1804-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2018-19

LOCATIONWISE MEAN YIELD (q/ha)

S.N.	Variety	Code	NWPZ															
			Delhi			Punjab						J&K			Haryana					
			Delhi			Gurdaspur			Ludhiana			Jammu			Karnal			Hisar		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	UP 3033	N-401	44.4	29	0	56.7	8	0	51.1	20	0	49.3	10	0	58.0	11	0	53.3	7	1
2	WH 1264	N-402	47.5	23	0	53.0	16	0	58.3	7	1	40.1	25	0	72.2	1	1	47.8	23	0
3	PBW 811	N-403	55.7	2	1	55.0	11	0	60.2	1	1	43.4	18	0	66.6	3	1	57.1	2	1
4	UP 3035	N-404	33.9	35	0	52.4	19	0	37.1	34	0	42.6	23	0	37.5	34	0	38.4	34	0
5	WH 1263	N-405	48.6	16	0	49.0	25	0	43.3	31	0	39.2	28	0	48.3	28	0	54.4	4	1
6	PBW 814	N-406	52.3	9	1	55.6	10	0	50.6	22	0	46.3	14	0	51.6	22	0	49.9	16	0
7	JKW 267	N-407	48.2	20	0	47.0	29	0	51.5	19	0	55.7	2	1	44.6	31	0	51.0	12	0
8	HD 3329	N-409	49.8	14	1	49.2	24	0	58.7	3	1	34.0	36	0	52.3	21	0	52.9	8	1
9	HD 3330	N-410	54.1	6	1	45.7	31	0	54.8	12	1	42.7	22	0	62.3	5	0	51.8	9	0
10	JAUW 673	N-411	45.7	28	0	45.8	30	0	49.3	24	0	36.5	32	0	55.9	17	0	51.0	13	0
11	HD 3334	N-413	54.3	5	1	64.2	3	0	56.0	10	1	54.0	4	1	56.0	16	0	49.8	18	0
12	Raj 4544	N-414	47.1	26	0	54.1	13	0	50.8	21	0	45.5	15	0	46.6	30	0	56.8	3	1
13	DBW 292	N-415	41.8	32	0	73.4	1	1	54.9	11	1	40.9	24	0	47.5	29	0	47.2	26	0
14	K 1808	N-416	51.7	10	1	58.3	7	0	48.7	25	0	35.5	33	0	54.8	19	0	49.8	17	0
15	UP 3034	N-417	39.5	33	0	52.4	18	0	38.6	33	0	43.3	19	0	48.6	26	0	50.5	15	0
16	JKW 261	N-418	54.5	4	1	54.4	12	0	54.2	14	1	44.3	16	0	57.2	13	0	51.4	11	0
17	WH 1266	N-419	47.8	22	0	48.7	26	0	45.8	28	0	43.2	20	0	57.0	14	0	57.7	1	1
18	DBW 291	N-420	48.2	19	0	56.1	9	0	54.3	13	1	50.8	7	1	49.6	25	0	53.7	6	1
19	JKW 268	N-422	46.5	27	0	54.1	14	0	52.8	16	0	43.5	17	0	59.6	9	0	41.4	31	0
20	DBW 294	N-423	47.4	24	0	50.4	23	0	58.6	6	1	38.7	29	0	60.4	6	0	37.1	35	0
21	HD 3332	N-424	55.8	1	1	48.4	27	0	58.7	4	1	47.1	12	0	59.4	10	0	48.1	21	0
22	NW 7062	N-425	51.5	11	1	43.6	32	0	56.9	8	1	49.8	8	0	56.5	15	0	40.4	32	0
23	HD 3333	N-426	48.6	17	0	40.8	35	0	52.2	18	0	35.4	34	0	48.3	27	0	39.1	33	0
24	DBW 290	N-427	52.6	8	1	65.5	2	0	46.8	26	0	54.6	3	1	60.2	8	0	47.9	22	0
25	WH 1265	N-428	47.2	25	0	59.6	5	0	45.0	30	0	39.2	27	0	44.5	32	0	50.8	14	0
26	PBW 812	N-429	53.2	7	1	50.4	22	0	46.2	27	0	52.9	5	1	68.1	2	1	48.5	20	0
27	PBW 813	N-430	49.5	15	1	59.0	6	0	58.6	5	1	49.8	9	0	57.6	12	0	46.4	27	0
28	DBW 293	N-431	51.4	12	1	50.5	21	0	52.7	17	0	37.4	31	0	55.7	18	0	45.3	28	0
29	HD 3331	N-432	55.3	3	1	47.3	28	0	45.3	29	0	58.0	1	1	63.9	4	0	51.5	10	0
30	NW 7053	N-433	48.4	18	0	52.3	20	0	50.1	23	0	52.6	6	1	51.4	23	0	43.8	29	0
31	Raj 4543	N-435	36.7	34	0	52.5	17	0	39.4	32	0	47.4	11	0	40.8	33	0	48.6	19	0
32	K 1807	N-436	32.2	36	0	42.0	33	0	35.8	35	0	42.9	21	0	36.3	35	0	33.9	36	0
33	DBW 173 (C)	N-408	51.2	13	1	62.4	4	0	59.2	2	1	35.4	35	0	60.4	7	0	47.4	25	0
34	HD 3059 (C)	N-412	42.0	31	0	41.9	34	0	53.9	15	1	39.4	26	0	51.0	24	0	47.4	24	0
35	DBW 107 (C)	N-421	48.0	21	0	54.1	15	0	56.3	9	1	46.4	13	0	54.1	20	0	53.7	5	1
36	HI 1563 (C)	N-434	42.3	30	0	38.2	36	0	34.7	36	0	37.9	30	0	22.3	36	0	42.8	30	0
G.M.			47.9			52.3			50.6			44.3			53.2			48.3		
S.E.(M)			2.870			2.925			2.723			3.309			3.210			2.367		
C.D. (10%)			6.9			7.1			6.6			8.0			7.8			5.7		
C.V.			8.5			7.9			7.6			10.6			8.5			6.9		
D.O.S.(dd.mm.yy)			18.12.18			19.12.18			15.12.18			20.12.18			16.12.18			11.12.18		

No. of Trials : Proposed = 17 Conducted = 17

Trials not reported (01) = RPCAU-Pusa (LSM)

1804-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2018-19

LOCATIONWISE MEAN YIELD (q/ha)

S.N.	Variety	Code	NWPZ						NEPZ			NEPZ			NEPZ			NEPZ		
			Uttarakhand			Rajasthan			Uttar Pradesh									Bihar		
			Pantnagar			Durgapura			Kanpur			Faizabad			Varanasi			Sabour		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	UP 3033	N-401	46.1	22	0	53.8	7	0	44.3	7	0	41.8	33	0	46.1	19	0	31.5	30	0
2	WH 1264	N-402	52.7	6	0	52.1	11	0	29.2	36	0	48.8	14	0	48.1	14	0	37.6	13	0
3	PBW 811	N-403	56.8	1	1	66.0	2	1	49.2	2	1	54.7	4	1	46.5	16	0	36.9	18	0
4	UP 3035	N-404	31.3	35	0	41.1	32	0	39.4	18	0	43.0	28	0	39.0	36	0	28.9	34	0
5	WH 1263	N-405	43.3	28	0	42.8	25	0	41.4	12	0	45.4	19	0	42.8	31	0	32.3	26	0
6	PBW 814	N-406	48.1	19	0	49.8	15	0	37.0	25	0	44.7	21	0	52.1	6	0	34.3	20	0
7	JKW 267	N-407	40.9	32	0	49.2	16	0	31.5	34	0	42.6	29	0	43.4	29	0	33.8	22	0
8	HD 3329	N-409	49.7	13	0	48.0	20	0	36.5	29	0	49.5	13	0	55.7	1	1	41.7	10	0
9	HD 3330	N-410	41.3	30	0	42.8	25	0	38.2	23	0	42.4	32	0	47.1	15	0	39.2	12	0
10	JAUW 673	N-411	52.5	7	0	42.2	28	0	44.3	7	0	40.8	35	0	44.2	27	0	29.3	33	0
11	HD 3334	N-413	53.3	5	1	56.7	4	0	44.6	6	0	43.7	26	0	50.4	7	0	36.9	17	0
12	Raj 4544	N-414	49.8	12	0	40.5	34	0	40.8	13	0	43.9	25	0	49.8	10	0	42.5	9	0
13	DBW 292	N-415	40.9	31	0	52.1	11	0	44.6	4	0	46.9	18	0	44.5	23	0	47.2	3	1
14	K 1808	N-416	48.0	20	0	42.8	25	0	39.4	18	0	54.2	5	1	40.8	35	0	30.0	32	0
15	UP 3034	N-417	49.5	14	0	50.9	13	0	44.0	10	0	42.4	31	0	46.1	18	0	28.6	35	0
16	JKW 261	N-418	52.2	9	0	58.4	3	0	31.8	33	0	43.5	27	0	44.4	24	0	33.2	23	0
17	WH 1266	N-419	48.6	17	0	49.2	16	0	38.8	22	0	38.6	36	0	44.8	22	0	32.0	27	0
18	DBW 291	N-420	54.2	3	1	48.6	18	0	40.2	15	0	57.3	1	1	45.9	20	0	27.5	36	0
19	JKW 268	N-422	48.4	18	0	50.9	13	0	29.8	35	0	52.9	7	1	41.8	33	0	43.4	8	0
20	DBW 294	N-423	56.4	2	1	53.2	9	0	37.0	25	0	44.9	20	0	48.5	13	0	37.1	16	0
21	HD 3332	N-424	48.8	16	0	48.6	18	0	44.6	4	0	40.9	34	0	50.3	8	0	46.3	4	1
22	NW 7062	N-425	44.7	26	0	52.7	10	0	37.6	24	0	52.4	9	1	42.8	32	0	31.5	29	0
23	HD 3333	N-426	31.4	34	0	41.1	32	0	39.1	21	0	48.6	15	0	50.1	9	0	41.3	11	0
24	DBW 290	N-427	50.4	11	0	53.8	7	0	40.2	15	0	55.5	2	1	53.6	3	1	48.9	2	1
25	WH 1265	N-428	45.3	25	0	46.9	22	0	44.3	7	0	44.2	24	0	44.9	21	0	37.2	14	0
26	PBW 812	N-429	53.3	4	1	56.7	4	0	43.1	11	0	49.6	12	0	49.3	11	0	44.8	5	0
27	PBW 813	N-430	46.1	21	0	68.3	1	1	49.5	1	1	51.4	10	1	54.9	2	1	44.5	6	0
28	DBW 293	N-431	41.9	29	0	41.7	29	0	36.7	28	0	55.5	3	1	53.2	4	1	32.3	25	0
29	HD 3331	N-432	44.0	27	0	43.4	24	0	32.4	32	0	48.2	16	0	43.4	28	0	44.0	7	0
30	NW 7053	N-433	52.2	8	0	41.7	29	0	39.6	17	0	42.4	30	0	41.5	34	0	32.4	24	0
31	Raj 4543	N-435	30.6	36	0	47.5	21	0	33.9	31	0	44.6	22	0	44.3	25	0	32.0	28	0
32	K 1807	N-436	45.3	24	0	28.9	36	0	37.0	25	0	54.2	6	1	44.2	26	0	34.3	21	0
33	DBW 173 (C)	N-408	39.3	33	0	38.8	35	0	40.8	13	0	52.7	8	1	49.0	12	0	31.5	31	0
34	HD 3059 (C)	N-412	49.4	15	0	55.0	6	0	45.7	3	1	50.4	11	0	52.7	5	0	34.9	19	0
35	DBW 107 (C)	N-421	50.5	10	0	45.7	23	0	36.2	30	0	47.4	17	0	43.0	30	0	50.3	1	1
36	HI 1563 (C)	N-434	45.9	23	0	41.7	29	0	39.4	18	0	44.4	23	0	46.1	17	0	37.1	15	0
G.M.			46.7			48.4			39.5			47.3			46.8			36.9		
S.E.(M)			1.644			2.499			1.879			2.717			1.078			1.695		
C.D. (10%)			4.0			6.0			4.5			6.6			2.6			4.1		
C.V.			5.0			7.3			6.7			8.1			3.3			6.5		
D.O.S.(dd.mm.yy)			20.12.18			12.12.18			24.12.18			20.12.18			20.12.18			20.12.18		

1804-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2018-19
LOCATIONWISE MEAN YIELD (q/ha)

S.N.	Variety	Code	NEPZ											
			Bihar			Jharkhand			West Bengal					
			IARI-Pusa			Ranchi			Kalyani			Coochbehar		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	UP 3033	N-401	51.2	5	1	39.1	14	0	39.5	19	0	46.9	5	1
2	WH 1264	N-402	50.4	6	1	39.0	15	0	32.3	33	0	32.0	32	0
3	PBW 811	N-403	52.1	4	1	40.7	11	0	40.3	14	0	46.3	8	1
4	UP 3035	N-404	32.6	36	0	30.4	36	0	30.7	35	0	30.9	34	0
5	WH 1263	N-405	35.4	31	0	34.1	31	0	36.3	25	0	35.9	25	0
6	PBW 814	N-406	45.5	16	0	31.5	35	0	35.9	28	0	33.9	31	0
7	JKW 267	N-407	36.9	30	0	36.4	25	0	37.7	22	0	39.5	20	0
8	HD 3329	N-409	57.2	1	1	40.9	10	1	48.0	5	0	47.4	3	1
9	HD 3330	N-410	42.1	24	0	35.9	26	0	32.3	33	0	39.7	19	0
10	JAUW 673	N-411	38.8	28	0	37.3	19	0	35.9	27	0	28.9	36	0
11	HD 3334	N-413	46.0	15	0	41.9	7	1	37.5	23	0	43.4	12	1
12	Raj 4544	N-414	43.5	21	0	37.7	17	0	49.1	3	0	49.3	1	1
13	DBW 292	N-415	53.8	2	1	47.2	1	1	47.6	6	0	45.6	9	1
14	K 1808	N-416	48.1	11	1	36.6	23	0	35.2	29	0	43.1	13	1
15	UP 3034	N-417	35.3	32	0	40.4	12	0	39.7	17	0	40.6	16	1
16	JKW 261	N-418	48.0	12	0	35.3	29	0	42.7	11	0	36.9	23	0
17	WH 1266	N-419	44.6	19	0	41.1	9	1	30.3	36	0	41.9	15	1
18	DBW 291	N-420	40.1	27	0	39.4	13	0	46.6	8	0	34.9	27	0
19	JKW 268	N-422	49.9	7	1	36.4	24	0	39.7	17	0	46.6	7	1
20	DBW 294	N-423	34.1	34	0	47.0	2	1	44.7	10	0	46.8	6	1
21	HD 3332	N-424	48.7	10	1	41.9	6	1	36.5	24	0	44.8	11	1
22	NW 7062	N-425	42.6	22	0	36.8	21	0	38.1	21	0	36.7	24	0
23	HD 3333	N-426	49.3	8	1	37.1	20	0	48.3	4	0	40.2	18	0
24	DBW 290	N-427	41.7	25	0	44.0	4	1	52.2	2	1	43.0	14	1
25	WH 1265	N-428	43.7	20	0	32.3	34	0	36.2	26	0	30.1	35	0
26	PBW 812	N-429	47.7	13	0	38.3	16	0	38.7	20	0	35.0	26	0
27	PBW 813	N-430	52.2	3	1	41.4	8	1	41.2	12	0	48.6	2	1
28	DBW 293	N-431	40.5	26	0	36.8	22	0	40.4	13	0	40.4	17	1
29	HD 3331	N-432	34.2	33	0	34.7	30	0	39.9	16	0	34.3	29	0
30	NW 7053	N-433	37.7	29	0	33.2	32	0	34.0	32	0	33.9	30	0
31	Raj 4543	N-435	49.0	9	1	32.4	33	0	40.2	15	0	34.3	28	0
32	K 1807	N-436	33.2	35	0	35.6	28	0	34.6	31	0	31.6	33	0
33	DBW 173 (C)	N-408	44.9	18	0	35.8	27	0	35.2	29	0	37.9	22	0
34	HD 3059 (C)	N-412	42.2	23	0	41.9	5	1	45.1	9	0	37.9	21	0
35	DBW 107 (C)	N-421	47.1	14	0	45.3	3	1	52.5	1	1	47.2	4	1
36	HI 1563 (C)	N-434	45.5	17	0	37.4	18	0	46.8	7	0	45.1	10	1
G.M.			44.1			38.1			40.0			39.8		
S.E.(M)			3.783			2.658			1.138			3.739		
C.D. (10%)			9.1			6.4			2.7			8.9		
C.V.			12.1			9.9			4.0			13.3		
D.O.S.(dd.mm.yy)			19.12.18			18.12.18			21.12.18			15.12.18		

1804-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2018-19
ZONAL AND NATIONAL MEANS (q/ha)

S.N.	Variety	Code	NWPZ			NEPZ			NATIONAL		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	UP 3033	N-401	51.6	10	0	42.5	15	0	47.1	10	0
2	WH 1264	N-402	53.0	7	0	39.7	22	0	46.3	15	0
3	PBW 811	N-403	57.6	1	1	45.8	6	0	51.7	1	1
4	UP 3035	N-404	39.3	34	0	34.4	36	0	36.8	36	0
5	WH 1263	N-405	46.1	31	0	37.9	32	0	42.0	32	0
6	PBW 814	N-406	50.5	13	0	39.4	26	0	44.9	20	0
7	JKW 267	N-407	48.5	25	0	37.7	33	0	43.1	29	0
8	HD 3329	N-409	49.3	20	0	47.1	4	1	48.2	8	0
9	HD 3330	N-410	49.4	19	0	39.6	24	0	44.5	24	0
10	JAUW 673	N-411	47.4	27	0	37.5	34	0	42.4	31	0
11	HD 3334	N-413	55.5	2	1	43.1	12	0	49.3	4	0
12	Raj 4544	N-414	48.9	23	0	44.6	7	0	46.7	11	0
13	DBW 292	N-415	49.8	15	0	47.2	3	1	48.5	6	0
14	K 1808	N-416	48.7	24	0	40.9	20	0	44.8	21	0
15	UP 3034	N-417	46.7	30	0	39.6	23	0	43.1	28	0
16	JKW 261	N-418	53.4	6	0	39.5	25	0	46.4	13	0
17	WH 1266	N-419	49.8	16	0	39.0	28	0	44.4	25	0
18	DBW 291	N-420	52.0	8	0	41.5	18	0	46.7	12	0
19	JKW 268	N-422	49.7	17	0	42.6	14	0	46.1	16	0
20	DBW 294	N-423	50.3	14	0	42.5	16	0	46.4	14	0
21	HD 3332	N-424	51.9	9	0	44.2	9	0	48.1	9	0
22	NW 7062	N-425	49.5	18	0	39.8	21	0	44.7	22	0
23	HD 3333	N-426	42.1	33	0	44.3	8	0	43.2	27	0
24	DBW 290	N-427	54.0	4	0	47.4	2	1	50.7	3	1
25	WH 1265	N-428	47.3	28	0	39.1	27	0	43.2	26	0
26	PBW 812	N-429	53.7	5	0	43.3	11	0	48.5	7	0
27	PBW 813	N-430	54.4	3	0	48.0	1	1	51.2	2	1
28	DBW 293	N-431	47.1	29	0	42.0	17	0	44.5	23	0
29	HD 3331	N-432	51.1	12	0	38.9	29	0	45.0	19	0
30	NW 7053	N-433	49.1	22	0	36.9	35	0	43.0	30	0
31	Raj 4543	N-435	42.9	32	0	38.8	30	0	40.9	33	0
32	K 1807	N-436	37.2	36	0	38.1	31	0	37.6	35	0
33	DBW 173 (C)	N-408	49.2	21	0	41.0	19	0	45.1	18	0
34	HD 3059 (C)	N-412	47.5	26	0	43.9	10	0	45.7	17	0
35	DBW 107 (C)	N-421	51.1	11	0	46.1	5	1	48.6	5	0
36	HI 1563 (C)	N-434	38.2	35	0	42.7	13	0	40.5	34	0
G.M.			49.0			41.6			45.3		
S.E.(M)			0.968			0.898			0.660		
C.D. (10%)			2.3			2.1			1.5		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone **Trial: NIVT-3A-IR-LS-TAS, 2018-19**

SN	Variety	Code	Disease Reactions					Agronomic Characteristics								Grain Characteristics			
			YI	ACI	Br	PM	BP	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	UP3033	N-401	20S	7.0	0	-	1.3	81-98	89	113-138	124	80-105	94	0	Ey	A	H	29-46	37
2.	WH1264	N-402	40S	7.7	0	3	0.7	78-100	88	111-138	124	85-111	99	0	Ey	A	H	36-49	41
3.	PBW811	N-403	10S	2.5	tS	-	0.5	73-98	83	109-138	122	86-103	95	10	Ey	A	H	30-43	38
4.	UP3035	N-404	20S	4.8	0	3	0.7	84-98	92	113-138	125	75-108	90	5	Ey	A	H	22-39	31
5.	WH1263	N-405	20S	6.4	0	4	0.5	78-98	88	113-138	124	85-105	93	0	Ey	A	SH-H	29-44	38
6.	PBW814	N-406	20S	3.5	0	3	1.2	82-100	90	117-140	126	85-111	101	0	Ey	A	SH-H	33-45	38
7.	JKW267	N-407	10S	2.8	0	4	0.4	80-98	89	111-136	124	75-106	93	0	Ey	A	SH-H	26-43	37
8.	HD3329	N-409	80S	15.4	0	4	4.1	76-98	85	109-138	123	85-103	94	10	Ey	A	H	31-44	38
9.	HD3330	N-410	10S	4.3	5S	-	3.2	81-98	89	111-138	125	75-110	98	5	Ey	A	H	30-50	38
10.	JAUW 673	N-411	40S	7.1	0	3	0.3	78-100	88	111-140	124	96-112	100	0	Ey	A	H	35-46	40
11.	HD3334	N-413	10MS	3.3	10S	3	2.3	78-95	88	109-136	124	95-110	101	10	Ey	A	H	32-45	39
12.	Raj4544	N-414	40S	7.7	0	4	2.0	86-100	93	115-136	126	85-109	98	10	Ey	A	SH-H	32-44	38
13.	DBW292	N-415	40S	12.4	0	3	1.9	74-98	85	108-138	123	84-107	92	5	Ey	A	SH-H	31-42	36
14.	K1808	N-416	40S	10.6	0	4	0.7	83-100	89	111-138	124	98-113	102	10	Ey	A	SH-H	28-50	38
15.	UP3034	N-417	20S	7.0	5S	-	0.4	79-98	88	111-138	124	80-107	90	10	Ey	A	SH-H	29-40	37
16.	JKW261	N-418	10S	5.7	0	2	0.8	80-98	89	113-136	124	70-107	95	0	Ey	A	SH-H	27-40	35
17.	WH1266	N-419	40S	6.9	0	5	1.1	82-98	91	113-136	125	80-108	96	10	Ey	A	H	30-43	37
18.	DBW291	N-420	5S	1.4	10S	3	0.8	73-100	86	111-138	124	98-127	108	10	Ey	A	SH-H	30-41	37
19.	JKW268	N-422	40S	7.4	0	3	2.7	82-98	89	113-138	125	88-106	96	0	Ey	A	SH-H	31-46	37
20.	DBW294	N-423	60S	10.3	0	2	0.4	79-98	89	111-138	124	75-108	92	0	Ey	A	SH-H	31-42	36
21.	HD3332	N-424	10S	3.9	0	3	1.9	76-92	84	111-135	124	90-110	98	10	Ey	A	SH-H	34-47	40
22.	NW7062	N-425	10MS	3.7	0	2	0.4	80-98	87	111-138	123	80-110	97	0	Ey	A	H	30-41	37
23.	HD3333	N-426	80S	16.4	0	4	1.4	77-98	88	109-138	123	92-108	98	15	Ey	A	SH-H	31-45	38
24.	DBW290	N-427	20S	5.1	0	-	0.4	79-98	90	113-138	126	88-117	101	0	Ey	A	SH-H	35-52	42
25.	WH1265	N-428	40S	7.7	5S	3	0.6	79-98	88	109-138	123	75-108	91	0	Ey	A	SH-H	26-44	36
26.	PBW812	N-429	20S	7.4	0	-	1.6	76-95	84	111--136	122	86-112	96	0	Ey	A	SH-H	32-48	39
27.	PBW813	N-430	0.0	0.0	0	2	1.4	77-92	85	108-135	122	81-104	90	10	Ey	A	SH	31-40	36
28.	DBW293	N-431	60S	11.7	10S	3	0.2	81-100	89	115-138	125	82-117	101	5	Ey	A	SH-H	27-43	33
29.	HD3331	N-432	10MS	2.1	0	-	0.5	82-100	91	115-138	126	82-122	103	5	Ey	A	SH-H	27-41	35
30.	NW7053	N-433	50MS	8.3	0	-	0.8	76-95	85	108-136	122	82-105	97	20	Ey	A	SH	23-43	35
31.	Raj4543	N-435	40S	11.9	0	-	1.4	78-98	88	115-138	124	85-104	91	5	Ey	A	H	29-44	36
32.	K1807	N-436	60S	24.1	ts	-	0.8	79-98	88	111-138	125	98-151	119	30	Ey	A	H	32-47	40
33.	DBW173 (C)	N-408	10S	5.3	0	-	0.3	80-98	89	113-136	125	80-109	98	5	Ey	A	SH-H	32-41	37
34.	HD3059 (C)	N-412	40S	24.4	0	3	0.3	79-98	89	111-138	125	82-108	94	0	Ey	A	H	30-42	36
35.	DBW107 (C)	N-421	10S	3.0	0	4	1.4	73-92	83	109-135	122	84-114	96	20	Ey	A	SH-H	32-46	39
36.	HI1563 (C)	N-434	60S	46.4	0	-	1.5	72-98	85	109-138	124	83-110	95	15	Ey	A	H	21-40	35

1. Ancillary data from Delhi, Ludhiana, Gurdaspur, Hisar, Karnal, Durgapura, Jammu and Pantnagar. 2. Lodging data from Ludhiana, Guradspur, Karnal.
3. Brown rust data from Pantnagar; Yellow rust data from Ludhiana, Delhi, Hisar, Gurdaspur, Karnal, Jammu, Pantnagar; Powdery Mildew data from Karnal.
4. Black Point data from Karnal and Guradspur.

NIVT-3A-IR-LS-TAS, 2018-19
North Western Plain Zone
Individual Station Rust Data

SN	Variety	Code	Pantnagar		Ludhiana	Hisar	Delhi	Gurdaspur	Jammu	Karnal
			Br	Yl	Yl	Yl	Yl	Yl	Yl	Yl
1	UP3033	N-401	0	0	10MS	0	0	tMS	20S	20S
2	WH1264	N-402	0	0	5MS	0	0	5S	40S	5S
3	PBW811	N-403	tS	0	5MR	0	0	5S	10S	tMR
4	UP3035	N-404	0	0	5MS	tMR	0	5MS	5S	20S
5	WH1263	N-405	0	0	20S	0	0	tMS	20S	5MS
6	PBW814	N-406	0	0	0S	0	0	tMS	20S	5MS
7	JKW267	N-407	0	0	10S	0	0	tMS	5S	5MS
8	HD3329	N-409	0	0	5S	5S	0	10MS	80S	10S
9	HD3330	N-410	5S	0	5S	5 S	0	10S	5S	5S
10	JAUW 673	N-411	0	0	5MS	0	0	tMS	40S	5S
11	HD3334	N-413	10S	tS	10MS	tMR	0	tMS	5S	10MS
12	Raj4544	N-414	0	0	10S	tMR	0	5MS	40S	0
13	DBW292	N-415	0	0	20MS	0	0	tMS	40S	30S
14	K1808	N-416	0	5S	20S	tMR	0	tMS	40S	10MS
15	UP3034	N-417	5S	0	20S	5MS	0	tMS	20S	5MS
16	JKW261	N-418	0	tS	10S	10S	TS	5S	5S	10MS
17	WH1266	N-419	0	0	5MS	0	0	5MS	40S	0
18	DBW291	N-420	10S	0	5MR	0	0	tMS	5S	5MR
19	JKW268	N-422	0	0	10MR	tMS	0	5S	40S	5MR
20	DBW294	N-423	0	0	5MS	tMS	0	5S	60S	5MR
21	HD3332	N-424	0	0	10MS	tMS	TMS	5MS	10S	5MS
22	NW7062	N-425	0	0	10MS	5MS	5S	5MS	0	5S
23	HD3333	N-426	0	0	20MS	5S	0	10S	80S	10MR
24	DBW290	N-427	0	0	10MS	5S	0	tMS	20S	5MR
25	WH1265	N-428	5S	0	5S	0	0	5S	40S	5MS
26	PBW812	N-429	0	0	20S	0	0	5MS	20S	10MS
27	PBW813	N-430	0	0	0S	0	0	0	0	0
28	DBW293	N-431	10S	0	10MS	tMS	0	5MS	60S	5S
29	HD3331	N-432	0	0	10MS	0	0	0	5S	5MR
30	NW7053	N-433	0	0	50MS	tMS	0	5S	0	10MS
31	Raj4543	N-435	0	0	20S	5S	0	10MS	10S	40S
32	K1807	N-436	tS	5S	20S	5MS	0	40S	60S	40S
33	DBW173 (C)	N-408	0	tS	10S	10S	0	5MS	5S	10MS
34	HD3059 (C)	N-412	0	10S	40S	40S	TS	20S	20S	40S
35	DBW107 (C)	N-421	0	0	5S	0	0	tMS	5S	10S
36	HI1563 (C)	N-434	0	40S	60S	40S	5S	60S	60S	60S

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone **Trial: NIVT-3A-IR-LS-TAS, 2018-19**

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	Thr.	Col.	Tex.	TGW.R	TGW.M
1.	UP3033	N-401	0	45(23)	58-76	71	102-120	110	80-100	90	Ey	A	H	29-36	33
2.	WH1264	N-402	tMR	46(23)	62-77	70	95-121	109	88-109	100	Ey	A	SH-H	32-41	36
3.	PBW811	N-403	0	46(34)	59-74	66	96-118	106	78-103	91	Ey	A	SH-H	27-39	33
4.	UP3035	N-404	0	67(35)	66-82	74	101-122	110	75-93	84	Ey	A	SH	22-40	30
5.	WH1263	N-405	40S	45(24)	61-75	70	99-123	108	81-102	91	Ey	A	SH-H	29-39	34
6.	PBW814	N-406	10S	67(24)	67-78	73	100-119	108	85-109	96	Ey	A	SH-H	22-40	34
7.	JKW267	N-407	tr	56(35)	65-78	72	99-121	109	77-100	89	Ey	A	SH-H	28-39	33
8.	HD3329	N-409	0	45(23)	61-74	66	98-118	106	77-100	90	Ey	A	SH	30-42	34
9.	HD3330	N-410	40S	67(24)	60-76	71	101-120	108	82-110	98	Ey	A	SH-H	30-41	34
10.	JAUW 673	N-411	0	45(23)	60-75	70	99-121	107	82-108	92	Ey	A	SH-H	28-44	36
11.	HD3334	N-413	0	56(34)	62-77	71	101-119	109	82-105	94	Ey	A	SH-H	33-42	37
12.	Raj4544	N-414	0	34(23)	70-82	77	108-123	113	83-107	94	Ey	A	SH-H	30-40	35
13.	DBW292	N-415	0	47(24)	57-75	66	96-118	106	70-99	86	Ey	A	SH-H	32-39	35
14.	K1808	N-416	20S	45(24)	61-77	71	95-122	110	83-108	99	Ey	A	SH-H	27-41	34
15.	UP3034	N-417	0	46(34)	59-74	67	97-120	106	77-97	87	Ey	A	SH-H	29-36	32
16.	JKW261	N-418	0	36(24)	62-77	73	107-121	112	80-100	89	Ey	A	SH-H	25-37	32
17.	WH1266	N-419	0	36(24)	69-81	75	96-123	109	82-101	90	Ey	A	SH	29-40	34
18.	DBW291	N-420	0	47(35)	60-78	67	95-122	107	92-122	102	Ey	A	SH	29-40	33
19.	JKW268	N-422	60S	46(24)	63-79	73	101-122	111	82-106	93	Ey	A	SH-H	32-40	36
20.	DBW294	N-423	0	35(24)	61-77	72	101-119	108	80-98	87	Ey	A	SH-H	27-36	33
21.	HD3332	N-424	tMR	45(23)	57-79	67	96-121	108	82-93	88	Ey	A	SH-H	34-43	38
22.	NW7062	N-425	0	45(23)	63-77	70	95-123	107	86-107	97	Ey	A	SH-H	27-39	32
23.	HD3333	N-426	0	57(34)	59-76	69	100-120	108	83-114	96	Ey	A	SH-H	32-41	37
24.	DBW290	N-427	10S	46(24)	61-76	71	102-122	112	90-111	96	Ey	A	SH-H	32-43	38
25.	WH1265	N-428	0	45(34)	61-77	71	95-121	108	79-103	90	Ey	A	SH-H	28-41	33
26.	PBW812	N-429	0	56(24)	60-74	67	96-119	107	81-100	90	Ey	A	SH-H	34-45	39
27.	PBW813	N-430	0	45(23)	61-77	70	98-120	107	80-98	90	Ey	A	SH-H	31-39	34
28.	DBW293	N-431	40S	35(23)	61-77	71	93-122	109	92-109	98	Ey	A	SH-H	29-47	35
29.	HD3331	N-432	60S	35(24)	65-77	72	103-123	111	92-116	102	Ey	A	SH-H	26-39	32
30.	NW7053	N-433	0	57(34)	58-72	68	97-121	106	82-110	94	Ey	A	SH	25-44	33
31.	Raj4543	N-435	0	45(12)	60-77	68	98-123	109	69-99	86	Ey	A	SH-H	29-38	33
32.	K1807	N-436	0	56(23)	57-77	69	99-122	110	89-138	114	Ey	A	SH	30-45	38
33.	DBW173 (C)	N-408	0	45(23)	61-77	72	102-122	111	89-101	94	Ey	A	SH	28-40	35
34.	HD3059 (C)	N-412	0	34(23)	63-77	71	102-120	109	80-103	90	Ey	A	SH-H	29-39	35
35.	DBW107 (C)	N-421	0	57(23)	55-77	65	94-118	105	81-122	93	Ey	A	SH	28-38	35
36.	HI1563 (C)	N-434	0	56(24)	57-77	66	96-118	107	77-103	92	Ey	A	H	30-42	36

1. Ancillary data from Kanpur, Faizabad, Varanasi, Pusa, RPCAU Pusa, Ranchi, Sabour, Kalyani and Coochbehar.
2. Leaf blight data from Coochbehar, Faizabad, Sabour, Kalyani; and Brown rust data from Kanpur.

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North Eastern Plains Zone
Individual Station Leaf blight Data

SN	Variety	Code	Coochbehar	Faizabad	Sabour	Kalyani
1	UP3033	N-401	45	12	35	00
2	WH1264	N-402	45	12	46	00
3	PBW811	N-403	45	24	46	00
4	UP3035	N-404	67	25	57	00
5	WH1263	N-405	45	23	36	01
6	PBW814	N-406	67	12	36	01
7	JKW267	N-407	56	36	46	01
8	HD3329	N-409	45	12	35	00
9	HD3330	N-410	67	24	25	00
10	JAUW 673	N-411	45	24	35	01
11	HD3334	N-413	56	36	25	01
12	Raj4544	N-414	34	12	24	00
13	DBW292	N-415	45	15	47	00
14	K1808	N-416	45	12	25	12
15	UP3034	N-417	36	24	46	01
16	JKW261	N-418	35	24	36	00
17	WH1266	N-419	34	36	24	01
18	DBW291	N-420	46	36	47	01
19	JKW268	N-422	46	12	35	02
20	DBW294	N-423	35	35	35	00
21	HD3332	N-424	45	12	24	01
22	NW7062	N-425	45	12	23	01
23	HD3333	N-426	46	24	57	00
24	DBW290	N-427	46	25	46	00
25	WH1265	N-428	45	35	35	12
26	PBW812	N-429	56	12	36	01
27	PBW813	N-430	45	12	36	00
28	DBW293	N-431	35	12	13	00
29	HD3331	N-432	35	25	35	01
30	NW7053	N-433	56	24	57	00
31	Raj4543	N-435	45	12	13	00
32	K1807	N-436	56	12	23	00
33	DBW173 (C)	N-408	45	12	24	01
34	HD3059 (C)	N-412	34	12	23	02
35	DBW107 (C)	N-421	45	12	57	00
36	HI1563 (C)	N-434	56	12	46	01