

**Initial Varietal Trial – IRTS-FB
Grain Yield (q/ha)**

Zone: NWPZ
Rabi – 2023-24

Name of Entry	Entry Code	Hisar			Karnal			Ludhiana			Durgapura			Tabiji			Pantnagar			Modipuram			Dholpur			Zonal Mean					
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	Rk	G	Yield	Rk	G			
HUB 291	IVT-IRTS-FB-1	24.7	23	0	22.8	25	0	38.3	14	0	60.6	23	0	62.2	20	0	35.3	18	0	43.8	23	0	44.9	4	0	41.6	23	0			
DWRB 2303	IVT-IRTS-FB-2	31.7	17	0	39.2	5	1	32.2	22	0	66.4	20	0	57.5	24	0	53.5	2	0	51.0	21	0	39.9	10	0	46.4	19	0			
RD 3093	IVT-IRTS-FB-3	37.2	11	0	23.8	24	0	33.8	20	0	87.4	6	0	76.2	3	1	46.5	7	0	62.9	3	1	30.3	21	0	49.8	13	0			
RD2907 (Filler)	IVT-IRTS-FB-4	31.8	16	0	38.8	7	1	45.4	7	0	68.7	19	0	59.0	22	0	44.1	10	0	52.9	19	0	31.6	19	0	46.5	18	0			
PL 954	IVT-IRTS-FB-5	43.4	4	1	37.0	10	1	55.3	1	1	81.7	9	0	79.3	2	1	34.6	20	0	56.4	12	0	36.7	15	0	53.0	6	0			
BH1059	IVT-IRTS-FB-6	39.7	7	0	37.9	8	1	47.2	6	0	90.6	5	0	72.7	10	0	49.1	5	0	61.5	6	1	48.3	3	0	55.9	2	1			
UPB 1123	IVT-IRTS-FB-7	48.4	1	1	41.1	3	1	41.7	12	0	61.6	22	0	73.7	8	1	52.8	4	0	56.4	12	0	31.8	18	0	51.0	8	0			
BH1058	IVT-IRTS-FB-8	42.0	5	0	41.8	1	1	43.5	8	0	70.7	16	0	73.7	9	1	62.5	1	1	54.0	16	0	31.3	20	0	52.4	7	0			
HUB 290	IVT-IRTS-FB-9	37.3	10	0	34.3	17	0	42.1	11	0	65.1	21	0	66.6	19	0	32.3	22	0	54.9	15	0	40.8	9	0	46.7	16	0			
GB1	IVT-IRTS-FB-10	27.1	22	0	39.1	6	1	29.9	25	0	60.6	24	0	57.7	23	0	23.7	25	0	51.4	20	0	23.3	25	0	39.1	25	0			
DWRB 2302	IVT-IRTS-FB-11	35.9	12	0	28.7	22	0	42.2	10	0	72.7	14	0	71.4	14	0	48.9	6	0	59.4	10	0	43.6	6	0	50.3	11	0			
PL 956	IVT-IRTS-FB-12	18.5	25	0	24.0	23	0	38.0	15	0	81.4	10	0	67.4	18	0	35.7	16	0	59.6	9	0	37.3	13	0	45.2	20	0			
DWRB2319	IVT-IRTS-FB-13	30.0	19	0	35.8	15	1	33.1	21	0	83.4	7	0	75.5	5	1	35.1	19	0	57.8	11	0	43.0	7	0	49.2	14	0			
UPB 1122	IVT-IRTS-FB-14	31.3	18	0	32.9	18	0	37.8	16	0	74.1	13	0	67.6	17	0	32.1	23	0	44.8	22	0	36.9	14	0	44.7	21	0			
PL 955	IVT-IRTS-FB-15	39.6	8	0	36.8	12	1	52.5	2	1	96.5	2	1	71.3	15	0	43.6	11	0	63.9	1	1	42.8	8	0	55.9	3	1			
RD3096	IVT-IRTS-FB-17	28.4	21	0	35.1	16	0	32.0	23	0	82.7	8	0	74.9	6	1	41.6	12	0	53.8	17	0	49.7	2	0	49.8	12	0			
DWRB 2301	IVT-IRTS-FB-18	34.9	13	0	31.9	19	0	32.0	24	0	76.3	12	0	60.7	21	0	40.6	13	0	63.4	2	1	32.3	17	0	46.5	17	0			
DWRB64 (Filler)	IVT-IRTS-FB-19	24.0	24	0	31.7	20	0	36.1	18	0	68.7	18	0	71.7	13	0	27.2	24	0	39.1	25	0	34.4	16	0	41.6	22	0			
RD 3095	IVT-IRTS-FB-20	38.5	9	0	40.1	4	1	48.6	4	0	103.4	1	1	82.5	1	1	46.5	8	0	61.4	7	1	39.5	11	0	57.6	1	1			
KB 2212	IVT-IRTS-FB-21	29.7	20	0	37.2	9	1	36.7	17	0	60.4	25	0	52.0	25	0	33.0	21	0	43.3	24	0	38.7	12	0	41.4	24	0			
GB2	IVT-IRTS-FB-23	31.8	15	0	41.2	2	1	36.1	19	0	71.9	15	0	68.0	16	0	53.0	3	0	52.9	18	0	29.9	23	0	48.1	15	0			
DWRB137 (C)	IVT-IRTS-FB-16	40.9	6	0	29.7	21	0	38.4	13	0	95.9	3	1	76.0	4	1	39.2	14	0	62.0	4	1	43.7	5	0	53.2	5	0			
HUB113 (C)	IVT-IRTS-FB-22	32.1	14	0	36.9	11	1	48.4	5	0	92.2	4	0	72.2	11	0	38.5	15	0	55.5	14	0	53.7	1	1	53.7	4	0			
RD2899 (C)	IVT-IRTS-FB-24	43.8	3	1	36.3	14	1	50.4	3	1	80.8	11	0	72.2	12	0	35.3	17	0	61.0	8	1	27.1	24	0	50.9	10	0			
BH 946 (C)	IVT-IRTS-FB-25	45.5	2	1	36.7	13	1	43.1	9	0	68.8	17	0	74.8	7	1	45.9	9	0	62.0	5	1	30.1	22	0	50.9	9	0			
	G.M.	34.7			34.8			40.6			76.9			69.5			41.2			55.4			37.7			48.9					
	S.E.(M)	2.3			2.5			2.6			4.3			3.9			1.4			1.8			1.3			0.959					
	C.D. (10%)	5.6			6.2			6.4			10.7			9.6			3.4			4.2			3.3			2.2					
	C.V. (%)	9.4			10.1			9.1			7.9			7.9			4.9			4.5			5.0								
	DOS	11.11.23			6.11.23			5.11.23			6.11.23			9.11.23			20.11.23			18.11.23			19.11.23								

No. of Trials : Proposed = 8 Conducted = 8
 Trial not conducted (00) = Nil
 Trials not considered for pooled analysis (00) = Nil

**Initial Varietal Trial – IRTS-FB
Grain Yield (q/ha)**

Zone: NEPZ
Rabi – 2023-24

Name of Entry	Entry Code	Kanpur			Kumarganj			Pusa (RPCAU),			BISA, Samastipur			Zonal Mean		
		Yield	RK	G	Rk	G	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
HUB 291	IVT-IRTS-FB-1	50.7	12	0	32.8	13	0	37.9	8	0	29.4	19	0	37.7	15	0
DWRB 2303	IVT-IRTS-FB-2	31.5	25	0	22.1	22	0	38.7	7	0	30.9	18	0	30.8	21	0
RD 3093	IVT-IRTS-FB-3	51.1	11	0	20.8	24	0	15.7	25	0	2.6	25	0	22.5	25	0
RD2907 (Filler)	IVT-IRTS-FB-4	56.5	5	1	30.4	15	0	32.3	14	0	38.3	9	0	39.4	11	0
PL 954	IVT-IRTS-FB-5	55.8	6	1	40.3	7	0	25.4	21	0	31.2	16	0	38.2	13	0
BH1059	IVT-IRTS-FB-6	62.0	1	1	47.2	2	1	31.0	16	0	45.3	2	1	46.4	1	1
UPB 1123	IVT-IRTS-FB-7	38.4	22	0	30.0	16	0	27.0	19	0	31.0	17	0	31.6	20	0
BH1058	IVT-IRTS-FB-8	55.4	8	1	34.4	12	0	41.4	5	1	42.1	4	1	43.3	6	0
HUB 290	IVT-IRTS-FB-9	52.9	10	1	49.9	1	1	44.3	2	1	38.3	10	0	46.3	2	1
GB1	IVT-IRTS-FB-10	32.6	24	0	19.6	25	0	34.9	12	0	4.5	24	0	22.9	24	0
DWRB 2302	IVT-IRTS-FB-11	55.8	6	1	31.7	14	0	39.8	6	0	35.6	14	0	40.7	9	0
PL 956	IVT-IRTS-FB-12	43.5	17	0	22.0	23	0	34.8	13	0	28.3	20	0	32.1	19	0
DWRB2319	IVT-IRTS-FB-13	48.6	13	0	23.9	21	0	27.4	18	0	36.0	12	0	34.0	17	0
UPB 1122	IVT-IRTS-FB-14	47.5	14	0	45.5	5	0	43.3	3	1	42.3	3	1	44.6	4	1
PL 955	IVT-IRTS-FB-15	59.4	2	1	37.6	8	0	46.0	1	1	40.1	7	1	45.8	3	1
RD3096	IVT-IRTS-FB-17	47.5	15	0	26.0	20	0	18.1	24	0	10.9	23	0	25.6	23	0
DWRB 2301	IVT-IRTS-FB-18	36.2	23	0	29.9	17	0	26.5	20	0	24.6	22	0	29.3	22	0
DWRB64 (Filler)	IVT-IRTS-FB-19	43.5	17	0	26.2	19	0	36.5	9	0	46.3	1	1	38.1	14	0
RD 3095	IVT-IRTS-FB-20	58.0	3	1	37.1	9	0	29.4	17	0	40.1	6	1	41.1	8	0
KB 2212	IVT-IRTS-FB-21	43.5	17	0	29.1	18	0	22.8	23	0	37.8	11	0	33.3	18	0
GB2	IVT-IRTS-FB-23	55.1	9	1	35.4	11	0	35.3	11	0	27.6	21	0	38.4	12	0
DWRB137 (C)	IVT-IRTS-FB-16	58.0	3	1	36.0	10	0	35.7	10	0	40.4	5	1	42.5	7	0
HUB113 (C)	IVT-IRTS-FB-22	43.5	17	0	46.4	3	1	32.2	15	0	35.8	13	0	39.5	10	0
RD2899 (C)	IVT-IRTS-FB-24	47.1	16	0	45.9	4	0	43.2	4	1	38.9	8	1	43.8	5	1
BH 946 (C)	IVT-IRTS-FB-25	43.5	17	0	42.6	6	0	24.4	22	0	31.3	15	0	35.5	16	0
	G.M.	48.7			33.7			33.0			32.4			36.9		
	S.E.(M)	3.3			1.4			2.1			2.6			1.232		
	C.D. (10%)	8.1			3.5			5.1			6.3			2.9		
	C.V. (%)	9.7			6.0			8.9			11.4					
	DOS	7.11.23			10.11.23			15.11.23			15.11.23					

No. of Trials : Proposed = 7 Conducted = 7
 Trial not conducted (00) = Nil
 Trials not considered for pooled analysis (03) = Varanasi (LSM), Sabour (LSM) and Ranchi (LSM)

**Initial Varietal Trial – IRTS-FB
Grain Yield Data (q/ha)**

Zone: CZ
Rabi – 2023-24

Name of Entry	Entry Code	Udaipur			Gwalior			Tikkamgarh			Banda			Zonal Mean		
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	Rk	G
HUB 291	IVT-IRTS-FB-1	44.3	19	0	27.3	21	0	56.4	21	0	57.3	7	1	46.3	20	0
DWRB 2303	IVT-IRTS-FB-2	38.5	23	0	28.1	20	0	48.9	24	0	47.9	19	0	40.8	24	0
RD 3093	IVT-IRTS-FB-3	64.8	5	1	28.2	18	0	72.3	9	0	51.8	16	0	54.3	7	0
RD2907 (Filler)	IVT-IRTS-FB-4	54.8	10	0	28.2	19	0	74.3	7	0	54.7	10	1	53.0	8	0
PL 954	IVT-IRTS-FB-5	54.4	11	0	36.2	4	1	80.6	2	1	52.4	14	0	55.9	4	1
BH1059	IVT-IRTS-FB-6	63.8	6	1	30.2	13	0	66.7	12	0	61.0	3	1	55.4	6	1
UPB 1123	IVT-IRTS-FB-7	49.4	17	0	29.8	15	0	60.5	19	0	44.3	22	0	46.0	21	0
BH1058	IVT-IRTS-FB-8	51.8	13	0	32.8	9	0	57.0	20	0	56.8	8	1	49.6	16	0
HUB 290	IVT-IRTS-FB-9	36.5	25	0	26.4	22	0	63.2	15	0	62.1	1	1	47.1	19	0
GB1	IVT-IRTS-FB-10	65.4	4	1	19.4	25	0	40.9	25	0	44.0	23	0	42.4	23	0
DWRB 2302	IVT-IRTS-FB-11	67.4	2	1	31.5	12	0	72.5	8	0	61.5	2	1	58.2	2	1
PL 956	IVT-IRTS-FB-12	40.0	22	0	31.9	11	0	77.6	5	1	53.7	12	0	50.8	13	0
DWRB2319	IVT-IRTS-FB-13	56.1	9	0	35.2	6	0	66.3	13	0	52.7	13	0	52.6	9	0
UPB 1122	IVT-IRTS-FB-14	51.8	14	0	32.0	10	0	74.5	6	0	48.1	18	0	51.6	11	0
PL 955	IVT-IRTS-FB-15	48.1	18	0	37.8	3	1	80.8	1	1	55.6	9	1	55.6	5	1
RD3096	IVT-IRTS-FB-17	69.2	1	1	35.7	5	1	69.9	10	0	50.9	17	0	56.4	3	1
DWRB 2301	IVT-IRTS-FB-18	60.2	7	1	30.1	14	0	62.9	16	0	52.3	15	0	51.4	12	0
DWRB64 (Filler)	IVT-IRTS-FB-19	36.7	24	0	33.2	7	0	56.1	22	0	33.0	25	0	39.8	25	0
RD 3095	IVT-IRTS-FB-20	51.1	15	0	33.1	8	0	78.3	4	1	39.7	24	0	50.5	14	0
KB 2212	IVT-IRTS-FB-21	41.1	21	0	28.6	17	0	55.4	23	0	53.8	11	0	44.7	22	0
GB2	IVT-IRTS-FB-23	41.8	20	0	41.6	1	1	67.0	11	0	47.0	20	0	49.3	17	0
DWRB137 (C)	IVT-IRTS-FB-16	52.4	12	0	26.2	23	0	66.2	14	0	46.5	21	0	47.8	18	0
HUB113 (C)	IVT-IRTS-FB-22	57.0	8	0	25.3	24	0	61.5	18	0	57.6	5	1	50.4	15	0
RD2899 (C)	IVT-IRTS-FB-24	66.5	3	1	29.6	16	0	79.2	3	1	57.7	4	1	58.3	1	1
BH 946 (C)	IVT-IRTS-FB-25	50.0	16	0	40.1	2	1	61.7	17	0	57.3	6	1	52.3	10	0
	G.M.	52.5			31.1			66.0			52.0			50.4		
	S.E.(M)	3.7			2.6			3.2			3.1			1.6		
	C.D. (10%)	9.2			6.3			7.6			7.5			3.7		
	C.V. (%)	10.0			11.7			6.8			8.5					
	DOS	20.11.23			25.11.23			17.11.23			21.11.23					

No. of Trials : Proposed = 6 Conducted = 6
 Trial not conducted (00) = Nil
 Trials not considered for pooled analysis (02) = Morena (DOS; 16.12.23) and Vijapur (LSM)