

1494-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Haryana		Delhi		Punjab		Uttarakhand					
			Karnal	Hisar	New Delhi	Gurdaspur	Ludhiana	Pantnagar						
			Yield RKG	Yield RKG	Yield RKG	Yield RKG	Yield RKG	Yield RKG						
1.	HD 3199	N-3A-01	36.3	15 0	48.7	24 0	38.5	24 0	36.9	23 0	48.4	18 0	35.5	28 0
2.	WH 1191	N-3A-02	35.0	18 0	49.0	22 0	38.0	26 0	33.7	30 0	54.0	6 1	35.1	29 0
3.	NW 6066	N-3A-03	27.9	32 0	48.8	23 0	37.7	30 0	37.3	19 0	39.1	32 0	39.3	17 0
4.	HUW 710	N-3A-04	24.5	36 0	44.0	33 0	37.7	31 0	35.1	26 0	49.8	13 1	35.5	27 0
5.	NW 6044	N-3A-05	27.2	33 0	46.3	30 0	38.0	27 0	37.3	18 0	42.5	29 0	40.5	13 1
6.	MP 1316	N-3A-06	30.9	26 0	46.8	28 0	38.1	25 0	31.8	35 0	39.4	31 0	32.4	32 0
7.	HP 1967	N-3A-07	30.6	27 0	42.6	35 0	41.8	19 0	39.0	13 0	49.9	12 1	33.7	30 0
8.	HD 3197	N-3A-08	26.3	34 0	52.8	9 1	43.1	15 0	42.7	3 0	49.2	15 0	40.2	14 1
9.	HUW 709	N-3A-09	31.6	23 0	41.4	36 0	36.8	34 0	36.4	25 0	49.3	14 0	41.1	11 1
10.	RAJ 4429	N-3A-11	39.9	4 1	46.3	29 0	41.6	21 0	40.5	10 0	46.7	22 0	36.3	25 0
11.	HD 3198	N-3A-12	37.2	11 0	49.1	21 0	44.7	9 0	37.7	17 0	55.1	4 1	41.1	10 1
12.	DBW 172	N-3A-13	39.1	7 1	53.5	6 1	43.1	16 0	49.2	1 1	55.4	2 1	39.2	18 0
13.	DBW 171	N-3A-14	40.4	3 1	57.5	1 1	42.4	17 0	42.0	5 0	48.4	18 0	41.5	9 1
14.	UP 2913	N-3A-15	28.6	31 0	49.1	20 0	44.8	8 0	36.9	22 0	50.7	10 1	39.8	16 1
15.	K 1412	N-3A-16	37.8	10 0	55.8	3 1	37.8	28 0	32.6	33 0	46.8	21 0	38.4	19 0
16.	WH 1192	N-3A-17	29.3	30 0	56.4	2 1	46.2	2 0	38.0	16 0	55.4	1 1	41.8	8 1
17.	UP 2910	N-3A-18	31.6	24 0	52.2	10 1	38.7	23 0	33.6	31 0	42.7	27 0	37.9	22 0
18.	PBW 735	N-3A-19	32.2	22 0	53.3	8 1	44.6	10 0	40.8	9 0	53.9	7 1	41.8	7 1
19.	HUW 708	N-3A-20	38.0	9 0	51.8	14 1	40.1	22 0	31.8	34 0	37.3	36 0	33.1	31 0
20.	HD 3200	N-3A-21	43.2	1 1	51.9	12 1	51.1	1 1	39.2	12 0	42.6	28 0	43.7	1 1
21.	WH 1193	N-3A-22	43.1	2 1	46.0	31 0	41.9	18 0	33.5	32 0	44.0	25 0	40.9	12 1
22.	K 1413	N-3A-23	30.3	28 0	51.1	16 0	37.4	32 0	29.4	36 0	45.9	23 0	26.3	36 0
23.	PBW 736	N-3A-24	39.3	6 1	48.2	25 0	45.0	6 0	36.5	24 0	48.9	17 0	37.8	23 0
24.	DBW 173	N-3A-26	34.2	20 0	53.6	5 1	45.9	3 0	40.9	8 0	55.4	3 1	43.0	3 1
25.	DBW 174	N-3A-27	29.8	29 0	47.6	26 0	44.5	11 0	45.4	2 1	41.9	30 0	37.2	24 0
26.	UP 2911	N-3A-28	36.6	13 0	51.6	15 1	43.2	14 0	37.2	20 0	38.0	35 0	38.4	20 0
27.	PBW 734	N-3A-29	36.4	14 0	46.9	27 0	44.9	7 0	37.2	21 0	54.5	5 1	42.4	5 1
28.	K 1414	N-3A-31	38.0	8 0	54.4	4 1	43.3	13 0	42.3	4 0	50.2	11 1	38.4	20 0
29.	PBW 733	N-3A-32	35.7	16 0	50.3	19 0	37.0	33 0	38.8	14 0	42.9	26 0	32.2	33 0
30.	JKW 206	N-3A-33	36.8	12 0	51.1	17 0	41.7	20 0	39.5	11 0	53.1	9 1	43.1	2 1
31.	HD 3201	N-3A-35	35.7	17 0	51.0	18 0	43.7	12 0	33.8	28 0	47.9	20 0	42.8	4 1
32.	RAJ 4428	N-3A-36	39.4	5 1	43.2	34 0	32.9	36 0	33.7	29 0	38.1	34 0	28.3	35 0
33.	HD 3059 (C)	N-3A-10	31.2	25 0	52.1	11 1	45.6	5 0	41.2	6 0	49.2	16 0	42.4	6 1
34.	DBW 14 (C)	N-3A-25	32.9	21 0	53.5	7 1	33.3	35 0	38.3	15 0	45.8	24 0	35.6	26 0
35.	DBW 90 (C)	N-3A-30	26.3	34 0	51.8	13 1	45.8	4 0	41.0	7 0	53.2	8 1	40.0	15 1
36.	HI 1563 (C)	N-3A-34	34.6	19 0	44.3	32 0	37.8	28 0	34.3	27 0	38.5	33 0	29.4	34 0
Mean =			34.1		49.8		41.4		37.6		47.3		37.9	
S.E.m =			2.059		2.424		1.855		1.712		2.511		1.630	
C.D. =			4.9		5.9		4.4		4.1		6.0		3.9	
C.V. =			8.5		6.9		6.3		6.4		7.5		6.1	
D.O.S. (d.m.y)			18.12.2014		24.12.2014		19.12.2014		18.12.2014		15.12.2014		24.12.2014	

Trials proposed & conducted : 18

Trials not reported (7) : Jammu (RMT), Durgapura (RMT), Kalyani (RMT), Shillongani (RMT), Modipuram (RMT), Varanasi (LSM), Ranchi (ID)

1494-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2014-15
Locationwise Mean Yield (q/ha)

SN	Variety	Code	Uttar Pradesh		Bihar		West Bengal	
			Faizabad	Kanpur	Sabour	Pusa	Coochbehar	
			Yield RK G	Yield RK G	Yield RK G	Yield RK G	Yield	RK G
1.	HD 3199	N-3A-01	39.9 22 0	40.5 25 0	40.2 14 0	31.3 16 0	40.6 11 0	
2.	WH 1191	N-3A-02	35.8 33 0	38.2 27 0	34.6 29 0	22.8 34 0	24.8 35 0	
3.	NW 6066	N-3A-03	34.6 35 0	37.0 31 0	31.3 33 0	22.0 35 0	26.4 32 0	
4.	HUW 710	N-3A-04	34.8 34 0	35.9 34 0	30.8 34 0	27.2 28 0	25.8 34 0	
5.	NW 6044	N-3A-05	39.0 30 0	47.5 5 1	43.2 5 0	30.6 20 0	37.9 17 0	
6.	MP 1316	N-3A-06	39.6 25 0	34.7 36 0	31.6 32 0	29.5 25 0	28.8 30 0	
7.	HP 1967	N-3A-07	40.2 16 0	47.5 5 1	37.7 22 0	34.4 7 0	45.6 5 0	
8.	HD 3197	N-3A-08	43.3 7 1	48.6 2 1	46.5 2 1	33.7 8 0	37.1 21 0	
9.	HUW 709	N-3A-09	40.4 14 0	46.3 10 1	40.0 15 0	32.3 11 0	36.4 22 0	
10.	RAJ 4429	N-3A-11	39.9 23 0	45.1 13 1	33.4 30 0	27.7 27 0	38.7 15 0	
11.	HD 3198	N-3A-12	42.4 8 1	47.5 5 1	45.8 3 1	31.2 17 0	37.3 20 0	
12.	DBW 172	N-3A-13	39.2 27 0	48.6 2 1	40.6 11 0	33.3 9 0	51.7 3 0	
13.	DBW 171	N-3A-14	39.5 26 0	46.3 10 1	37.3 24 0	31.7 13 0	38.0 16 0	
14.	UP 2913	N-3A-15	45.1 2 1	38.2 27 0	38.7 18 0	30.0 23 0	54.0 1 1	
15.	K 1412	N-3A-16	40.1 17 0	42.8 21 1	36.3 26 0	25.2 31 0	35.8 25 0	
16.	WH 1192	N-3A-17	46.1 1 1	48.6 1 1	40.3 13 0	44.1 1 1	52.3 2 1	
17.	UP 2910	N-3A-18	40.0 21 0	35.9 34 0	37.8 21 0	39.0 4 0	43.6 7 0	
18.	PBW 735	N-3A-19	42.2 9 1	45.1 13 1	42.0 8 0	30.8 19 0	28.8 29 0	
19.	HUW 708	N-3A-20	38.5 32 0	35.9 33 0	35.6 27 0	23.1 33 0	27.6 31 0	
20.	HD 3200	N-3A-21	43.4 6 1	48.6 2 1	42.4 6 0	30.6 21 0	40.0 12 0	
21.	WH 1193	N-3A-22	38.6 31 0	38.2 27 0	33.2 31 0	31.6 14 0	29.2 28 0	
22.	K 1413	N-3A-23	32.5 36 0	37.0 31 0	29.9 35 0	20.7 36 0	19.8 36 0	
23.	PBW 736	N-3A-24	39.7 24 0	45.1 13 1	39.8 16 0	31.4 15 0	37.9 17 0	
24.	DBW 173	N-3A-26	43.8 4 1	38.2 27 0	38.0 20 0	42.0 2 1	42.3 9 0	
25.	DBW 174	N-3A-27	43.5 5 1	47.5 5 1	42.4 7 0	37.7 5 0	37.8 19 0	
26.	UP 2911	N-3A-28	40.3 15 0	44.0 16 1	39.2 17 0	29.1 26 0	41.8 10 0	
27.	PBW 734	N-3A-29	39.2 28 0	40.5 24 0	37.3 24 0	25.7 29 0	36.4 23 0	
28.	K 1414	N-3A-31	41.7 11 1	44.0 16 1	40.5 12 0	29.7 24 0	39.5 13 0	
29.	PBW 733	N-3A-32	40.4 12 0	46.3 10 1	41.8 9 0	24.4 32 0	26.1 33 0	
30.	JKW 206	N-3A-33	40.0 19 0	44.0 16 1	37.6 23 0	31.7 12 0	30.6 27 0	
31.	HD 3201	N-3A-35	40.1 18 0	44.0 16 1	41.1 10 0	30.2 22 0	36.4 24 0	
32.	RAJ 4428	N-3A-36	39.1 29 0	39.4 26 0	29.1 36 0	25.6 30 0	34.3 26 0	
33.	HD 3059 (C)	N-3A-10	40.0 20 0	44.0 16 1	38.2 19 0	32.7 10 0	43.9 6 0	
34.	DBW 14 (C)	N-3A-25	40.4 13 0	42.8 21 1	45.3 4 1	39.7 3 0	39.0 14 0	
35.	DBW 90 (C)	N-3A-30	44.7 3 1	47.5 9 1	48.1 1 1	37.1 6 0	45.9 4 0	
36.	HI 1563 (C)	N-3A-34	41.8 10 1	41.7 23 1	35.2 28 0	30.9 18 0	43.1 8 0	
Mean =			40.3	42.9	38.4	30.9	37.1	
S.E.m =			2.351	2.933	1.799	1.094	0.921	
C.D. =			5.7	7.0	4.3	2.6	2.2	
C.V. =			8.3	9.7	6.6	5.0	3.5	
D.O.S. (d.m.y)			20.12.2014	24.12.2014	19.12.2014	16.12.2014	15.12.2014	

1494-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2014-15
Zonal and National Mean Yield (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1.	HD 3199	N-3A-01	40.7	23	0	38.5	21	0	39.7	21	0
2.	WH 1191	N-3A-02	40.8	22	0	31.2	33	0	36.5	30	0
3.	NW 6066	N-3A-03	38.3	31	0	30.2	35	0	34.7	34	0
4.	HUW 710	N-3A-04	37.8	32	0	30.9	34	0	34.6	35	0
5.	NW 6044	N-3A-05	38.6	30	0	39.6	13	0	39.1	25	0
6.	MP 1316	N-3A-06	36.6	34	0	32.8	31	0	34.9	32	0
7.	HP 1967	N-3A-07	39.6	25	0	41.1	8	0	40.3	18	0
8.	HD 3197	N-3A-08	42.4	15	0	41.8	4	0	42.1	8	0
9.	HUW 709	N-3A-09	39.4	28	0	39.1	15	0	39.3	24	0
10.	RAJ 4429	N-3A-11	41.9	16	0	37.0	24	0	39.6	22	0
11.	HD 3198	N-3A-12	44.2	9	0	40.8	10	0	42.7	6	0
12.	DBW 172	N-3A-13	46.6	1	1	42.7	3	0	44.8	2	1
13.	DBW 171	N-3A-14	45.4	3	1	38.6	19	0	42.3	7	0
14.	UP 2913	N-3A-15	41.6	17	0	41.2	7	0	41.4	11	0
15.	K 1412	N-3A-16	41.5	19	0	36.1	26	0	39.0	26	0
16.	WH 1192	N-3A-17	44.5	5	0	46.3	1	1	45.3	1	1
17.	UP 2910	N-3A-18	39.5	27	0	39.3	14	0	39.4	23	0
18.	PBW 735	N-3A-19	44.4	6	0	37.8	23	0	41.4	12	0
19.	HUW 708	N-3A-20	38.7	29	0	32.1	32	0	35.7	31	0
20.	HD 3200	N-3A-21	45.3	4	1	41.0	9	0	43.3	5	0
21.	WH 1193	N-3A-22	41.6	18	0	34.2	29	0	38.2	27	0
22.	K 1413	N-3A-23	36.7	33	0	28.0	36	0	32.8	36	0
23.	PBW 736	N-3A-24	42.6	13	0	38.8	18	0	40.9	14	0
24.	DBW 173	N-3A-26	45.5	2	1	40.8	11	0	43.4	4	0
25.	DBW 174	N-3A-27	41.1	20	0	41.8	5	0	41.4	13	0
26.	UP 2911	N-3A-28	40.8	21	0	38.9	17	0	39.9	20	0
27.	PBW 734	N-3A-29	43.7	10	0	35.8	28	0	40.1	19	0
28.	K 1414	N-3A-31	44.4	7	0	39.1	16	0	42.0	9	0
29.	PBW 733	N-3A-32	39.5	26	0	35.8	27	0	37.8	28	0
30.	JKW 206	N-3A-33	44.2	8	0	36.8	25	0	40.8	15	0
31.	HD 3201	N-3A-35	42.5	14	0	38.3	22	0	40.6	16	0
32.	RAJ 4428	N-3A-36	36.0	36	0	33.5	30	0	34.8	33	0
33.	HD 3059 (C)	N-3A-10	43.6	11	0	39.8	12	0	41.9	10	0
34.	DBW 14 (C)	N-3A-25	39.9	24	0	41.4	6	0	40.6	17	0
35.	DBW 90 (C)	N-3A-30	43.0	12	0	44.6	2	1	43.8	3	0
36.	HI 1563 (C)	N-3A-34	36.5	35	0	38.5	20	0	37.4	29	0
	Mean =		41.4			37.9			39.8		
	C.D. =		1.9			2.0			1.4		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-3A-IR-LS-TAS, 2014-15

SN	Variety	Code	Disease Reaction					Agronomic Characteristics								Grain Characteristics			
			YI	ACI	Br	ACI	BP	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	HD 3199	N-3A-01	20S	6.0	0	0.0	1.8	65-87	77	112-136	124	75-98	87	0	Ey	A	H	25-44	38
2.	WH 1191	N-3A-02	0	0.0	0	0.0	0.8	69-97	81	115-135	123	68-92	82	0	Ey	A	H	20-45	32
3.	NW 6066	N-3A-03	20S	6.2	0	0.0	1	68-88	79	110-136	122	76-99	88	0	Ey	A	H	27-38	34
4.	HUW 710	N-3A-04	20S	4.0	5S	1.25	0	75-99	84	117-139	124	80-98	87	0	Ey	A	H	20-35	30
5.	NW 6044	N-3A-05	10S	2.2	0	0.0	1.4	68-93	81	114-134	125	86-100	94	0	Ey	A	H	26-43	35
6.	MP 1316	N-3A-06	20S	7.0	0	0.0	0	75-94	82	117-135	124	82-99	91	0	Ey	A	H	20-39	30
7.	HP 1961	N-3A-07	tR	0.04	0	0.0	0.2	75-95	85	111-136	123	70-93	85	0	Ey	A	H	22-37	31
8.	HD 3197	N-3A-08	10S	2.04	tS	0.25	0.6	63-88	78	110-136	122	72-94	82	0	Ey	A	H	22-44	34
9.	HUW 709	N-3A-09	5S	1.0	0	0.0	0.4	75-98	85	117-140	126	85-101	91	0	Ey	A	H	25-40	33
10.	RAJ 4429	N-3A-11	0	0.0	5S	1.25	1.2	75-96	82	118-139	126	75-88	82	0	Ey	A	H	24-41	33
11.	HD 3198	N-3A-12	tR	0.04	0	0.0	0	66-87	77	112-134	120	68-93	82	10	Ey	A	H	20-37	32
12.	DBW 172	N-3A-13	tS	0.2	5S	1.25	0.4	76-90	82	116-137	125	75-106	86	0	Ey	A	H	28-43	33
13.	DBW 171	N-3A-14	5S	1.2	0	0.0	2.6	71-94	83	116-137	124	82-96	89	0	Ey	A	H	25-41	35
14.	UP 2913	N-3A-15	20S	8.0	0	0.0	1.2	75-96	86	118-135	124	80-95	86	0	Ey	A	H	25-37	33
15.	K 1412	N-3A-16	10S	3.2	tS	0.25	0	65-93	81	112-135	122	80-95	88	0	Ey	A	H	20-37	32
16.	WH 1192	N-3A-17	20S	6.0	tS	0.25	0.2	71-90	80	113-134	121	73-95	83	0	Ey	A	H	23-45	37
17.	UP 2910	N-3A-18	20S	5.2	5S	1.25	2.2	67-95	81	118-139	123	84-92	88	0	Ey	A	H	23-45	35
18.	PBW 735	N-3A-19	0	0.0	5S	1.25	0.2	66-88	78	111-134	120	77-100	87	0	Ey	A	H	25-42	36
19.	HUW 708	N-3A-20	tR	0.04	0	0.0	0	75-94	82	116-135	123	80-94	86	0	Ey	A	H	20-37	30
20.	HD 3200	N-3A-21	10S	4.0	0	0.0	0.8	76-94	85	116-136	125	75-95	87	0	Ey	A	H	25-42	35
21.	WH 1193	N-3A-22	5S	2.0	5S	1.25	0.8	75-96	84	118-135	124	80-91	85	10	Ey	A	H	20-47	33
22.	K 1413	N-3A-23	10S	4.0	0	0.0	1	70-92	83	113-133	123	80-99	89	30	Ey	A	H	20-41	31
23.	PBW 736	N-3A-24	10S	4.0	20S	5.0	1.2	77-95	85	118-140	125	80-96	88	0	Ey	A	H	25-40	34
24.	DBW 173	N-3A-26	5S	2.0	tS	0.25	1	75-94	82	117-138	124	86-96	92	0	Ey	A	H	25-39	34
25.	DBW 174	N-3A-27	5S	2.0	5S	1.25	0.6	77-90	83	113-134	124	73-86	80	0	Ey	A	H	26-46	34
26.	UP 2911	N-3A-28	20S	6.2	10S	2.5	0	76-94	85	119-137	126	72-96	88	0	Ey	A	H	20-37	30
27.	PBW 734	N-3A-29	0	0.0	5S	1.5	0	76-95	84	113-134	123	80-100	87	0	Ey	A	H	20-37	31
28.	K 1414	N-3A-31	5S	1.04	0	0.0	1	74-96	83	115-139	125	73-94	87	0	Ey	A	H	26-42	35
29.	PBW 733	N-3A-32	0	0.0	5S	1.5	0	67-90	81	111-138	123	80-101	90	0	Ey	A	H	24-40	35
30.	JKW 206	N-3A-33	5S	1.0	0	0.0	1	71-94	82	114-139	125	78-103	90	0	Ey	A	SH-H	25-43	35
31.	HD 3201	N-3A-35	40S	18.0	5S	1.25	0	71-95	84	114-135	124	80-92	86	0	Ey	A	H	21-41	35
32.	RAJ 4428	N-3A-36	5S	1.04	5S	1.25	0	67-96	81	109-137	122	75-90	82	0	Ey	A	H	20-44	33
33.	HD 3059 (C)	N-3A-10	20S	6.24	0	0.0	1.2	71-95	82	115-138	124	75-103	88	0	Ey	A	H	22-40	35
34.	DBW 14 (C)	N-3A-25	20S	6.0	tS	0.25	1.6	65-89	79	110-134	120	70-102	78	0	Ey	A	H	25-39	34
35.	DBW 90 (C)	N-3A-30	5S	1.2	0	0.0	1	71-90	80	113-137	122	73-92	83	0	Ey	A	H	25-44	36
36.	HI 1563 (C)	N-3A-34	20S	7.0	tS	0.25	0.4	64-90	80	114-136	124	70-100	85	0	Ey	A	H	20-41	36

1. Ancillary data from Delhi, Ludhiana, Gurdaspur, Hisar, Karnal and Pantnagar. Lodging data from Gurdaspur.
2. Powdery mildew data from Delhi. Brown rust data from Gurdaspur, Ludhiana, Hisar and Karnal. .
3. Yellow rust data from Delhi, Ludhiana, Gurdaspur, Pantnagar and Karnal. Black point data from Gurdaspur.

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North Western Plain Zone
Individual Station Rust Data

SN	Variety	Code	Ludhiana		Gurdaspur		Karnal		Hisar		Delhi	Pantnagar
			Br	YI	Br	YI	Br	YI	Br	YI	YI	
1	HD 3199	N-3A-01	0	20S	0	10S	0	0	0	0	0	0
2	WH 1191	N-3A-02	0	0	0	0	0	0	0	0	0	0
3	NW 6066	N-3A-03	0	20S	0	10S	0	0	0	0	0	tS
4	HUW 710	N-3A-04	0	0	5S	20S	0	0	0	0	0	0
5	NW 6044	N-3A-05	0	tS	0	10S	0	0	0	0	0	0
6	MP 1316	N-3A-06	0	20S	0	10S	0	0	0	0	0	5S
7	HP 1961	N-3A-07	0	0	0	tR	0	0	0	0	0	0
8	HD 3197	N-3A-08	0	10S	0	tR	0	0	ts	0	0	0
9	HUW 709	N-3A-09	0	0	0	5S	0	0	0	0	0	0
10	RAJ 4429	N-3A-11	0	0	0	0	5S	0	0	0	0	0
10	HD 3198	N-3A-12	0	0	0	tR	0	0	0	0	0	0
12	DBW 172	N-3A-13	0	tS	5S	0	0	0	0	0	0	0
13	DBW 171	N-3A-14	0	tS	0	5S	0	0	0	0	0	0
14	UP 2913	N-3A-15	0	20S	0	10S	0	0	0	0	0	10S
15	K 1412	N-3A-16	0	10S	0	5S	0	0	ts	0	0	tS
16	WH 1192	N-3A-17	0	20S	0	10S	0	0	ts	0	0	0
17	UP 2910	N-3A-18	5S	20S	0	5S	0	0	0	0	0	tS
18	PBW 735	N-3A-19	5S	0	0	0	0	0	0	0	0	0
19	HUW 708	N-3A-20	0	0	0	tR	0	0	0	0	0	0
20	HD 3200	N-3A-21	0	10S	0	10S	0	0	0	0	0	0
21	WH 1193	N-3A-22	5S	5S	0	5S	0	0	0	0	0	0
22	K 1413	N-3A-23	0	10S	0	10S	0	0	0	0	0	0
23	PBW 736	N-3A-24	0	10S	0	5S	0	5S	20S	0	0	0
24	DBW 173	N-3A-26	0	5S	0	5S	tS	0	0	0	0	0
25	DBW 174	N-3A-27	0	5S	5S	5S	0	0	0	0	0	0
26	UP 2911	N-3A-28	0	20S	10S	10S	0	0	0	0	0	tS
27	PBW 734	N-3A-29	0	0	5S	0	tS	0	0	0	0	0
28	K 1414	N-3A-31	0	0	0	tR	0	5S	0	0	0	0
29	PBW 733	N-3A-32	0	0	5S	0	0	0	ts	0	0	0
30	JKW 206	N-3A-33	0	0	0	5S	0	0	0	0	0	0
31	HD 3201	N-3A-35	5S	30S	0	20S	0	0	0	0	0	40S
32	RAJ 4428	N-3A-36	0	5S	5S	tR	0	0	0	0	0	0
33	HD 3059 (C)	N-3A-10	0	20S	0	10S	0	0	0	tMS	0	tMR
34	DBW 14 (C)	N-3A-25	0	20S	0	10S	0	0	ts	0	0	0
35	DBW 90 (C)	N-3A-30	0	0	0	5S	0	0	0	0	0	0
36	HI 1563 (C)	N-3A-34	0	20S	0	10S	0	0	tS	0	0	5S

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: NIVT-3A-IR-LS-TAS, 2014-15

SN	Variety	Code	Disease Reaction		Agronomic Characteristics								Grain Characteristics			
			Br	LB (HS, Av)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	HD 3199	N-3A-01	0	47 (23)	58-112	73	99-149	111	74-93	83	0	Ey	A	SH-H	32-46	37
2.	WH 1191	N-3A-02	0	68 (46)	65-100	75	99-141	111	70-94	81	0	Ey	A	SH-H	21-39	30
3.	NW 6066	N-3A-03	0	68 (24)	66-101	73	98-141	109	80-98	89	0	Ey	A	SH	23-42	33
4.	HUW 710	N-3A-04	0	36 (13)	69-110	78	104-147	114	81-94	88	5	Ey	A	SH	21-38	31
5.	NW 6044	N-3A-05	0	13 (12)	60-107	74	98-142	110	80-107	93	0	Ey	A	SH-H	31-44	36
6.	MP 1316	N-3A-06	0	36 (13)	69-110	78	100-147	113	85-98	91	0	Ey	A	SH-H	21-37	29
7.	HP 1961	N-3A-07	0	37 (14)	64-110	75	98-148	111	77-95	86	5	Ey	A	SH-H	30-41	35
8.	HD 3197	N-3A-08	0	35 (12)	60-109	73	98-145	109	80-98	87	0	Ey	A	SH-H	28-42	36
9.	HUW 709	N-3A-09	0	36 (13)	64-111	76	100-149	113	78-101	88	0	Ey	A	SO-SH	28-41	35
10.	RAJ 4429	N-3A-11	0	34 (11)	71-107	79	105-145	116	78-93	85	0	Ey	A	SH-H	26-35	31
11.	HD 3198	N-3A-12	0	36 (24)	65-109	73	97-145	111	79-94	88	5	Ey	A	SH-H	26-41	32
12.	DBW 172	N-3A-13	20S	24 (01)	76-104	80	106-146	116	78-93	86	0	Ey	A	SH-H	28-38	33
13.	DBW 171	N-3A-14	10S	34 (12)	69-89	75	103-143	113	84-98	90	5	Ey	A	SH-H	30-38	34
14.	UP 2913	N-3A-15	0	35 (12)	71-108	80	106-148	116	78-89	84	0	Ey	A	SH-H	25-40	35
15.	K 1412	N-3A-16	0	57 (24)	65-103	75	100-145	113	88-98	93	0	Ey	A	SH	26-37	32
16.	WH 1192	N-3A-17	0	12 (01)	68-111	76	100-150	113	74-88	80	0	Ey	A	SH	34-43	38
17.	UP 2910	N-3A-18	0	24 (12)	65-105	74	102-142	112	78-97	88	0	Ey	A	SH	29-40	36
18.	PBW 735	N-3A-19	0	36 (24)	67-100	73	98-141	111	81-93	86	0	Ey	A	SH	26-43	36
19.	HUW 708	N-3A-20	0	35 (24)	69-111	78	100-150	114	81-95	88	20	Ey	A	SH	25-41	31
20.	HD 3200	N-3A-21	0	23 (02)	70-106	78	105-143	115	84-95	88	10	Ey	A	SH	29-42	36
21.	WH 1193	N-3A-22	0	24 (13)	70-102	78	100-145	114	82-96	89	10	Ey	A	SH	21-41	31
22.	K 1413	N-3A-23	0	47 (36)	69-106	76	98-144	110	82-96	91	10	Ey	A	SH-H	29-46	33
23.	PBW 736	N-3A-24	0	23 (12)	70-106	79	105-146	115	76-89	83	0	Ey	A	SH	23-42	36
24.	DBW 173	N-3A-26	0	35 (12)	68-104	76	104-144	113	84-98	90	0	Ey	A	SH-H	30-40	35
25.	DBW 174	N-3A-27	0	25 (13)	72-107	79	105-142	116	80-91	84	10	Ey	A	SH-H	29-42	35
26.	UP 2911	N-3A-28	0	23 (11)	71-111	80	105-147	116	80-98	89	10	Ey	A	SH-H	25-38	33
27.	PBW 734	N-3A-29	0	37 (24)	68-106	77	98-141	112	82-99	88	0	Ey	A	SH-H	19-38	31
28.	K 1414	N-3A-31	0	34 (12)	68-104	76	98-146	112	85-101	91	20	Ey	A	SH-H	26-41	33
29.	PBW 733	N-3A-32	0	35 (24)	65-105	73	99-145	110	86-100	94	0	Ey	A	SH-H	31-40	35
30.	JKW 206	N-3A-33	0	34 (12)	68-110	76	98-147	110	86-99	92	10	Ey	A	SO-SH	27-41	33
31.	HD 3201	N-3A-35	0	23 (12)	70-109	78	105-140	115	84-104	90	0	Ey	A	SH-H	29-45	36
32.	RAJ 4428	N-3A-36	0	47 (24)	65-101	76	99-142	112	73-89	83	0	Ey	A	SH-H	27-40	33
33.	HD 3059 (C)	N-3A-10	0	34 (13)	68-106	76	104-142	114	81-97	89	0	Ey	A	SH-H	27-40	34
34.	DBW 14 (C)	N-3A-25	0	34 (12)	58-107	72	93-145	110	67-85	75	0	Ey	A	SH-H	34-44	37
35.	DBW 90 (C)	N-3A-30	0	36 (13)	68-106	75	100-146	112	80-93	87	0	Ey	A	SH-H	30-39	34
36.	HI 1563 (C)	N-3A-34	0	35 (13)	58-107	71	99-142	110	82-101	89	0	Ey	A	SH-H	30-41	36

1. Ancillary data from Kanpur, Faizabad, Pusa, Varanasi, Ranchi, Sabour and Coochbehar.
2. Lodging data from Varanasi, Faizabad and Coochbehar.
3. Leaf blight data from Kanpur, Faizabad, Varanasi, Ranchi, Sabour. Brown rust data from Kanpur.

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North Eastern Plain Zone
Individual Station Leaf blight Data

SN	Variety	Code	Kanpur	Faizabad	Varanasi	Ranchi	Sabour
1.	HD 3199	N-3A-01	47	12	24	24	02
2.	WH 1191	N-3A-02	47	57	68	24	13
3.	NW 6066	N-3A-03	00	46	68	03	02
4.	HUW 710	N-3A-04	36	01	12	02	03
5.	NW 6044	N-3A-05	00	12	12	13	02
6.	MP 1316	N-3A-06	36	01	12	02	00
7.	HP 1961	N-3A-07	37	24	03	35	12
8.	HD 3197	N-3A-08	00	12	35	02	02
9.	HUW 709	N-3A-09	36	01	13	03	02
10.	RAJ 4429	N-3A-11	12	00	01	13	34
11.	HD 3198	N-3A-12	24	36	35	02	35
12.	DBW 172	N-3A-13	00	00	00	03	24
13.	DBW 171	N-3A-14	00	00	02	02	34
14.	UP 2913	N-3A-15	24	00	01	00	35
15.	K 1412	N-3A-16	26	12	57	12	24
16.	WH 1192	N-3A-17	12	00	01	02	12
17.	UP 2910	N-3A-18	00	24	24	02	23
18.	PBW 735	N-3A-19	36	24	24	13	24
19.	HUW 708	N-3A-20	24	24	35	03	35
20.	HD 3200	N-3A-21	00	00	02	13	23
21.	WH 1193	N-3A-22	24	01	02	13	24
22.	K 1413	N-3A-23	36	47	47	02	13
23.	PBW 736	N-3A-24	00	00	12	13	23
24.	DBW 173	N-3A-26	00	02	01	13	35
25.	DBW 174	N-3A-27	24	01	01	01	24
26.	UP 2911	N-3A-28	12	00	01	13	23
27.	PBW 734	N-3A-29	12	24	25	02	13
28.	K 1414	N-3A-31	00	00	02	13	34
29.	PBW 733	N-3A-32	24	24	35	00	35
30.	JKW 206	N-3A-33	00	12	02	03	34
31.	HD 3201	N-3A-35	12	01	01	02	23
32.	RAJ 4428	N-3A-36	24	35	47	35	34
33.	HD 3059 (C)	N-3A-10	24	12	12	02	34
34.	DBW 14 (C)	N-3A-25	12	00	01	13	34
35.	DBW 90 (C)	N-3A-30	24	36	35	02	35
36.	HI 1563 (C)	N-3A-34	00	00	00	03	24