

2304-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2023-24
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	DBW458	N401	83.7	10	1	53.5	9	1	46.7	17	0	60.8	6	1	70.2	2	1
2	PBW947	N402	75.8	28	0	50.4	14	0	43.3	21	0	61.7	2	1	57.4	24	0
3	WH1337	N403	83.8	9	1	52.1	12	0	53.5	4	1	61.0	5	1	63.5	13	1
4	DBW459	N404	86.1	5	1	44.4	22	0	57.3	1	1	59.7	7	1	63.1	14	1
5	NW8084	N405	78.6	22	0	43.8	23	0	42.4	24	0	49.9	25	0	57.6	23	0
6	HD3484	N406	78.6	21	0	38.2	32	0	50.9	8	0	50.8	24	0	52.2	30	0
7	PBW949	N407	79.1	19	0	49.8	18	0	46.7	16	0	51.8	22	0	59.5	18	0
8	WH1336	N408	83.4	12	1	50.0	17	0	46.4	18	0	55.9	11	0	57.7	22	0
9	DBW461	N409	81.7	16	1	43.6	26	0	39.6	31	0	49.5	27	0	67.1	5	1
10	WH1335	N410	83.6	11	1	43.7	24	0	47.5	15	0	49.1	29	0	64.3	11	1
11	DBW462	N411	77.9	24	0	50.1	16	0	50.4	10	0	61.6	3	1	64.7	8	1
12	UBW21	N412	85.8	6	1	53.7	8	1	44.4	20	0	52.1	20	0	68.2	4	1
13	PBW948	N413	68.8	32	0	40.5	31	0	38.7	33	0	51.9	21	0	49.1	34	0
14	HP1983	N416	86.5	3	1	50.2	15	0	49.0	14	0	52.6	16	0	61.2	17	0
15	HD3483	N417	85.6	7	1	50.8	13	0	42.7	23	0	50.9	23	0	56.0	26	0
16	UP3145	N418	83.3	13	1	43.6	25	0	50.2	11	0	46.1	34	0	53.8	28	0
17	SVPWL22-02	N419	82.8	15	1	58.8	1	1	49.2	13	0	63.8	1	1	58.2	21	0
18	K2306	N420	34.9	36	0	34.6	36	0	31.4	35	0	46.8	33	0	19.2	36	0
19	RAUW111	N421	61.4	33	0	41.0	30	0	38.8	32	0	49.9	26	0	52.9	29	0
20	JKW319	N422	78.7	20	0	48.8	19	0	42.3	26	0	53.8	14	0	61.4	16	0
21	K2307	N423	71.8	31	0	37.8	33	0	40.2	30	0	47.8	31	0	52.1	31	0
22	DBW460	N424	85.0	8	1	54.6	7	1	52.1	5	1	61.1	4	1	71.1	1	1
23	PBW950	N425	75.6	29	0	58.7	3	1	51.3	6	0	48.8	30	0	51.6	32	0
24	BRW3954	N426	77.4	27	0	43.2	27	0	41.9	27	0	57.2	9	0	64.5	10	1
25	BCW31	N427	78.5	23	0	41.9	29	0	42.9	22	0	52.3	19	0	68.6	3	1
26	NW8081	N428	74.5	30	0	45.9	20	0	41.5	28	0	52.5	18	0	58.6	20	0
27	HD3482	N429	88.8	2	1	55.5	6	1	55.2	2	1	55.5	12	0	58.9	19	0
28	RAJ4588	N430	79.4	18	0	42.0	28	0	50.6	9	0	52.5	17	0	55.1	27	0
29	PBW951	N431	86.1	4	1	58.8	2	1	53.9	3	1	54.4	13	0	63.9	12	1
30	HUW860	N433	59.5	34	0	35.5	35	0	38.6	34	0	40.7	36	0	50.7	33	0
31	UP3146	N435	77.5	26	0	44.5	21	0	49.2	12	0	49.2	28	0	65.1	7	1
32	RAJ4589	N436	80.7	17	0	56.3	5	1	44.7	19	0	56.6	10	0	66.5	6	1
33	HI1621 (C)	N414	89.1	1	1	52.9	10	1	41.4	29	0	43.9	35	0	57.3	25	0
34	DBW173 (C)	N415	82.8	14	1	52.5	11	1	42.3	25	0	52.8	15	0	61.8	15	0
35	PBW771 (C)	N432	77.6	25	0	57.3	4	1	51.0	7	0	59.1	8	1	64.7	9	1
36	HI1563 (C)	N434	52.0	35	0	36.2	34	0	31.2	36	0	47.4	32	0	38.5	35	0
G.M.			77.7			47.7			45.5			53.1			58.5		
S.E.(M)			3.466			2.783			2.184			2.600			3.846		
C.D. (10%)			8.3			6.6			5.3			6.3			9.3		
C.V.			6.3			8.3			6.8			6.9			9.3		
D.O.S.(dd.mm.yy)			07.12.23			05.12.23			06.12.23			08.12.23			12.12.23		

No. of Trials : Proposed = 19 Conducted = 19
 Trial not conducted (00) = Nil
 Trials not reported (01) = NWPZ : Jammu (RMT)

2304-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NWPZ						NEPZ								
			UTK			Rajasthan			U.P.								
			Pantnagar			Durgapura			Modipuram			Kanpur			Ayodhya		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	DBW458	N401	52.3	11	0	40.2	33	0	43.6	29	0	57.5	3	0	71.4	1	1
2	PBW947	N402	47.6	22	0	45.2	18	0	48.1	18	0	37.4	34	0	56.3	17	0
3	WH1337	N403	50.7	15	0	49.7	13	0	47.1	20	0	43.2	31	0	60.2	12	0
4	DBW459	N404	49.4	19	0	56.2	5	1	55.4	3	1	47.8	28	0	51.3	25	0
5	NW8084	N405	46.8	25	0	41.8	27	0	42.9	31	0	47.8	28	0	47.5	31	0
6	HD3484	N406	43.9	30	0	49.1	15	0	46.2	24	0	54.0	14	0	59.4	14	0
7	PBW949	N407	49.8	18	0	41.3	29	0	37.1	36	0	52.9	21	0	53.6	19	0
8	WH1336	N408	39.8	34	0	49.3	14	0	47.3	19	0	55.2	11	0	56.7	16	0
9	DBW461	N409	46.9	24	0	45.8	17	0	52.5	9	0	55.6	7	0	59.8	13	0
10	WH1335	N410	56.0	3	1	42.5	25	0	44.1	27	0	45.1	30	0	52.7	20	0
11	DBW462	N411	47.3	23	0	43.7	21	0	46.3	23	0	54.0	14	0	71.4	1	1
12	UBW21	N412	55.6	5	1	54.0	9	0	56.7	2	1	69.4	1	1	52.1	21	0
13	PBW948	N413	44.7	29	0	40.4	32	0	39.2	35	0	40.1	33	0	45.9	34	0
14	HP1983	N416	41.1	32	0	42.0	26	0	57.4	1	1	55.6	8	0	55.9	18	0
15	HD3483	N417	55.8	4	1	35.1	36	0	49.5	15	0	53.6	18	0	62.5	7	0
16	UP3145	N418	51.4	14	0	43.0	24	0	53.0	7	0	54.2	13	0	61.3	10	0
17	SVPWL22-02	N419	58.6	1	1	38.5	34	0	54.5	5	1	53.0	20	0	62.5	7	0
18	K2306	N420	39.0	35	0	36.5	35	0	39.9	34	0	32.4	36	0	61.7	9	0
19	RAUW111	N421	51.9	12	0	43.6	22	0	42.1	32	0	37.2	35	0	51.7	22	0
20	JKW319	N422	56.2	2	1	54.3	6	1	51.5	10	0	55.4	9	0	49.0	28	0
21	K2307	N423	45.5	26	0	53.9	10	0	46.5	22	0	48.0	27	0	51.7	22	0
22	DBW460	N424	42.5	31	0	44.0	20	0	52.6	8	0	52.7	23	0	66.0	4	1
23	PBW950	N425	48.9	21	0	41.8	28	0	44.8	26	0	53.2	19	0	47.1	32	0
24	BRW3954	N426	50.2	17	0	58.4	2	1	55.3	4	1	57.5	4	0	49.0	28	0
25	BCW31	N427	40.6	33	0	41.0	30	0	43.8	28	0	49.4	26	0	44.8	35	0
26	NW8081	N428	44.7	28	0	57.3	3	1	50.3	14	0	52.9	21	0	46.7	33	0
27	HD3482	N429	38.2	36	0	59.3	1	1	53.3	6	0	57.7	2	0	62.9	6	0
28	RAJ4588	N430	53.1	10	0	43.0	23	0	50.4	13	0	57.1	5	0	49.4	27	0
29	PBW951	N431	50.2	16	0	54.3	7	1	51.0	12	0	52.3	25	0	66.7	3	1
30	HUW860	N433	45.5	27	0	40.9	31	0	46.8	21	0	42.1	32	0	48.2	30	0
31	UP3146	N435	53.4	9	1	54.1	8	0	43.3	30	0	53.8	17	0	44.8	36	0
32	RAJ4589	N436	51.6	13	0	45.2	19	0	48.5	16	0	52.5	24	0	51.7	24	0
33	HI1621 (C)	N414	54.1	6	1	56.7	4	1	48.5	17	0	54.0	14	0	60.8	11	0
34	DBW173 (C)	N415	54.1	7	1	46.6	16	0	51.3	11	0	56.7	6	0	59.4	14	0
35	PBW771 (C)	N432	53.7	8	1	52.3	11	0	45.1	25	0	55.3	10	0	50.9	26	0
36	HI1563 (C)	N434	49.0	20	0	52.3	12	0	41.7	33	0	54.4	12	0	64.8	5	1
G.M.			48.9			47.0			48.0			51.4			55.8		
S.E.(M)			2.259			2.148			1.575			2.491			3.540		
C.D. (10%)			5.4			5.2			3.8			6.0			8.5		
C.V.			6.5			6.5			4.6			6.9			9.0		
D.O.S.(dd.mm.yy)			15.12.23			14.12.23			14.12.23			12.12.23			13.12.23		

2304-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ														
			U.P.			Bihar			Jharkhand			W.Bengal					
			Varanasi			Sabour			RPCAU-Pusa			Ranchi			Kalyani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
1	DBW458	N401	58.6	21	0	41.2	18	0	43.4	8	1	46.7	14	0	37.0	31	0
2	PBW947	N402	66.4	9	0	38.7	22	0	45.4	3	1	51.8	6	1	43.3	15	0
3	WH1337	N403	55.6	23	0	43.5	12	0	42.1	10	0	46.0	17	0	42.1	18	0
4	DBW459	N404	74.1	2	1	34.3	29	0	31.5	33	0	47.7	10	1	52.6	2	1
5	NW8084	N405	29.3	36	0	53.0	2	1	29.9	35	0	34.3	32	0	32.4	35	0
6	HD3484	N406	49.4	28	0	30.6	34	0	43.5	7	1	45.9	18	0	42.1	19	0
7	PBW949	N407	66.4	9	0	38.6	23	0	46.9	1	1	38.8	25	0	35.1	34	0
8	WH1336	N408	61.7	19	0	37.3	28	0	36.6	23	0	49.6	8	1	37.7	28	0
9	DBW461	N409	57.1	22	0	42.6	15	0	44.4	6	1	43.1	20	0	45.1	11	0
10	WH1335	N410	72.5	4	0	42.1	16	0	31.7	31	0	42.6	21	0	38.0	26	0
11	DBW462	N411	63.3	16	0	45.9	11	0	45.8	2	1	47.4	11	0	47.1	7	0
12	UBW21	N412	61.7	19	0	47.7	7	0	34.9	25	0	52.6	3	1	44.9	12	0
13	PBW948	N413	41.7	32	0	37.7	27	0	45.4	3	1	33.3	33	0	37.5	29	0
14	HP1983	N416	78.7	1	1	47.6	8	0	42.3	9	0	53.5	1	1	51.2	3	1
15	HD3483	N417	64.8	11	0	42.7	14	0	40.4	15	0	41.5	23	0	47.0	8	0
16	UP3145	N418	64.8	11	0	51.2	4	1	38.2	20	0	47.0	13	0	39.9	23	0
17	SVPWL22-02	N419	64.8	11	0	47.9	5	0	39.5	16	0	48.3	9	1	42.8	16	0
18	K2306	N420	40.1	34	0	28.6	35	0	34.3	28	0	34.4	31	0	36.9	32	0
19	RAUW111	N421	71.0	5	0	39.5	20	0	41.0	14	0	37.4	27	0	46.5	9	0
20	JKW319	N422	49.4	29	0	38.8	21	0	30.1	34	0	51.9	5	1	40.6	22	0
21	K2307	N423	47.8	31	0	31.3	32	0	39.0	18	0	15.3	36	0	35.6	33	0
22	DBW460	N424	54.0	25	0	38.0	26	0	41.6	13	0	46.5	15	0	47.9	5	0
23	PBW950	N425	69.4	7	0	54.6	1	1	37.7	22	0	40.5	24	0	44.8	13	0
24	BRW3954	N426	49.4	29	0	46.3	9	0	39.1	17	0	35.6	29	0	55.6	1	1
25	BCW31	N427	41.7	32	0	31.7	31	0	31.6	32	0	33.3	34	0	38.8	25	0
26	NW8081	N428	37.0	35	0	28.1	36	0	33.7	30	0	38.6	26	0	38.0	27	0
27	HD3482	N429	64.8	11	0	51.4	3	1	45.1	5	1	52.8	2	1	49.4	4	0
28	RAJ4588	N430	50.9	26	0	43.2	13	0	34.3	27	0	47.1	12	0	39.6	24	0
29	PBW951	N431	64.8	11	0	38.2	25	0	38.1	21	0	35.9	28	0	47.5	6	0
30	HUW860	N433	50.9	26	0	30.8	33	0	28.2	36	0	20.4	35	0	32.4	35	0
31	UP3146	N435	71.0	5	0	32.8	30	0	36.1	24	0	42.6	22	0	42.1	17	0
32	RAJ4589	N436	55.6	23	0	47.9	6	0	33.8	29	0	44.8	19	0	41.7	20	0
33	HI1621 (C)	N414	63.3	17	0	39.9	19	0	38.8	19	0	46.3	16	0	37.5	29	0
34	DBW173 (C)	N415	63.3	17	0	41.9	17	0	34.4	26	0	35.3	30	0	41.6	21	0
35	PBW771 (C)	N432	74.1	2	1	46.0	10	0	41.8	12	0	52.3	4	1	45.1	10	0
36	HI1563 (C)	N434	67.9	8	0	38.3	24	0	42.1	11	0	50.5	7	1	43.4	14	0
G.M.			58.8			40.8			38.4			42.5			42.2		
S.E.(M)			2.556			1.904			1.715			2.459			2.192		
C.D. (10%)			6.1			4.6			4.1			5.9			5.2		
C.V.			6.1			6.6			6.3			8.2			7.3		
D.O.S.(dd.mm.yy)			15.12.23			15.12.23			15.12.23			13.12.23			13.12.23		

2304-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2023-24
LOCATIONWISE MEAN YIELD (q/ha)

SN	Variety	Code	NEPZ								
			W.Bengal						Assam		
			Manikchak			Burdwan			Shillongani		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	DBW458	N401	60.0	10	0	33.4	14	0	46.4	10	0
2	PBW947	N402	47.5	28	0	29.1	25	0	48.9	7	1
3	WH1337	N403	58.9	11	0	29.1	24	0	43.9	14	0
4	DBW459	N404	57.5	14	0	25.6	31	0	50.8	3	1
5	NW8084	N405	40.4	33	0	31.0	20	0	41.3	21	0
6	HD3484	N406	51.8	22	0	32.5	15	0	41.6	20	0
7	PBW949	N407	50.5	26	0	25.6	32	0	41.8	19	0
8	WH1336	N408	53.0	19	0	33.8	12	0	50.8	2	1
9	DBW461	N409	65.8	2	1	33.8	13	0	42.7	17	0
10	WH1335	N410	60.2	9	0	29.7	22	0	49.1	6	1
11	DBW462	N411	55.4	17	0	25.8	30	0	39.7	27	0
12	UBW21	N412	61.1	8	1	31.7	17	0	47.1	9	0
13	PBW948	N413	40.2	35	0	28.7	26	0	40.1	25	0
14	HP1983	N416	62.5	5	1	38.6	7	1	47.2	8	0
15	HD3483	N417	61.4	7	1	39.3	5	1	36.9	30	0
16	UP3145	N418	64.8	3	1	35.6	9	0	50.6	4	1
17	SVPWL22-02	N419	58.8	12	0	38.8	6	1	51.3	1	1
18	K2306	N420	32.9	36	0	17.5	36	0	42.2	18	0
19	RAUW111	N421	56.3	15	0	34.9	11	0	44.9	11	0
20	JKW319	N422	51.1	24	0	37.9	8	0	34.1	35	0
21	K2307	N423	44.8	30	0	18.4	34	0	43.4	16	0
22	DBW460	N424	62.3	6	1	26.7	28	0	43.8	15	0
23	PBW950	N425	48.5	27	0	41.7	2	1	40.7	24	0
24	BRW3954	N426	58.5	13	0	31.5	18	0	39.8	26	0
25	BCW31	N427	41.9	32	0	31.4	19	0	36.5	32	0
26	NW8081	N428	42.2	31	0	29.1	23	0	33.5	36	0
27	HD3482	N429	68.8	1	1	42.3	1	1	41.2	22	0
28	RAJ4588	N430	45.6	29	0	35.0	10	0	39.5	29	0
29	PBW951	N431	51.9	21	0	26.5	29	0	44.6	12	0
30	HUW860	N433	40.2	34	0	20.8	33	0	35.1	34	0
31	UP3146	N435	62.7	4	1	27.6	27	0	41.1	23	0
32	RAJ4589	N436	52.2	20	0	30.2	21	0	44.2	13	0
33	HI1621 (C)	N414	55.4	16	0	41.2	3	1	36.2	33	0
34	DBW173 (C)	N415	50.6	25	0	18.4	35	0	36.6	31	0
35	PBW771 (C)	N432	53.5	18	0	31.9	16	0	50.2	5	1
36	HI1563 (C)	N434	51.5	23	0	40.7	4	1	39.5	28	0
G.M.			53.4			31.3			42.7		
S.E.(M)			3.266			1.678			1.078		
C.D. (10%)			7.9			4.1			2.6		
C.V.			8.7			7.6			3.6		
D.O.S.(dd.mm.yy)			13.12.23			15.12.23			05.12.23		

2304-NIVT-3A-IR-LS-TAS-NAT-ZONE, 2023-24
ZONAL AND NATIONAL MEANS (q/ha)

SN	Variety	Code	NWPZ			NEPZ			National		
			Yield	RK	G	Yield	RK	G	Yield	RK	G
1	DBW458	N401	56.4	9	0	49.6	8	0	52.6	6	0
2	PBW947	N402	53.7	20	0	46.5	18	0	49.7	21	0
3	WH1337	N403	57.7	7	1	46.5	19	0	51.4	12	0
4	DBW459	N404	58.9	2	1	47.3	15	0	52.5	7	0
5	NW8084	N405	50.5	30	0	38.7	31	0	43.9	31	0
6	HD3484	N406	51.2	28	0	45.1	25	0	47.8	27	0
7	PBW949	N407	51.9	27	0	45.0	26	0	48.1	26	0
8	WH1336	N408	53.7	19	0	47.2	16	0	50.1	18	0
9	DBW461	N409	53.3	21	0	49.0	11	0	50.9	14	0
10	WH1335	N410	53.9	18	0	46.4	20	0	49.7	20	0
11	DBW462	N411	55.2	15	0	49.6	7	0	52.1	10	0
12	UBW21	N412	58.8	3	1	50.3	5	0	54.1	2	0
13	PBW948	N413	46.7	33	0	39.1	30	0	42.4	34	0
14	HP1983	N416	55.0	16	0	53.3	2	1	54.1	3	0
15	HD3483	N417	53.3	22	0	49.0	10	0	50.9	15	0
16	UP3145	N418	53.1	25	0	50.8	4	0	51.8	11	0
17	SVPWL22-02	N419	58.1	5	1	50.8	3	0	54.0	4	0
18	K2306	N420	35.3	36	0	36.1	35	0	35.7	36	0
19	RAUW111	N421	47.7	32	0	46.0	22	0	46.8	28	0
20	JKW319	N422	55.9	12	0	43.8	28	0	49.2	23	0
21	K2307	N423	49.5	31	0	37.5	34	0	42.8	33	0
22	DBW460	N424	57.9	6	1	47.9	12	0	52.4	8	0
23	PBW950	N425	52.7	26	0	47.8	13	0	50.0	19	0
24	BRW3954	N426	56.0	11	0	46.2	21	0	50.6	16	0
25	BCW31	N427	51.2	29	0	38.1	32	0	43.9	32	0
26	NW8081	N428	53.2	24	0	38.0	33	0	44.7	30	0
27	HD3482	N429	58.1	4	1	53.6	1	1	55.6	1	1
28	RAJ4588	N430	53.3	23	0	44.2	27	0	48.2	25	0
29	PBW951	N431	59.1	1	1	46.7	17	0	52.2	9	0
30	HUW860	N433	44.8	34	0	34.9	36	0	39.3	35	0
31	UP3146	N435	54.5	17	0	45.5	23	0	49.5	22	0
32	RAJ4589	N436	56.3	10	0	45.4	24	0	50.3	17	0
33	HI1621 (C)	N414	55.5	14	0	47.3	14	0	51.0	13	0
34	DBW173 (C)	N415	55.5	13	0	43.8	29	0	49.0	24	0
35	PBW771 (C)	N432	57.6	8	1	50.1	6	0	53.4	5	0
36	HI1563 (C)	N434	43.5	35	0	49.3	9	0	46.7	29	0
G.M.			53.3			45.7			49.1		
S.E.(M)			0.954			0.757			0.597		
C.D. (10%)			2.2			1.8			1.4		

Summary of Disease Data and Agronomic Characteristics

North Western Plains Zone

Trial: NIVT-3A-IR-LS-TAS, 2023-24

SN	Variety	Code	Disease Reaction					Agronomic Characteristics						Grain Characteristics		
			YI	ACI	Br	ACI	PM	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	Lod.M	TGW.R	TGW.M
1	DBW458	N401	5S	0.8	10S	5.0	3	73-99	87	114-145	130	87-110	99	5	37-48	42
2	PBW947	N402	0	0.0	60S	21.7	3	79-102	90	118-147	132	79-103	94	0	30-43	38
3	WH1337	N403	5S	0.9	20S	6.7	3	75-100	89	118-147	131	85-110	100	0	31-45	40
4	DBW459	N404	10MR	0.7	20S	7.0	3	72-98	88	111-145	130	80-105	97	5	41-52	45
5	NW8084	N405	20S	3.7	40S	26.7	0	74-102	89	116-147	132	83-108	100	0	33-48	40
6	HD3484	N406	tS	0.1	0	0.0	0	66-97	85	113-144	129	71-86	80	0	32-41	37
7	PBW949	N407	tS	0.2	0	0.0	5	80-105	93	117-144	133	74-109	94	0	32-43	39
8	WH1336	N408	tS	0.2	40S	13.3	0	75-103	90	113-143	131	89-105	97	0	33-48	43
9	DBW461	N409	5MS	2.7	40S	13.7	3	68-94	83	109-142	128	84-101	96	0	35-50	43
10	WH1335	N410	tS	0.2	20S	7.0	0	74-101	88	112-142	130	71-106	95	0	30-45	41
11	DBW462	N411	10S	2.7	tR	0.4	3	78-98	89	117-142	131	86-109	99	0	33-49	42
12	UBW21	N412	10MS	2.0	60S	20.3	4	72-101	89	113-147	131	95-110	101	0	32-46	42
13	PBW948	N413	0	0.0	0	0.0	3	73-101	89	112-147	132	76-95	84	0	33-43	39
14	HP1983	N416	20S	5.8	20S	6.7	0	69-98	87	113-145	130	91-111	101	0	32-45	40
15	HD3483	N417	5S	0.8	20S	6.7	0	73-101	88	111-146	131	86-108	98	5	32-50	42
16	UP3145	N418	5S	0.8	0	0.0	0	73-103	90	112-148	131	75-108	97	0	35-59	44
17	SVPWL22-02	N419	5S	0.7	0	0.0	3	72-105	90	113-148	131	88-115	105	10	27-42	38
18	K2306	N420	60S	32.8	5S	1.7	3	76-101	91	116-148	132	79-107	94	0	31-42	37
19	RAUW 111	N421	10S	3.4	0	0.0	0	77-103	90	115-147	132	86-107	96	0	30-37	34
20	JKW319	N422	20S	8.1	20S	6.7	0	71-95	84	112-142	129	81-96	90	0	38-48	43
21	K2307	N423	10MS	1.3	20S	6.7	0	74-100	90	115-147	132	70-106	96	0	34-45	38
22	DBW460	N424	tMS	0.5	5S	1.7	1	74-98	88	113-145	130	77-100	94	0	31-47	43
23	PBW950	N425	tMS	0.1	10S	3.3	0	71-101	88	113-148	131	76-96	85	0	29-46	34
24	BRW3954	N426	10S	3.1	tR	0.1	0	71-98	85	112-146	130	75-102	95	5	35-49	42
25	BCW31	N427	tMS	0.1	20S	6.7	0	71-100	87	110-147	129	85-106	94	5	36-49	44
26	NW8081	N428	5S	0.8	10S	3.3	0	74-100	87	117-145	131	88-104	97	0	33-47	42
27	HD3482	N429	10S	2.7	60S	20.3	0	69-94	83	114-143	130	80-106	96	5	36-48	44
28	RAJ4588	N430	5MS	1.8	0	0.0	3	75-98	88	114-145	131	85-105	96	0	34-46	43
29	PBW951	N431	tMS	0.1	20S	6.7	0	74-100	89	111-147	131	89-105	97	0	30-50	41
30	HUW860	N433	20S	8.6	20S	6.7	3	76-107	93	117-147	133	85-104	94	0	30-45	38
31	UP3146	N435	5S	0.8	0	0.0	3	71-100	87	115-146	130	88-107	95	5	29-46	39
32	RAJ4589	N436	20MS	3.8	5S	1.7	5	75-98	87	112-145	130	86-112	99	5	31-43	38
33	HI1621 (C)	N414	5S	1.1	20S	10.0	0	71-94	83	113-145	128	73-105	92	0	35-44	39
34	DBW173 (C)	N415	10S	1.7	40S	13.7	0	73-102	89	114-146	131	87-109	98	0	31-49	40
35	PBW771 (C)	N432	10S	3.4	0	0.0	3	73-98	86	111-145	130	77-95	88	0	31-44	40
36	HI1563 (C)	N434	60S	37.7	20S	6.7	0	67-99	84	111-142	129	84-103	94	0	28-43	36

1. Ancillary data from Delhi, Durgapura, Gurdaspur, Hisar, Jammu, Karnal, Ludhiana, and Pantnagar centres.
2. Yellow rust data from Delhi, Gurdaspur, Hisar, Jammu, Karnal, Ludhiana, and Pantnagar; Brown rust data from Delhi, Pantnagar and Karnal.
3. Lodging data from Hisar, Delhi and Ludhiana centres.
4. Powdery mildew data from Pantnagar centre.

NIVT-3A-IR-LS-TAS, 2023-24

Individual Station Rust Data

SN	Variety	Code	Yellow rust							Brown rust			
			Delhi	Gurdaspur	Hisar	Jammu	Karnal	Ludhiana	Pantnagar	Delhi	Karnal	Pantnagar	
1.	DBW458	N401	0	0	0	0	0	0	tMR	5S	0	10S	5S
2.	PBW947	N402	0	0	0	0	0	0	0	0	0	60S	5S
3.	WH1337	N403	0	tMR	0	MS	0	0	tMR	5S	0	20S	0
4.	DBW459	N404	0	tMR	0	0	0	0	tMR	10MR	0	20S	tS
5.	NW8084	N405	0	20S	0	tS	0	0	5MS	tS	0	40S	40S
6.	HD3484	N406	0	tS	0	0	0	0	0	0	0	0	0
7.	PBW949	N407	0	tS	0	0	0	0	tMS	0	0	0	0
8.	WH1336	N408	0	tMR	0	0	0	0	tS	0	0	40S	0
9.	DBW461	N409	0	5MS	10S	tMS	0	0	5MS	0	0	40S	tS
10.	WH1335	N410	0	tS	0	0	0	0	tMS	0	0	20S	tS
11.	DBW462	N411	0	5MS	0	0	0	0	5S	10S	tR	0	tS
12.	UBW21	N412	0	10MS	0	0	0	0	tMS	5S	0	60S	tS
13.	PBW948	N413	0	0	0	0	0	0	0	0	0	0	0
14.	HP1983	N416	0	20S	0	tS	0	0	10S	10S	0	20S	0
15.	HD3483	N417	0	tMS	0	0	0	0	0	5S	0	20S	0
16.	UP3145	N418	0	5S	0	tMS	0	0	0	0	0	0	0
17.	SVPWL22-02	N419	0	0	0	0	0	0	0	5S	0	0	0
18.	K2306	N420	10S	40S	60S	0	0	40S	40S	40S	0	0	5S
19.	RAUW 111	N421	0	10MS	tS	tS	0	0	5MS	10S	0	0	0
20.	JKW319	N422	0	20S	5S	tS	0	10S	20S	tS	0	20S	0
21.	K2307	N423	0	10MS	0	0	0	0	tS	0	0	20S	0
22.	DBW460	N424	0	tMS	tS	tMS	0	0	tMS	0	0	5S	0
23.	PBW950	N425	0	tMS	0	0	0	0	0	0	0	10S	0
24.	BRW3954	N426	0	10MS	0	0	0	0	5MS	10S	tR	0	0
25.	BCW31	N427	0	0	0	0	0	0	tMS	0	0	20S	0
26.	NW8081	N428	0	5S	0	0	0	0	tMR	0	0	10S	0
27.	HD3482	N429	0	10MS	0	0	0	0	tMS	10S	0	60S	tS
28.	RAJ4588	N430	0	tMS	0	tS	0	0	5MS	5MS	0	0	0
29.	PBW951	N431	0	tMS	0	0	0	0	0	0	0	20S	0
30.	HUW860	N433	10S	20S	0	0	0	0	10S	20S	0	20S	0
31.	UP3146	N435	0	tMS	0	0	0	0	0	5S	0	0	0
32.	RAJ4589	N436	0	20MS	0	5S	0	0	tMR	5S	0	5S	0
33.	HI1621 (C)	N414	0	tS	0	tMS	0	0	tMS	5S	0	20S	10S
34.	DBW173 (C)	N415	0	tMS	0	tS	0	0	tMR	10S	tR	40S	0
35.	PBW771 (C)	N432	0	10MS	0	0	0	10S	tS	5S	0	0	0
36.	HI1563 (C)	N434	0	60S	60S	5MS	0	60S	40S	40S	0	20S	0

Summary of Disease Data and Agronomic Characteristics

North Eastern Plains Zone

Trial: NIVT 3A-IR-LS-TAS, 2023-24

SN	Variety	Code	Disease Reaction	Agronomic Characteristics						Grain Characteristics	
			LB,HS(Avg.)	Hd.R	Hd.M	Mat.R	Mat.M	Ht.R	Ht.M	TGW.R	TGW.M
1	DBW458	N401	68 (35)	66-81	73	95-116	108	80-102	93	27-41	36
2	PBW947	N402	57 (24)	72-87	79	97-117	111	81-100	90	24-44	37
3	WH1337	N403	57 (35)	66-82	74	98-115	110	90-106	97	26-46	37
4	DBW459	N404	68 (34)	69-83	74	94-116	109	80-103	93	34-46	40
5	NW8084	N405	89 (45)	64-83	72	97-117	108	87-114	97	22-43	34
6	HD3484	N406	99 (46)	58-81	68	95-114	106	64-95	79	27-44	36
7	PBW949	N407	36 (24)	71-87	79	99-120	113	82-95	89	26-45	37
8	WH1336	N408	57 (35)	70-83	75	97-118	111	81-102	93	30-43	39
9	DBW461	N409	68 (45)	65-81	72	94-116	107	87-105	98	31-50	41
10	WH1335	N410	46 (34)	73-85	76	97-115	111	71-107	94	27-47	37
11	DBW462	N411	58 (35)	68-84	75	96-117	111	87-110	96	30-48	40
12	UBW21	N412	47 (35)	66-81	73	95-115	108	80-108	96	32-47	40
13	PBW948	N413	68 (46)	68-83	75	96-117	110	73-88	80	21-40	32
14	HP1983	N416	68 (36)	62-78	70	94-115	108	87-107	96	33-46	40
15	HD3483	N417	46 (34)	66-82	73	96-114	108	84-110	97	31-42	38
16	UP3145	N418	46 (35)	65-82	73	94-117	109	80-100	93	26-44	37
17	SVPWL22-02	N419	57 (35)	62-81	73	94-116	109	75-115	100	24-42	35
18	K2306	N420	57 (35)	73-86	78	97-120	113	80-108	95	35-44	40
19	RAUW 111	N421	35 (24)	70-84	76	95-119	111	83-106	93	28-44	35
20	JKW319	N422	68 (35)	65-79	72	95-115	108	84-98	90	29-50	39
21	K2307	N423	47 (35)	71-84	76	98-117	113	80-103	92	27-45	36
22	DBW460	N424	68 (35)	67-84	73	96-119	108	74-98	90	29-46	40
23	PBW950	N425	57 (34)	63-79	71	90-113	105	72-94	83	28-43	35
24	BRW3954	N426	89 (46)	63-79	71	92-112	106	80-101	93	28-47	40
25	BCW31	N427	57 (46)	65-80	72	95-118	109	84-98	91	25-43	36
26	NW8081	N428	57 (35)	68-82	74	94-119	109	82-102	94	22-47	36
27	HD3482	N429	68 (35)	63-80	69	94-113	107	88-105	95	31-47	39
28	RAJ4588	N430	79 (36)	65-83	74	97-117	110	85-102	95	29-50	37
29	PBW951	N431	46 (24)	69-84	75	95-116	110	83-99	92	30-47	37
30	HUW860	N433	36 (24)	69-84	76	99-120	113	85-114	96	28-43	35
31	UP3146	N435	68 (45)	69-83	74	93-117	110	78-100	93	27-43	35
32	RAJ4589	N436	46 (35)	67-84	75	96-116	109	90-111	98	24-43	34
33	HI1621 (C)	N414	89 (45)	64-79	70	89-111	104	78-99	89	26-45	35
34	DBW173 (C)	N415	46 (35)	71-83	75	99-117	111	78-103	93	27-52	38
35	PBW771 (C)	N432	46 (35)	70-83	76	94-118	110	74-92	85	28-44	37
36	HI1563 (C)	N434	89 (45)	58-77	68	91-116	106	77-100	91	29-44	37

1. Ancillary data from Ranchi, RPCAU-Pusa, Sabour, Shillongoni, Varanasi, Ayodhya, Burdwan, Kalyani, Kanpur and Manichak centres.
2. Leaf blight data from RPCAU-Pusa, Sabour, Shillongoni, Varanasi, Ayodhya, Kalyani and Manikchak centres.

NIVT-3A-IR-LS, 2023-24
North Eastern Plains Zone

Individual Station Leaf Blight Data

SN	Variety	Code	Leaf Blight Score						
			RPCAU-Pusa	Sabour	Shillongani	Varanasi	Ayodhya	Kalyani	Manikchek
1.	DBW458	N401	34	35	35	57	68	35	12
2.	PBW947	N402	23	24	57	12	36	35	12
3.	WH1337	N403	34	46	35	57	25	23	12
4.	DBW459	N404	23	24	68	24	35	25	12
5.	NW8084	N405	34	35	35	89	35	35	24
6.	HD3484	N406	45	24	57	99	79	36	13
7.	PBW949	N407	23	35	35	24	25	36	12
8.	WH1336	N408	34	35	57	46	46	25	12
9.	DBW461	N409	45	23	68	68	47	24	23
10.	WH1335	N410	34	24	46	35	36	23	12
11.	DBW462	N411	34	24	35	57	58	25	24
12.	UBW21	N412	45	23	35	47	36	35	24
13.	PBW948	N413	34	35	57	68	57	37	24
14.	HP1983	N416	36	35	68	47	46	25	24
15.	HD3483	N417	34	24	24	46	35	35	23
16.	UP3145	N418	45	46	46	35	46	23	24
17.	SVPWL22-02	N419	23	24	57	35	24	35	24
18.	K2306	N420	23	34	57	24	46	36	12
19.	RAUW 111	N421	23	35	24	12	25	35	24
20.	JKW319	N422	34	35	46	68	47	35	12
21.	K2307	N423	23	35	24	46	47	24	24
22.	DBW460	N424	23	23	35	68	35	26	12
23.	PBW950	N425	34	24	57	35	35	24	12
24.	BRW3954	N426	34	24	57	89	57	35	24
25.	BCW31	N427	34	35	57	57	57	36	24
26.	NW8081	N428	34	46	35	46	57	36	12
27.	HD3482	N429	45	24	35	68	25	35	23
28.	RAJ4588	N430	34	24	46	47	79	25	24
29.	PBW951	N431	23	35	46	24	25	36	12
30.	HUW860	N433	23	35	35	24	36	35	12
31.	UP3146	N435	34	24	57	58	68	35	12
32.	RAJ4589	N436	34	46	46	35	35	35	12
33.	HI1621 (C)	N414	45	24	24	89	57	36	12
34.	DBW173 (C)	N415	34	24	46	35	36	35	24
35.	PBW771 (C)	N432	23	35	46	35	46	36	24
36.	HI1563 (C)	N434	34	23	35	89	46	24	35