

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

Rabi – 2022-23

Name of Entry	Entry Code	Hisar			Karnal			Ludhiana			Durgapura			Tabiji			Pantnagar			Modipuram			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
	IVT-IRTS-FB-1	43.0	4	1	27.9	19	0	38.4	21	0	56.1	14	0	43.5	25	0	41.3	14	0	52.7	18	0	43.3	20	0
	IVT-IRTS-FB-2	48.4	1	1	42.2	4	0	48.9	4	1	66.1	10	0	62.1	13	0	41.5	12	0	62.0	2	1	53.0	4	0
	IVT-IRTS-FB-3	33.7	19	0	25.9	20	0	39.1	20	0	52.6	19	0	53.9	17	0	31.6	22	0	45.7	24	0	40.3	22	0
	IVT-IRTS-FB-4	45.1	3	1	33.3	14	0	50.8	1	1	50.4	20	0	73.2	7	1	57.0	4	1	48.0	21	0	51.1	8	0
	IVT-IRTS-FB-5	33.3	20	0	29.8	18	0	40.6	18	0	43.5	23	0	46.9	23	0	27.8	23	0	57.5	9	1	39.9	23	0
	IVT-IRTS-FB-6	41.6	9	0	45.9	3	0	42.4	12	0	67.2	7	0	71.0	8	0	56.7	5	1	55.3	12	0	54.3	3	0
	IVT-IRTS-FB-7	41.3	10	0	31.5	16	0	46.1	5	0	66.8	8	0	51.4	19	0	37.0	17	0	57.3	10	1	47.3	14	0
	IVT-IRTS-FB-8	42.8	5	1	49.6	1	1	45.0	8	0	49.1	21	0	44.7	24	0	61.8	1	1	54.8	13	0	49.7	10	0
	IVT-IRTS-FB-9	42.5	8	1	40.2	6	0	42.1	16	0	75.2	3	0	79.2	2	1	59.2	3	1	59.3	5	1	56.8	1	1
	IVT-IRTS-FB-10	25.5	25	0	31.4	17	0	49.7	3	1	56.0	15	0	63.8	11	0	32.6	21	0	47.6	23	0	43.8	19	0
	IVT-IRTS-FB-11	39.9	13	0	35.8	9	0	42.2	13	0	66.6	9	0	75.4	3	1	36.7	18	0	63.3	1	1	51.4	6	0
	IVT-IRTS-FB-12	31.6	22	0	11.0	24	0	43.0	11	0	35.8	25	0	58.9	15	0	26.0	25	0	34.7	25	0	34.4	25	0
	IVT-IRTS-FB-13	42.7	6	1	41.4	5	0	44.8	9	0	55.7	16	0	73.9	5	1	41.3	13	0	59.0	6	1	51.2	7	0
	IVT-IRTS-FB-14	31.7	21	0	39.1	8	0	42.2	14	0	72.6	4	0	63.0	12	0	55.8	6	0	61.6	3	1	52.3	5	0
	IVT-IRTS-FB-15	35.5	18	0	34.6	12	0	50.1	2	1	70.1	6	0	47.1	22	0	59.8	2	1	53.7	16	0	50.1	9	0
	IVT-IRTS-FB-16	47.0	2	1	47.5	2	1	45.7	6	0	72.5	5	0	74.9	4	1	42.3	11	0	58.2	7	1	55.5	2	1
	IVT-IRTS-FB-17	38.1	16	0	18.4	22	0	35.5	25	0	36.8	24	0	52.7	18	0	40.1	15	0	57.8	8	1	39.9	24	0
	IVT-IRTS-FB-18	37.0	17	0	34.0	13	0	45.1	7	0	56.3	13	0	57.2	16	0	45.0	9	0	54.1	15	0	47.0	15	0
	IVT-IRTS-FB-19	28.6	24	0	10.3	25	0	39.3	19	0	55.1	17	0	69.1	9	0	46.6	7	0	53.5	17	0	43.2	21	0
	IVT-IRTS-FB-20	38.9	15	0	23.8	21	0	43.6	10	0	77.0	2	1	65.2	10	0	35.3	19	0	47.8	22	0	47.4	13	0
	IVT-IRTS-FB-21	41.0	11	0	32.7	15	0	42.2	15	0	52.8	18	0	51.0	20	0	32.6	20	0	59.9	4	1	44.6	18	0
	IVT-IRTS-FB-22	42.7	7	1	34.8	11	0	38.2	22	0	48.2	22	0	51.0	20	0	45.6	8	0	54.2	14	0	45.0	17	0
	IVT-IRTS-FB-23	28.7	23	0	11.9	23	0	36.0	24	0	82.3	1	1	85.7	1	1	27.7	24	0	49.6	19	0	46.0	16	0
	IVT-IRTS-FB-24	39.4	14	0	39.9	7	0	41.1	17	0	64.9	11	0	60.5	14	0	39.0	16	0	56.4	11	0	48.8	11	0
	IVT-IRTS-FB-25	40.7	12	0	35.5	10	0	36.9	23	0	57.8	12	0	73.9	5	1	42.5	10	0	49.6	19	0	48.1	12	0
	G.M.	38.4			32.3			42.8			59.5			62.0			42.5			54.1			47.4		
	S.E.(M)	2.5			1.4			1.5			2.3			5.0			2.3			2.4			1.029		
	C.D. (10%)	6.1			3.5			3.6			5.7			12.1			5.7			5.8			2.4		
	C.V. (%)	9.3			6.3			4.9			5.4			11.4			7.7			6.3					
	DOS	17.11.22			17.11.22			9.11.22			10.11.22			14.11.22			11.11.22			18.11.22					

No. of Trials : Proposed = 7 Conducted = 7
 Trial not conducted (00) = Nil; Trials not considered for pooled analysis (00) = Nil

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

Rabi – 2022-23
Rejected/Not reported

Name of Entry	Entry Code	Kanpur			Varanasi			Kumarganj			Pusa (CAU),			Ranchi			BISA, Samastipur			Zonal Mean			Sabour		
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
	IVT-IRTS-FB-1	38.4	21	0	34.2	14	0	37.6	15	0	49.0	5	1	37.0	18	0	55.6	6	1	42.0	11	0	12.3	25	0
	IVT-IRTS-FB-2	48.9	4	1	37.3	9	0	39.4	13	0	48.1	8	1	39.1	15	0	67.4	1	1	46.7	2	0	12.9	23	0
	IVT-IRTS-FB-3	39.1	20	0	30.9	19	0	43.2	9	0	41.3	15	0	43.5	11	0	47.8	10	0	41.0	16	0	15.0	11	0
	IVT-IRTS-FB-4	50.8	1	1	28.1	23	0	47.8	2	0	49.4	3	1	54.3	5	0	35.4	19	0	44.3	6	0	13.4	18	0
	IVT-IRTS-FB-5	40.6	18	0	50.1	1	1	42.6	10	0	38.4	22	0	39.9	14	0	58.1	4	1	44.9	4	0	18.3	3	1
	IVT-IRTS-FB-6	42.4	12	0	24.8	25	0	37.0	16	0	40.1	18	0	53.6	6	0	49.6	9	0	41.3	15	0	14.5	12	0
	IVT-IRTS-FB-7	46.1	5	0	39.9	6	0	34.5	21	0	47.9	9	1	37.0	17	0	24.5	22	0	38.3	20	0	18.3	4	1
	IVT-IRTS-FB-8	45.0	8	0	42.1	5	0	46.9	6	0	50.9	1	1	35.9	21	0	43.5	14	0	44.1	7	0	16.5	7	0
	IVT-IRTS-FB-9	42.1	16	0	36.2	11	0	35.6	18	0	41.5	14	0	35.1	22	0	54.9	8	1	40.9	17	0	17.1	6	0
	IVT-IRTS-FB-10	49.7	3	1	31.6	17	0	52.5	1	1	40.3	17	0	18.8	25	0	57.0	5	1	41.7	14	0	13.1	21	0
	IVT-IRTS-FB-11	42.2	13	0	28.3	22	0	35.6	18	0	48.7	7	1	46.4	9	0	44.2	13	0	40.9	18	0	13.7	16	0
	IVT-IRTS-FB-12	43.0	11	0	30.9	20	0	32.2	22	0	40.6	16	0	30.4	24	0	18.7	24	0	32.6	25	0	15.3	10	0
	IVT-IRTS-FB-13	44.8	9	0	43.7	3	0	47.6	4	0	47.2	10	1	65.2	1	1	54.9	7	1	50.6	1	1	13.5	17	0
	IVT-IRTS-FB-14	42.2	14	0	31.6	18	0	36.7	17	0	45.8	11	1	55.1	3	0	59.4	3	1	45.1	3	0	13.9	15	0
	IVT-IRTS-FB-15	50.1	2	1	42.9	4	0	35.1	20	0	49.0	6	1	37.7	16	0	35.7	18	0	41.7	13	0	19.2	2	1
	IVT-IRTS-FB-16	45.7	6	0	38.2	7	0	47.7	3	0	38.9	21	0	36.2	19	0	46.3	11	0	42.2	9	0	13.2	20	0
	IVT-IRTS-FB-17	35.5	25	0	35.4	13	0	47.4	5	0	49.2	4	1	36.2	19	0	62.5	2	1	44.4	5	0	12.7	24	0
	IVT-IRTS-FB-18	45.1	7	0	36.2	12	0	39.0	14	0	36.9	23	0	55.1	3	0	44.7	12	0	42.8	8	0	17.6	5	0
	IVT-IRTS-FB-19	39.3	19	0	28.6	21	0	42.4	12	0	32.1	25	0	56.5	2	0	39.3	17	0	39.7	19	0	20.1	1	1
	IVT-IRTS-FB-20	43.6	10	0	31.7	16	0	44.1	8	0	39.8	20	0	42.0	12	0	19.7	23	0	36.8	21	0	14.4	13	0
	IVT-IRTS-FB-21	42.2	15	0	34.1	15	0	29.2	24	0	40.0	19	0	31.2	23	0	42.2	15	0	36.5	22	0	13.0	22	0
	IVT-IRTS-FB-22	38.2	22	0	44.2	2	0	42.5	11	0	49.6	2	1	46.4	8	0	31.8	20	0	42.1	10	0	16.4	8	0
	IVT-IRTS-FB-23	36.0	24	0	26.8	24	0	29.3	23	0	33.2	24	0	41.3	13	0	30.2	21	0	32.8	24	0	13.3	19	0
	IVT-IRTS-FB-24	41.1	17	0	37.9	8	0	27.2	25	0	45.7	12	1	44.9	10	0	12.1	25	0	34.8	23	0	14.0	14	0
	IVT-IRTS-FB-25	36.9	23	0	37.0	10	0	44.2	7	0	44.9	13	1	48.6	7	0	40.1	16	0	41.9	12	0	15.5	9	0
	G.M.	42.8			35.3			39.9			43.5			42.7			43.0			41.2			15.1		
	S.E.(M)	1.5			1.8			0.9			3.6			3.4			7.2			1.515			0.8		
	C.D. (10%)	3.6			4.3			2.1			9.0			8.2			17.5			3.5			1.9		
	C.V. (%)	4.9			7.0			3.1			11.8			11.2			23.7						7.2		
	DOS	11.10.22			14.11.22			11.11.22			18.11.2022			15.11.22			16.11.						16.11.22		

No. of Trials: Proposed = 7 Conducted = 7
 Trial not conducted (00) = Nil
 Trials not considered for pooled analysis (01) = Sabour (LSM)

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

Rabi – 2022-23

Name of Entry	Entry Code	Udaipur			Morena			Tikkamgarh			Vijapur			Banda			Zonal Mean		
		Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
	IVT-IRTS-FB-1	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	49.9	17	0
	IVT-IRTS-FB-2	45.1	18	0	50.4	15	0	64.8	18	0	46.1	4	1	55.8	20	0	57.2	5	0
	IVT-IRTS-FB-3	55.6	8	0	56.5	7	0	86.3	3	0	43.9	10	1	61.5	13	0	48.7	20	0
	IVT-IRTS-FB-4	41.7	22	0	51.8	11	0	57.2	25	0	34.4	18	0	63.4	8	0	60.5	1	1
	IVT-IRTS-FB-5	57.3	5	0	69.9	1	1	79.1	8	0	44.9	8	1	57.6	18	0	48.1	21	0
	IVT-IRTS-FB-6	50.6	14	0	48.9	19	0	62.0	21	0	30.9	19	0	56.4	19	0	58.5	4	1
	IVT-IRTS-FB-7	51.4	11	0	50.7	14	0	87.0	2	1	40.0	13	0	68.2	5	0	48.9	19	0
	IVT-IRTS-FB-8	61.0	2	1	43.1	22	0	63.0	20	0	38.8	14	0	50.4	23	0	49.3	18	0
	IVT-IRTS-FB-9	37.3	23	0	50.4	15	0	76.0	11	0	34.9	16	0	61.1	14	0	54.7	10	0
	IVT-IRTS-FB-10	50.2	16	0	44.9	21	0	83.6	4	0	45.1	7	1	69.5	4	0	45.3	25	0
	IVT-IRTS-FB-11	34.4	25	0	51.8	11	0	75.3	12	0	29.7	20	0	62.0	12	0	56.9	6	0
	IVT-IRTS-FB-12	42.3	21	0	61.2	4	0	75.2	13	0	34.8	17	0	81.3	1	1	46.3	24	0
	IVT-IRTS-FB-13	65.9	1	1	36.3	24	0	61.3	22	0	22.7	24	0	61.1	15	0	58.5	3	1
	IVT-IRTS-FB-14	50.8	13	0	56.7	6	0	71.4	15	0	48.4	2	1	58.6	17	0	53.4	11	0
	IVT-IRTS-FB-15	43.1	20	0	49.3	18	0	83.4	5	0	45.6	5	1	44.0	24	0	53.1	12	0
	IVT-IRTS-FB-16	54.4	9	0	36.6	23	0	79.3	7	0	48.5	1	1	62.1	11	0	47.0	23	0
	IVT-IRTS-FB-17	34.7	24	0	33.4	25	0	73.7	14	0	41.5	12	1	62.4	10	0	51.9	14	0
	IVT-IRTS-FB-18	56.3	6	0	53.6	9	0	66.2	17	0	26.5	23	0	72.3	3	0	60.1	2	1
	IVT-IRTS-FB-19	50.9	12	0	69.6	2	1	76.7	10	0	45.5	6	1	63.2	9	0	56.2	8	0
	IVT-IRTS-FB-20	56.3	7	0	52.7	10	0	90.7	1	1	28.5	21	0	52.3	21	0	50.2	16	0
	IVT-IRTS-FB-21	58.0	4	0	61.6	3	0	77.8	9	0	21.1	25	0	40.7	25	0	47.1	22	0
	IVT-IRTS-FB-22	44.1	19	0	54.1	8	0	59.4	23	0	27.2	22	0	66.8	6	0	55.3	9	0
	IVT-IRTS-FB-23	45.8	17	0	48.0	20	0	81.6	6	0	43.9	9	1	66.1	7	0	50.8	15	0
	IVT-IRTS-FB-24	50.3	15	0	49.6	17	0	63.7	19	0	47.5	3	1	52.1	22	0	52.8	13	0
	IVT-IRTS-FB-25	53.3	10	0	51.6	13	0	57.7	24	0	35.7	15	0	73.6	2	0	56.7	7	0
	G.M.	50.1			51.6			72.9			37.9			60.9			52.7		
	S.E.(M)	3.1			3.1			1.8			3.4			2.5			1.195		
	C.D. (10%)	7.6			7.5			4.4			8.4			6.0			2.8		
	C.V. (%)	8.7			8.5			3.5			12.6			5.8					
	DOS	19.11.22			22.11.22			12.11.22			17.11.2022			15.11.2022					

No. of Trials: Proposed = 6 Conducted = 5
Trial not conducted (01) = Gwalior; Trials not considered for pooled analysis (00) = Nil

