9	32	0	46.3	22	0	61.4	5	1	45.1	30	0	47.0	29	0
23	BRW3902	N226	47.6	34	0	69.3	1	1	49.5	14	0	58.5	14	1	68.1	2	1	48.6	27	0
24	JKW282	N227	47.2	36	0	61.5	10	0	42.8	29	0	54.2	23	0	56.8	12	0	56.6	6	1
25	HUW845	N228	57.2	23	0	50.5	28	0	46.1	23	0	48.2	34	0	68.0	3	1	54.0	10	0
26	DBW350	N229	51.4	30	0	52.1	25	0	39.0	35	0	49.6	30	0	48.3	23	0	50.2	23	0
27	BRW3895	N231	50.9	32	0	49.0	30	0	50.0	11	0	52.3	26	0	68.9	1	1	53.3	12	0
28	AAI-W70	N232	62.9	9	0	44.8	35	0	54.9	6	1	50.1	29	0	52.3	17	0	36.1	35	0
29	HD3416	N233	59.6	18	0	45.8	34	0	43.4	26	0	53.6	24	0	51.3	18	0	49.0	26	0
30	UP3085	N234	61.1	13	0	63.5	5	1	40.4	33	0	62.3	4	1	64.4	4	1	54.7	9	0
31	HUW846	N235	52.9	27	0	58.3	14	0	47.3	19	0	58.6	13	1	53.7	16	0	41.3	34	0
32	K2004	N236	61.9	12	0	54.2	21	0	57.4	1	1	57.6	18	0	47.7	25	0	56.6	6	1
33	DBW222 (C)	N207	69.0	3	1	67.7	2	1	47.2	20	0	63.7	2	1	55.4	14	0	58.0	3	1
34	HD2967 (C)	N219	69.0	3	1	51.6	26	0	47.3	18	0	60.3	7	1	47.4	27	0	60.4	2	1
35	DBW187 (C)	N222	64.8	6	0	63.5	5	1	55.4	4	1	60.2	8	1	54.0	15	0	50.9	17	0
36	HD3086 (C)	N230	47.5	35	0	63.5	5	1	55.1	5	1	57.1	20	0	59.7	6	0	44.4	33	0
G.M.			58.6			55.9			47.6			55.9			52.6			50.8		
S.E.(M)			2.078			2.867			2.751			2.447			2.250			2.326		
C.D. (10%)			5.0			6.9			6.6			5.9			5.4			5.6		
C.V.			5.0			7.3			8.2			6.2			6.1			6.5		
D.O.S.(dd.mm.yy)			10.11.20			12.11.20			14.11.20			09.11.20			13.11.20			23.11.20		

## 2002-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2020-21

## LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ																	
			U.P.			Bihar			Jharkhand			West Bengal								
			Ayodhya			Sabour			RPCAU-Pusa			Ranchi			Kalyani			Coochbehar		
Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G			
1	KRL1912	N201	55.1	17	0	29.9	36	0	50.0	27	0	52.1	19	0	42.4	10	0	28.2	36	0
2	K2005	N202	63.6	1	1	43.8	26	0	52.1	23	0	70.1	1	1	37.1	33	0	37.2	19	0
3	DBW347	N203	48.6	32	0	56.3	3	1	59.0	10	0	57.6	8	0	42.5	9	0	45.1	5	0
4	RAJ4559	N204	62.7	4	1	49.0	11	0	66.0	1	1	60.4	5	0	46.9	1	1	41.1	12	0
5	NW8017	N205	50.4	28	0	41.3	29	0	45.8	33	0	49.3	26	0	39.2	22	0	31.5	32	0
6	TAW119	N206	63.1	3	1	54.2	4	1	46.5	31	0	54.9	13	0	38.6	24	0	39.0	16	0
7	NW8013	N208	54.5	21	0	48.6	12	0	61.1	7	1	58.3	7	0	37.1	32	0	41.5	11	0
8	K2003	N209	60.5	6	1	35.4	33	0	40.3	35	0	50.0	24	0	35.9	35	0	34.1	28	0
9	UP3084	N210	54.7	19	0	47.6	14	0	59.6	9	0	54.2	15	0	43.4	6	1	56.4	1	1
10	DBW349	N211	63.3	2	1	47.4	15	0	43.8	34	0	56.9	10	0	41.5	13	0	37.0	22	0
11	WH1295	N212	52.8	25	0	47.2	16	0	63.2	4	1	45.1	31	0	39.5	19	0	33.5	29	0
12	PBW856	N213	49.3	31	0	34.0	35	0	51.4	26	0	45.8	29	0	38.8	23	0	36.6	23	0
13	NW8019	N214	60.9	5	1	56.9	2	1	56.3	18	0	52.8	18	0	43.1	7	1	38.0	18	0
14	HD3390	N215	57.6	10	0	51.7	6	0	65.8	2	1	45.1	31	0	37.8	28	0	43.2	8	0
15	PBW854	N216	49.6	30	0	45.8	20	0	58.3	13	0	57.6	8	0	40.0	18	0	44.9	6	0
16	WH1296	N217	50.3	29	0	45.1	21	0	34.4	36	0	56.9	10	0	37.9	26	0	33.2	31	0
17	JKW287	N218	55.8	15	0	40.3	31	0	58.9	12	0	68.8	2	1	42.9	8	1	35.8	24	0
18	RAJ4558	N220	54.6	20	0	43.4	27	0	47.5	28	0	45.8	30	0	39.5	19	0	38.9	17	0
19	PBW855	N221	51.0	27	0	43.4	27	0	64.6	3	1	53.5	17	0	45.9	3	1	35.3	26	0
20	HD3417	N223	58.0	9	0	58.3	1	1	51.5	25	0	51.4	21	0	37.5	29	0	41.6	10	0
21	HD3391	N224	56.0	14	0	47.2	16	0	56.7	17	0	52.1	19	0	37.4	31	0	40.7	15	0
22	DBW348	N225	60.1	7	1	53.5	5	1	53.1	22	0	50.0	24	0	43.8	5	1	37.1	20	0
23	BRW3902	N226	43.0	35	0	50.3	9	0	46.6	30	0	45.1	31	0	45.2	4	1	49.0	3	1
24	JKW282	N227	47.5	33	0	44.4	23	0	56.9	15	0	61.1	4	0	38.3	25	0	53.0	2	1
25	HUW845	N228	58.8	8	1	44.1	24	0	55.0	19	0	39.6	35	0	41.9	12	0	31.1	34	0
26	DBW350	N229	55.0	18	0	46.9	18	0	54.9	20	0	55.6	12	0	41.5	14	0	30.2	35	0
27	BRW3895	N231	54.0	22	0	46.9	18	0	59.0	10	0	46.5	28	0	37.4	30	0	35.8	25	0
28	AAI-W70	N232	42.3	36	0	49.3	10	0	54.4	21	0	40.3	34	0	35.5	36	0	43.5	7	0
29	HD3416	N233	45.9	34	0	45.1	21	0	46.3	32	0	59.7	6	0	45.9	2	1	37.1	21	0
30	UP3085	N234	56.8	13	0	48.6	12	0	56.9	15	0	48.6	27	0	40.4	17	0	40.9	14	0
31	HUW846	N235	56.9	12	0	35.4	33	0	46.8	29	0	39.6	35	0	37.8	27	0	33.3	30	0
32	K2004	N236	57.3	11	0	39.9	32	0	60.4	8	0	54.2	16	0	36.8	34	0	34.8	27	0
33	DBW222 (C)	N207	55.3	16	0	50.7	8	0	51.7	24	0	54.9	14	0	40.8	16	0	42.1	9	0
34	HD2967 (C)	N219	53.1	24	0	40.6	30	0	63.2	4	1	66.7	3	1	39.4	21	0	46.4	4	0
35	DBW187 (C)	N222	53.2	23	0	44.1	24	0	58.1	14	0	51.4	21	0	42.2	11	0	40.9	13	0
36	HD3086 (C)	N230	51.2	26	0	51.4	7	0	62.2	6	1	50.7	23	0	41.0	15	0	31.4	33	0
G.M.			54.5			46.1			54.4			52.9			40.4			38.9		
S.E.(M)			2.317			2.040			2.177			2.974			1.729			3.393		
C.D. (10%)			5.6			4.9			5.2			7.1			4.2			8.1		
C.V.			6.0			6.3			5.7			8.0			6.1			12.3		
D.O.S.(dd.mm.yy)			21.11.20			24.11.20			16.11.20			16.11.20			21.11.20			21.11.20		

## 2002-NIVT-1B-IR-TS-TAS-NAT-ZONE, 2020-21

## ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	KRL1912	N201	52.6	33	0	44.0	31	0	49.3	34	0
2	K2005	N202	51.8	34	0	52.3	4	0	52.0	29	0
3	DBW347	N203	55.5	28	0	51.5	6	0	54.0	18	0
4	RAJ4559	N204	58.8	13	0	54.8	1	1	57.2	3	1
5	NW8017	N205	57.0	20	0	43.9	32	0	52.0	30	0
6	TAW119	N206	54.8	30	0	50.2	12	0	53.0	25	0
7	NW8013	N208	61.6	5	1	50.2	11	0	57.2	4	1
8	K2003	N209	52.8	32	0	41.5	36	0	48.4	35	0
9	UP3084	N210	59.0	12	0	52.0	5	0	56.3	10	0
10	DBW349	N211	56.5	23	0	48.7	17	0	53.5	22	0
11	WH1295	N212	55.8	26	0	47.5	25	0	52.6	27	0
12	PBW856	N213	62.5	2	1	43.0	34	0	54.9	13	0
13	NW8019	N214	60.6	8	0	52.3	3	0	57.4	2	1
14	HD3390	N215	61.2	7	1	50.7	8	0	57.1	5	1
15	PBW854	N216	60.5	9	0	49.9	13	0	56.4	9	0
16	WH1296	N217	58.1	15	0	44.1	30	0	52.6	26	0
17	JKW287	N218	57.1	19	0	50.5	9	0	54.5	14	0
18	RAJ4558	N220	48.4	36	0	45.2	29	0	47.2	36	0
19	PBW855	N221	61.5	6	1	48.6	19	0	56.5	8	0
20	HD3417	N223	55.9	25	0	49.8	14	0	53.5	21	0
21	HD3391	N224	59.4	11	0	48.5	21	0	55.2	11	0
22	DBW348	N225	56.9	22	0	49.2	16	0	53.9	20	0
23	BRW3902	N226	60.1	10	0	46.8	27	0	54.9	12	0
24	JKW282	N227	55.7	27	0	51.1	7	0	53.9	19	0
25	HUW845	N228	57.3	18	0	46.4	28	0	53.0	24	0
26	DBW350	N229	51.2	35	0	47.7	22	0	49.9	32	0
27	BRW3895	N231	57.0	21	0	47.6	23	0	53.4	23	0
28	AAI-W70	N232	54.1	31	0	43.1	33	0	49.8	33	0
29	HD3416	N233	56.0	24	0	47.0	26	0	52.5	28	0
30	UP3085	N234	61.8	4	1	49.6	15	0	57.1	6	1
31	HUW846	N235	57.6	17	0	41.6	35	0	51.4	31	0
32	K2004	N236	58.0	16	0	48.6	20	0	54.3	15	0
33	DBW222 (C)	N207	63.4	1	1	50.5	10	0	58.4	1	1
34	HD2967 (C)	N219	55.1	29	0	52.8	2	1	54.2	16	0
35	DBW187 (C)	N222	62.0	3	1	48.7	18	0	56.8	7	1
36	HD3086 (C)	N230	58.1	14	0	47.5	24	0	54.0	17	0
G.M.			57.4			48.3			53.8		
S.E.(M)			1.034			0.937			0.729		
C.D. (10%)			2.4			2.2			1.7		

## Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-1B-IR-TS-TAS, 2020-21

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.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	KRL1912	N201	5S	1.3	0	0	78-108	97	118-162	146	92-118	103	10	Ey	A	SH	35-55	43
2	K2005	N202	40S	21.3	5S	1.3	86-108	103	123-165	147	94-126	112	15	Ey	A	SH	29-48	40
3	DBW347	N203	10S	4.3	0	0	78-106	99	120-162	146	91-120	105	10	Ey	A	H	38-47	41
4	RAJ4559	N204	20S	7.5	tR	0.1	76-110	96	118-162	146	94-122	103	10	Ey	A	H	36-44	40
5	NW8017	N205	10S	3.5	0	0	79-113	99	122-162	146	96-112	102	5	Ey	A	H	32-43	38
6	TAW119	N206	5S	1.8	0	0	80-108	101	120-165	147	85-116	101	10	Ey	A	H	31-47	40
7	NW8013	N208	10S	3.5	tR	0.1	82-107	99	124-162	146	92-119	105	10	Ey	A	SH	36-46	41
8	K2003	N209	10S	3.8	0	0	83-111	102	123-165	147	93-123	105	10	Ey	A	SH	33-42	39
9	UP3084	N210	10S	2.5	0	0	78-108	98	116-162	146	88-119	101	15	Ey	A	H	40-50	44
10	DBW349	N211	0	0	0	0	85-110	102	123-166	147	97-120	105	5	Ey	A	H	25-41	36
11	WH1295	N212	10MS	3.3	0	0	73-110	96	121-162	145	84-117	100	10	Ey	A	H	28-44	37
12	PBW856	N213	5S	1.3	0	0	81-112	98	120-162	146	87-107	97	10	Ey	A	H	34-42	38
13	NW8019	N214	5S	1.3	10S	2.5	81-109	100	120-165	146	90-115	102	10	Ey	A	H	36-46	42
14	HD3390	N215	0	0	0	0	69-108	94	118-162	144	93-121	102	5	Ey	A	SH	32-44	39
15	PBW854	N216	0	0	0	0	86-110	104	124-164	147	92-118	100	10	Ey	A	H	32-45	39
16	WH1296	N217	10S	3.8	0	0	78-107	99	118-162	145	96-114	103	10	Ey	A	H	29-44	36
17	JKW287	N218	40S*	15	0	0	78-109	99	119-165	146	88-123	103	10	Ey	A	SH	34-46	41
18	RAJ4558	N220	10S	3.8	0	0	69-109	92	116-162	143	90-120	101	5	Ey	A	H	30-47	41
19	PBW855	N221	5S	1.3	0	0	72-109	93	116-162	144	89-114	99	10	Ey	A	H	35-45	42
20	HD3417	N223	10S	5	tR	0.1	74-106	97	122-162	146	97-123	109	15	Ey	A	H	31-46	39
21	HD3391	N224	10S	2.8	10S	2.5	78-110	98	120-162	146	92-116	100	10	Ey	A	H	31-48	38
22	DBW348	N225	10S	3.8	5S	2.5	77-115	98	118-162	145	95-120	108	10	Ey	A	H	33-41	39
23	BRW3902	N226	40S*	13.8	tR	0.1	75-109	98	118-165	145	94-114	103	10	Ey	A	SH	39-49	43
24	JKW282	N227	10S	3.8	0	0	85-110	102	120-165	146	92-112	102	5	Ey	A	H	31-42	37
25	HUW845	N228	10S	5	0	0	84-108	104	124-165	147	95-116	102	15	Ey	A	H	30-44	38
26	DBW350	N229	5S	1.3	0	0	77-108	96	120-162	145	92-119	104	5	Ey	A	H	36-41	39
27	BRW3895	N231	40S*	16.3	10S	2.5	75-106	99	118-162	145	95-116	102	5	Ey	A	H	35-43	39
28	AAI-W70	N232	20S	8.8	0	0	64-109	90	116-162	144	76-107	91	0	Ey	A	H	38-49	43
29	HD3416	N233	5S	2.3	60S*	15.1	85-114	104	120-166	148	97-113	104	10	Ey	A	SH	23-43	35
30	UP3085	N234	5MS	1	0	0	80-109	97	120-162	145	95-118	104	10	Ey	A	SH	34-49	40
31	HUW846	N235	10S	3.8	0	0	77-110	99	118-162	146	87-114	99	0	Ey	A	SH	35-44	40
32	K2004	N236	40S	20.1	10S	2.5	78-112	100	118-162	147	94-119	104	10	Ey	A	SH	26-41	37
33	DBW222 (C)	N207	40S*	15	0	0	75-109	98	118-162	145	95-117	103	15	Ey	A	H	33-43	39
34	HD2967 (C)	N219	60S	32	20S	7.5	87-113	107	127-166	148	96-122	107	10	Ey	A	SH	27-41	34
35	DBW187 (C)	N222	10S	3.8	0	0	77-108	96	120-162	145	94-117	103	10	Ey	A	H	37-49	41
36	HD3086 (C)	N230	20S	7.5	10S	2.5	74-107	95	122-162	145	86-108	100	5	Ey	A	SH	36-43	40

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

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

3. Brown rust data from Jammu, Ludhiana, Gurdaspur and Pantnagar.

**NIVT-1B-IR-TS-TAS, 2020-21**  
**North Western Plains Zone**  
**Individual Station Rust Data**

SN	Variety	Code	Yellow Rust				Brown Rust			
			Jammu	Ludhiana	Delhi	Gurdaspur	Jammu	Ludhiana	Gurdaspur	Pantnagar
1	KRL1912	N201	0	5S	0	0	0	0	0	0
2	K2005	N202	0	40S	5S	40S	0	5S	0	0
3	DBW347	N203	10S	5MR	0	5S	0	0	0	0
4	RAJ4559	N204	0	10S	0	20S	0	0	tR	0
5	NW8017	N205	0	10S	0	5MS	0	0	0	0
6	TAW119	N206	0	5S	5MR	0	0	0	0	0
7	NW8013	N208	0	10S	0	5MS	0	0	tR	0
8	K2003	N209	0	5S	0	10S	0	0	0	0
9	UP3084	N210	0	0	0	10S	0	0	0	0
10	DBW349	N211	0	0	0	0	0	0	0	0
11	WH1295	N212	0	0	10MS	5S	0	0	0	0
12	PBW856	N213	0	0	0	5S	0	0	0	0
13	NW8019	N214	0	5S	0	0	10S	0	0	0
14	HD3390	N215	0	0	0	0	0	0	0	0
15	PBW854	N216	0	0	0	0	0	0	0	0
16	WH1296	N217	0	5S	0	10S	0	0	0	0
17	JKW287	N218	0	20S	0	40S	0	0	0	0
18	RAJ4558	N220	0	5S	0	10S	0	0	0	0
19	PBW855	N221	5S	0	0	0	0	0	0	0
20	HD3417	N223	10S	5S	0	5S	0	0	tR	0
21	HD3391	N224	0	TS	0	10S	0	0	0	10s
22	DBW348	N225	0	5S	0	10S	0	0	5S	5s
23	BRW3902	N226	5S	10S	0	40S	0	0	tR	0
24	JKW282	N227	0	5S	0	10S	0	0	0	0
25	HUW845	N228	0	10S	0	10S	0	0	0	0
26	DBW350	N229	0	0	0	5S	0	0	0	0
27	BRW3895	N231	0	20S	5R	40S	0	10S	0	0
28	AAI-W70	N232	20S	5S	0	10S	0	0	0	0
29	HD3416	N233	0	5S	0	5MS	0	0	tR	60s
30	UP3085	N234	0	0	0	5MS	0	0	0	0
31	HUW846	N235	5S	0	0	10S	0	0	0	0
32	K2004	N236	0	40S	tR	40S	0	10S	0	0
33	DBW222 (C)	N207	0	40S	0	20S	0	0	0	0
34	HD2967 (C)	N219	0	60S	10MS	60S	0	10S	0	20S
35	DBW187 (C)	N222	0	10S	tR	5S	0	0	0	0
36	HD3086 (C)	N230	20S	5S	0	5S	0	0	10S	0

## Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: NIVT-1B-IR-TS-TAS, 2020-21

SN	Variety	Code	Disease Reaction			Agronomic Characteristics								Grain Characteristics			
			BR	LB (HS, Av)	PM	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1	KRL1912	N201	0	67(35)	4	69-89	79	99-130	120	86-97	93	30	Ey	A	SH	32-56	47
2	K2005	N202	5S	67(34)	2	74-95	87	116-134	126	100-118	107	50	Ey	A	SH	32-54	42
3	DBW347	N203	5S	57(34)	3	64-86	79	102-129	120	85-101	94	60	M	A	SH	34-47	42
4	RAJ4559	N204	20S	67(34)	2	66-84	76	102-130	118	89-103	97	10	Ey	A	SH	30-51	42
5	NW8017	N205	0	67(35)	3	71-85	80	102-129	120	87-98	94	25	M	A	SH	30-47	40
6	TAW119	N206	0	57(35)	3	73-89	83	108-132	123	89-101	94	15	M	A	SH	30-48	40
7	NW8013	N208	0	57(35)	3	74-88	82	108-131	123	87-105	96	55	Ey	A	SH	36-53	43
8	K2003	N209	0	67(45)	3	70-91	82	106-133	123	91-109	98	30	Ey	A	SH	32-47	39
9	UP3084	N210	5S	69(35)	3	71-86	81	102-130	121	88-101	93	0	Ey	A	H	38-51	45
10	DBW349	N211	0	69(46)	2	65-91	82	96-132	121	91-103	97	35	Ey	A	SH	28-44	37
11	WH1295	N212	0	67(45)	3	65-83	76	96-125	117	85-100	92	65	Ey	A	SH	30-48	39
12	PBW856	N213	0	57(45)	4	70-85	79	98-127	119	80-104	88	40	Ey	A	SH	32-46	38
13	NW8019	N214	5S	67(45)	4	73-88	82	106-129	121	90-104	97	0	Ey	A	SH	36-48	44
14	HD3390	N215	0	67(35)	3	60-81	73	100-128	118	85-99	91	10	Ey	A	SH	35-52	42
15	PBW854	N216	0	78(34)	2	80-96	88	106-131	124	85-103	94	0	Ey	A	SH	34-46	41
16	WH1296	N217	0	69(35)	2	67-86	78	102-133	121	88-102	95	45	Ey	A	SH	26-45	37
17	JKW287	N218	0	56(35)	3	72-95	82	96-130	121	89-104	96	30	Ey	A	SH	30-54	43
18	RAJ4558	N220	0	79(46)	5	60-78	71	98-126	118	86-99	93	10	Ey	A	H	34-46	41
19	PBW855	N221	10S	56(35)	4	64-83	75	102-129	118	78-101	92	40	Ey	A	H	34-49	41
20	HD3417	N223	5S	59(35)	3	60-87	76	106-131	122	91-106	99	10	Ey	A	H	36-46	41
21	HD3391	N224	0	56(35)	3	62-85	76	101-129	118	83-97	90	0	Ey	A	SH	32-48	38
22	DBW348	N225	10S	67(45)	4	70-85	79	96-131	120	92-104	99	0	Ey	A	H	38-45	42
23	BRW3902	N226	20S	57(35)	3	68-85	79	100-129	119	84-104	94	15	Ey	A	H	32-50	43
24	JKW282	N227	0	57(34)	3	74-93	85	104-131	123	83-102	95	10	Ey	A	SH	34-43	38
25	HUW845	N228	5S	67(34)	3	76-90	85	104-129	123	80-102	94	0	Ey	A	SH	38-50	42
26	DBW350	N229	10S	45(35)	3	69-84	77	100-127	118	92-101	98	25	Ey	A	H	30-49	41
27	BRW3895	N231	0	67(45)	3	69-85	80	99-131	119	89-100	93	45	Ey	A	H	30-49	40
28	AAI-W70	N232	0	78(46)	6	54-80	71	92-130	117	77-96	85	35	Ey	A	SH	36-55	43
29	HD3416	N233	0	68(34)	2	82-95	90	122-135	130	87-101	95	30	Ey	A	SH	32-42	37
30	UP3085	N234	0	67(45)	4	69-86	79	94-128	118	92-102	97	10	Ey	A	H	34-49	41
31	HUW846	N235	10S	56(35)	2	72-89	81	100-129	122	87-98	93	0	Ey	A	SH	28-47	40
32	K2004	N236	0	67(45)	4	70-90	81	102-133	121	89-106	96	60	M	A	SH	28-45	39
33	DBW222 (C)	N207	0	59(35)	2	71-85	79	104-131	121	88-101	94	0	Ey	A	SH	32-49	41
34	HD2967 (C)	N219	5S	47(24)	3	84-94	90	120-133	128	89-103	97	0	M	A	SH	32-46	39
35	DBW187 (C)	N222	0	57(45)	4	65-85	78	94-132	118	87-102	96	0	Ey	A	SH	34-49	43
36	HD3086 (C)	N230	5S	58(46)	6	63-86	77	100-127	119	88-98	92	30	Ey	A	H	30-46	39

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

**NIVT-1B-IR-TS-TAS, 2020- 21**  
**North Eastern Plains Zone**  
**Individual Station Disease Data**

SN	Variety	Code	Brown Rust		Leaf Blight							
			Kalyani	Sabour	Ayodhya	Coochbehar	Kalyani	Ranchi	Sabour	Shillongani	Varanasi	RPCAU-Pusa
1	KRL1912	N201	0	0	12	67	45	01	56	25	47	34
2	K2005	N202	0	5S	24	67	45	00	67	24	35	23
3	DBW347	N203	5S	0	23	57	45	00	46	36	24	34
4	RAJ4559	N204	20S	5S	12	67	35	00	57	25	35	45
5	NW8017	N205	0	0	12	67	57	00	47	25	35	45
6	TAW119	N206	0	0	12	57	35	00	56	25	47	45
7	NW8013	N208	0	0	23	47	57	00	57	25	24	45
8	K2003	N209	0	0	35	67	35	01	56	35	47	45
9	UP3084	N210	0	5S	34	69	35	00	46	25	24	34
10	DBW349	N211	0	0	24	69	57	00	57	36	47	45
11	WH1295	N212	0	0	23	67	35	00	57	24	47	67
12	PBW856	N213	0	0	24	56	57	01	57	24	47	45
13	NW8019	N214	5S	0	24	67	57	01	57	25	57	45
14	HD3390	N215	0	0	12	67	57	01	56	36	35	43
15	PBW854	N216	0	0	12	78	57	00	46	25	34	23
16	WH1296	N217	0	0	12	69	45	00	47	25	35	45
17	JKW287	N218	0	0	46	34	35	01	56	25	47	56
18	RAJ4558	N220	0	0	24	79	45	02	47	36	68	56
19	PBW855	N221	10S	0	23	23	45	01	57	25	47	56
20	HD3417	N223	0	5S	46	59	45	00	57	25	24	45
21	HD3391	N224	0	0	12	57	57	00	45	25	47	56
22	DBW348	N225	10S	0	23	67	57	01	67	36	35	45
23	BRW3902	N226	20S	0	23	57	45	00	57	36	35	34
24	JKW282	N227	0	0	24	57	35	01	46	25	24	23
25	HUW845	N228	5S	0	24	67	45	00	67	36	12	34
26	DBW350	N229	10S	0	34	47	45	00	46	25	47	45
27	BRW3895	N231	0	0	24	67	57	00	56	36	47	45
28	AAI-W70	N232	0	0	23	34	57	04	67	36	67	78
29	HD3416	N233	0	0	12	67	45	00	68	25	12	34
30	UP3085	N234	0	0	36	67	57	02	46	25	35	45
31	HUW846	N235	10S	tR	35	34	57	00	46	24	35	56
32	K2004	N236	0	0	23	67	57	02	45	35	47	34
33	DBW222 (C)	N207	0	0	24	59	57	00	57	25	35	34
34	HD2967 (C)	N219	0	5S	46	47	39	00	35	24	00	12
35	DBW187 (C)	N222	0	0	45	56	45	01	57	25	47	45
36	HD3086 (C)	N230	5S	0	34	47	57	02	47	25	58	45