

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

Zone: NEPZ  
Rabi – 2023-24

Name of Entry	Entry Code	Kanpur			Kumarganj			Pusa (RPCAU)			BISA			Zonal Mean		
		Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G	Yield	Rk	G
	AVT-IRTS-FB-	44.9	4	0	37.6	4	0	47.2	1	1	30.0	4	0	39.9	1	1
	AVT-IRTS-FB-	55.1	1	1	39.4	3	0	34.3	2	0	26.9	5	0	38.9	2	1
	AVT-IRTS-FB-	52.2	2	1	43.0	2	1	24.9	4	0	32.9	3	1	38.2	3	0
	AVT-IRTS-FB-	43.3	5	0	44.9	1	1	19.8	5	0	35.7	1	1	35.9	5	0
	AVT-IRTS-FB-	49.1	3	0	33.3	5	0	31.8	3	0	34.4	2	1	37.2	4	0
	G.M.	49.0			39.6			31.6			32.0			38.0		
	S.E.(M)	1.5			0.9			0.8			1.9			0.678		
	C.D. (10%)	3.6			2.3			2.1			4.7			1.6		
	C.V. (%)	6.7			5.2			5.9			13.4					
	DOS	12.11.23			17.11.23			15.11.23			15.11.23					

No. of Trials : Proposed = 6                      Conducted = 6

Trial not conducted (00) = Nil

Trials not considered for pooled analysis (02) = Varanasi (LSM) and Sabour (LSM)

**Initial Varietal Trial – IRTS-FB  
Grain Yield Data (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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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

	<b>IVT-IRTS-FB-24</b>	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	
	<b>IVT-IRTS-FB-25</b>	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	
	<b>G.M.</b>	34.7			34.8			40.6			76.9			69.5			41.2			55.4			37.7			48.9			
	<b>S.E.(M)</b>	2.3			2.5			2.6			4.3			3.9			1.4			1.8			1.3			0.959			
	<b>C.D. (10%)</b>	5.6			6.2			6.4			10.7			9.6			3.4			4.2			3.3			2.2			
	<b>C.V. (%)</b>	9.4			10.1			9.1			7.9			7.9			4.9			4.5			5.0						
	<b>DOS</b>	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 Data (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
	IVT-IRTS-FB-	50.7	12	0	32.8	13	0	37.9	8	0	29.4	19	0	37.7	15	0
	IVT-IRTS-FB-	31.5	25	0	22.1	22	0	38.7	7	0	30.9	18	0	30.8	21	0
	IVT-IRTS-FB-	51.1	11	0	20.8	24	0	15.7	25	0	2.6	25	0	22.5	25	0
	IVT-IRTS-FB-	56.5	5	1	30.4	15	0	32.3	14	0	38.3	9	0	39.4	11	0
	IVT-IRTS-FB-	55.8	6	1	40.3	7	0	25.4	21	0	31.2	16	0	38.2	13	0
	IVT-IRTS-FB-	62.0	1	1	47.2	2	1	31.0	16	0	45.3	2	1	46.4	1	1
	IVT-IRTS-FB-	38.4	22	0	30.0	16	0	27.0	19	0	31.0	17	0	31.6	20	0
	IVT-IRTS-FB-	55.4	8	1	34.4	12	0	41.4	5	1	42.1	4	1	43.3	6	0
	IVT-IRTS-FB-	52.9	10	1	49.9	1	1	44.3	2	1	38.3	10	0	46.3	2	1
	IVT-IRTS-FB-	32.6	24	0	19.6	25	0	34.9	12	0	4.5	24	0	22.9	24	0
	IVT-IRTS-FB-	55.8	6	1	31.7	14	0	39.8	6	0	35.6	14	0	40.7	9	0
	IVT-IRTS-FB-	43.5	17	0	22.0	23	0	34.8	13	0	28.3	20	0	32.1	19	0
	IVT-IRTS-FB-	48.6	13	0	23.9	21	0	27.4	18	0	36.0	12	0	34.0	17	0
	IVT-IRTS-FB-	47.5	14	0	45.5	5	0	43.3	3	1	42.3	3	1	44.6	4	1
	IVT-IRTS-FB-	59.4	2	1	37.6	8	0	46.0	1	1	40.1	7	1	45.8	3	1
	IVT-IRTS-FB-	58.0	3	1	36.0	10	0	35.7	10	0	40.4	5	1	42.5	7	0
	IVT-IRTS-FB-	47.5	15	0	26.0	20	0	18.1	24	0	10.9	23	0	25.6	23	0
	IVT-IRTS-FB-	36.2	23	0	29.9	17	0	26.5	20	0	24.6	22	0	29.3	22	0
	IVT-IRTS-FB-	43.5	17	0	26.2	19	0	36.5	9	0	46.3	1	1	38.1	14	0
	IVT-IRTS-FB-	58.0	3	1	37.1	9	0	29.4	17	0	40.1	6	1	41.1	8	0
	IVT-IRTS-FB-	43.5	17	0	29.1	18	0	22.8	23	0	37.8	11	0	33.3	18	0
	IVT-IRTS-FB-	43.5	17	0	46.4	3	1	32.2	15	0	35.8	13	0	39.5	10	0
	IVT-IRTS-FB-	55.1	9	1	35.4	11	0	35.3	11	0	27.6	21	0	38.4	12	0
	IVT-IRTS-FB- 24	47.1	16	0	45.9	4	0	43.2	4	1	38.9	8	1	43.8	5	1
	IVT-IRTS-FB-	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 Code	Udaipur			Gwalior			Tikkamgarh			Banda			Zonal Mean		
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	Rk	G
	IVT-IRTS-FB-1	44.3	19	0	27.3	21	0	56.4	21	0	57.3	7	1	35.8	21	0
	IVT-IRTS-FB-2	38.5	23	0	28.1	20	0	48.9	24	0	47.9	19	0	33.3	24	0
	IVT-IRTS-FB-3	64.8	5	1	28.2	18	0	72.3	9	0	51.8	16	0	46.5	5	0
	IVT-IRTS-FB-4	54.8	10	0	28.2	19	0	74.3	7	0	54.7	10	1	41.5	16	0
	IVT-IRTS-FB-5	54.4	11	0	36.2	4	1	80.6	2	1	52.4	14	0	45.3	7	0
	IVT-IRTS-FB-6	63.8	6	1	30.2	13	0	66.7	12	0	61.0	3	1	47.0	4	0
	IVT-IRTS-FB-7	49.4	17	0	29.8	15	0	60.5	19	0	44.3	22	0	39.6	18	0
	IVT-IRTS-FB-8	51.8	13	0	32.8	9	0	57.0	20	0	56.8	8	1	42.3	12	0
	IVT-IRTS-FB-9	36.5	25	0	26.4	22	0	63.2	15	0	62.1	1	1	31.5	25	0
	IVT-IRTS-FB-10	65.4	4	1	19.4	25	0	40.9	25	0	44.0	23	0	42.4	11	0
	IVT-IRTS-FB-11	67.4	2	1	31.5	12	0	72.5	8	0	61.5	2	1	49.4	2	1
	IVT-IRTS-FB-12	40.0	22	0	31.9	11	0	77.6	5	1	53.7	12	0	35.9	20	0
	IVT-IRTS-FB-13	56.1	9	0	35.2	6	0	66.3	13	0	52.7	13	0	45.6	6	0
	IVT-IRTS-FB-14	51.8	14	0	32.0	10	0	74.5	6	0	48.1	18	0	41.9	14	0
	IVT-IRTS-FB-15	48.1	18	0	37.8	3	1	80.8	1	1	55.6	9	1	42.9	10	0
	IVT-IRTS-FB-16	52.4	12	0	26.2	23	0	66.2	14	0	46.5	21	0	39.3	19	0
	IVT-IRTS-FB-17	69.2	1	1	35.7	5	1	69.9	10	0	50.9	17	0	52.4	1	1
	IVT-IRTS-FB-18	60.2	7	1	30.1	14	0	62.9	16	0	52.3	15	0	45.1	8	0
	IVT-IRTS-FB-19	36.7	24	0	33.2	7	0	56.1	22	0	33.0	25	0	35.0	22	0
	IVT-IRTS-FB-20	51.1	15	0	33.1	8	0	78.3	4	1	39.7	24	0	42.1	13	0
	IVT-IRTS-FB-21	41.1	21	0	28.6	17	0	55.4	23	0	53.8	11	0	34.8	23	0
	IVT-IRTS-FB-22	57.0	8	0	25.3	24	0	61.5	18	0	57.6	5	1	41.2	17	0
	IVT-IRTS-FB-23	41.8	20	0	41.6	1	1	67.0	11	0	47.0	20	0	41.7	15	0
	IVT-IRTS-FB-24	66.5	3	1	29.6	16	0	79.2	3	1	57.7	4	1	48.1	3	1
	IVT-IRTS-FB-25	50.0	16	0	40.1	2	1	61.7	17	0	57.3	6	1	45.0	9	0
	G.M.	52.5			31.1			66.0			52.0					

S.E.(M)	3.7			2.6			3.2			3.1			41.8		
C.D. (10%)	9.2			6.3			7.6			7.5			2.266		
C.V. (%)	10.0			11.7			6.8			8.5			5.3		
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)

**Initial Varietal Trial -Dual Purpose Barley (DPB)-IR-TS  
Grain Yield (GY) and Green Fodder Yield (GFY) Data (q/ha)**

Zone: NWPZ  
Rabi – 2023-24

Name of	Entry Code	Hisar						Karnal						Durgapura						Zonal Mean					
		GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G
	IVT-DPB-E1	22.2	13	0	97.5	12	0	37.6	6	1	184.8	12	0	32.7	14	0	193.5	6	0	30.8	12	0	158.6	12	0
	IVT-DPB-E2	28.6	7	0	152.9	2	1	37.3	8	1	210.9	5	0	47.0	10	0	177.5	10	0	37.6	7	0	180.5	4	0
	IVT-DPB-E3	30.0	6	0	139.9	4	1	28.4	11	0	190.7	10	0	47.7	9	0	197.5	3	0	35.3	10	0	176.0	6	0
	IVT-DPB-E4	33.5	3	0	131.2	5	0	40.5	3	1	166.6	14	0	48.8	8	0	204.0	2	0	40.9	3	0	167.2	7	0
	IVT-DPB-E5	42.0	1	1	161.6	1	1	41.9	2	1	227.3	2	1	54.0	1	1	195.3	5	0	46.0	1	1	194.7	2	1
	IVT-DPB-E6	22.9	12	0	86.2	14	0	38.4	5	1	221.2	3	0	50.7	5	0	184.8	8	0	37.3	8	0	164.1	9	0
	IVT-DPB-E7	24.3	10	0	128.3	7	0	25.7	12	0	203.7	7	0	50.2	6	0	235.5	1	1	33.4	11	0	189.1	3	1
	IVT-DPB-E8	13.4	14	0	129.0	6	0	18.4	14	0	268.0	1	1	51.8	4	1	196.0	4	0	27.9	14	0	197.7	1	1
	IVT-DPB-E9	23.9	11	0	86.6	13	0	33.4	9	0	205.5	6	0	49.1	7	0	171.0	12	0	35.5	9	0	154.4	13	0
	IVT-DPB-	32.2	4	0	147.8	3	1	37.4	7	1	199.9	8	0	45.6	12	0	192.0	7	0	38.4	5	0	179.9	5	0
	IVT-DPB-	24.8	9	0	110.9	10	0	42.0	1	1	187.7	11	0	53.3	2	1	181.5	9	0	40.0	4	0	160.0	10	0
	IVT-DPB-	40.4	2	1	127.5	8	0	39.6	4	1	167.7	13	0	45.9	11	0	166.3	13	0	42.0	2	0	153.9	14	0
	IVT-DPB-	30.3	5	0	125.0	9	0	32.1	10	0	197.2	9	0	52.6	3	1	156.9	14	0	38.3	6	0	159.7	11	0
	IVT-DPB-	26.1	8	0	108.0	11	0	21.5	13	0	214.4	4	0	36.3	13	0	177.0	11	0	28.0	13	0	166.4	8	0
	G.M.	28.2			123.7			33.9			203.2			47.5			187.8			36.5			171.6		
	S.E.(M)	1.4			7.8			2.5			15.0			1.1			5.6			1.026			5.942		
	C.D. (10%)	4.1			22.3			7.1			42.9			3.3			16.1			2.4			14.0		
	C.V. (%)	10.1			12.6			14.7			14.8			4.8			6.0								
	DOS	11.11.23						6.11.23						6.11.23											

No. of Trials : Proposed = 7 Conducted = 7

Trial not conducted (00) = Nil

Data rejected (01): Pantnagar, Technical programme to cut al the replications at 55DAS not followed

Trials not considered for pooled analysis (03) = Ludhiana, Modipuram and Dholpur (Though the station means for grain yields were > 22 q/ha at these locations, but the corresponding means for green fodder are <125 q/ha)

**Initial Varietal Trial -Dual Purpose Barley (DPB)-IR-TS  
Grain Yield (GY) and Green Fodder Yield (GFY) Data (q/ha)**

Zone: NEPZ  
Rabi – 2023-24

Name of	Entry Code	Kanpur					
		GY	Rk	G	GFY	Rk	G
	IVT-DPB-E1	37.3	4	1	111.2	12	1
	IVT-DPB-E2	34.6	6	1	119.2	11	1
	IVT-DPB-E3	37.0	5	1	126.1	8	1
	IVT-DPB-E4	33.7	8	1	135.1	2	1
	IVT-DPB-E5	23.6	11	0	133.5	5	1
	IVT-DPB-E6	34.4	7	1	133.5	5	1
	IVT-DPB-E7	23.6	11	0	110.3	13	1
	IVT-DPB-E8	16.3	14	0	135.3	1	1
	IVT-DPB-E9	22.1	13	0	133.8	4	1
	IVT-DPB-E10	39.1	1	1	135.0	3	1
	IVT-DPB-E11	32.6	9	1	124.3	9	1
	IVT-DPB-E12	38.0	3	1	122.4	10	1
	IVT-DPB-E13	38.4	2	1	109.4	14	1
	IVT-DPB-E14	26.4	10	0	130.3	7	1
	G.M.	31.2			125.7		
	S.E.(M)	2.5			10.2		
	C.D. (10%)	7.2			29.1		
	C.V. (%)	16.1			16.2		
	DOS	14.11.23					

No. of Trials : Proposed = 4

Conducted = 4

Trial not conducted (00) = Nil

Data rejected (01): Ranchi, Technical programme to cut all the replications at 55DAS not followed

Trials not considered for pooled analysis (02) = Varanasi (LSM both for grain yield and green fodder yield);

Kumarganj (LSM for green fodder yield)



**Initial Varietal Trial -Dual Purpose Barley (DPB)-IR-TS  
Grain Yield (GY) and Green Fodder Yield (GFY) Data (q/ha)**

Zone: CZ  
Rabi – 2023-24

Name of Entry	Entry Code	Udaipur						Gwalior						Zonal Mean					
		GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G
	IVT-DPB-E1	31.3	5	0	197.1	11	0	28.8	12	0	350.2	2	0	30.1	8	0	273.7	2	0
	IVT-DPB-E2	24.6	9	0	229.0	5	1	31.2	10	0	199.3	13	0	27.9	11	0	214.1	12	0
	IVT-DPB-E3	24.9	8	0	213.8	10	1	28.4	13	0	283.8	8	0	26.7	13	0	248.8	8	0
	IVT-DPB-E4	20.8	13	0	226.1	7	1	42.8	2	0	223.4	12	0	31.8	5	0	224.8	11	0
	IVT-DPB-E5	20.1	14	0	241.3	1	1	38.8	4	0	259.7	10	0	29.5	9	0	250.5	7	0
	IVT-DPB-E6	34.7	2	0	223.9	8	1	52.5	1	1	416.7	1	1	43.6	1	1	320.3	1	1
	IVT-DPB-E7	29.3	7	0	234.8	2	1	31.9	7	0	308.0	3	0	30.6	7	0	271.4	3	0
	IVT-DPB-E8	21.8	11	0	229.0	5	1	34.2	5	0	289.9	6	0	28.0	10	0	259.4	5	0
	IVT-DPB-E9	23.9	10	0	189.9	12	0	29.6	11	0	187.2	14	0	26.8	12	0	188.5	14	0
	IVT-DPB-E10	31.5	4	0	219.6	9	1	31.4	9	0	259.7	10	0	31.5	6	0	239.6	9	0
	IVT-DPB-E11	30.3	6	0	232.2	3	1	33.9	6	0	308.0	3	0	32.1	4	0	270.1	4	0
	IVT-DPB-E12	32.7	3	0	111.6	14	0	31.8	8	0	308.0	3	0	32.3	3	0	209.8	13	0
	IVT-DPB-E13	40.2	1	1	187.0	13	0	41.0	3	0	289.9	6	0	40.6	2	0	238.4	10	0
	IVT-DPB-E14	21.6	12	0	231.2	4	1	28.2	14	0	277.8	9	0	24.9	14	0	254.5	6	0
	G.M.	27.7			211.9			34.6			283.0			31.2			247.4		
	S.E.(M)	1.7			13.6			0.5			7.0			0.903			7.632		
	C.D. (10%)	5.0			38.9			1.3			19.9			2.1			17.9		
	C.V. (%)	12.6			12.8			2.7			4.9								
	DOS	19.11.23						26.11.23											

No. of Trials : Proposed = 5                      Conducted = 5  
 Trial not conducted (00) = Nil  
 Data rejected (02): Morena, Vijapur, Technical programme to cut all the replications at 55DAS not followed  
 Trials not considered for pooled analysis (01) = Tikkamgarh (LSM for green fodder yield)

**Trials Not Considered for Pooled Analysis  
Advance Varietal Trial –IRTS-FB  
Grain Yield Data (q/ha)**

**Zone: NEPZ  
Rabi – 2023-24**

Name of Entry	Entry Code	Varanasi			Sabour		
		Yield	Rk	G	Yield	Rk	G
	AVT-IRTS-FB-	20.6	2	0	27.6	2	0
	AVT-IRTS-FB-	17.4	3	0	26.2	3	0
	AVT-IRTS-FB-	21.9	1	1	24.9	4	0
	AVT-IRTS-FB-	12.9	5	0	29.6	1	1
	AVT-IRTS-FB-	15.8	4	0	21.0	5	0
	G.M.	17.7			25.9		
	S.E.(M)	0.4			0.6		
	C.D. (10%)	1.0			1.5		
	C.V. (%)	5.0			5.2		
	DOS	26.11.23			8.11.23		

**Trials Not Considered for Pooled Analysis**  
**Initial Varietal Trial –IRTS-FB**  
**Grain Yield Data (q/ha)**

Name of	Entry Code	Varanasi			Sabour			Ranchi			Morena			Vijapur		
		Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G	Yield	RK	G
	IVT-IRTS-FB-1	23.9	11	0	8.0	23	0	16.8	20	0	47.7	14	0	13.9	21	0
	IVT-IRTS-FB-2	15.9	24	0	10.4	19	0	13.1	22	0	39.2	21	0	28.7	10	0
	IVT-IRTS-FB-3	12.3	25	0	-0.1	25	0	12.4	23	0	51.9	12	0	5.9	25	0
	IVT-IRTS-FB-4	22.5	16	0	14.3	12	0	24.9	16	0	52.8	8	0	24.2	17	0
	IVT-IRTS-FB-5	24.6	8	0	8.6	22	0	20.8	17	0	52.2	10	0	26.7	13	0
	IVT-IRTS-FB-6	26.8	4	0	13.9	14	0	32.5	5	0	49.4	13	0	33.7	3	0
	IVT-IRTS-FB-7	22.5	16	0	13.4	15	0	26.7	13	0	40.5	20	0	25.6	15	0
	IVT-IRTS-FB-8	27.5	2	0	14.1	13	0	31.8	6	0	53.6	7	0	29.1	9	0
	IVT-IRTS-FB-9	27.2	3	0	26.2	1	1	30.3	8	0	45.1	15	0	33.4	4	0
	IVT-IRTS-FB-	19.9	20	0	9.4	21	0	10.7	24	0	37.6	23	0	10.9	23	0
	IVT-IRTS-FB-	23.2	14	0	9.6	20	0	31.2	7	0	45.0	16	0	22.4	19	0
	IVT-IRTS-FB-	21.7	18	0	15.7	10	0	29.2	11	0	44.3	18	0	29.3	7	0
	IVT-IRTS-FB-	23.9	11	0	16.3	9	0	7.7	25	0	28.6	25	0	27.0	12	0
	IVT-IRTS-FB-	18.8	22	0	16.8	8	0	17.8	19	0	58.6	5	0	31.4	5	0
	IVT-IRTS-FB-	26.1	5	0	22.5	2	0	40.3	1	1	66.8	2	1	20.8	20	0
	IVT-IRTS-FB-	24.6	8	0	13.3	16	0	29.3	10	0	69.8	1	1	29.3	8	0
	IVT-IRTS-FB-	18.5	23	0	8.0	24	0	25.7	15	0	57.9	6	0	8.1	24	0
	IVT-IRTS-FB-	21.7	18	0	14.4	11	0	25.9	14	0	42.0	19	0	25.2	16	0
	IVT-IRTS-FB-	25.4	7	0	18.1	6	0	18.1	18	0	44.7	17	0	30.6	6	0
	IVT-IRTS-FB-	24.6	8	0	20.8	3	0	32.8	4	0	52.2	10	0	38.0	1	1
	IVT-IRTS-FB-	23.9	11	0	12.5	17	0	29.9	9	0	38.2	22	0	11.2	22	0
	IVT-IRTS-FB-	23.2	14	0	18.1	7	0	27.8	12	0	62.9	4	0	27.6	11	0
	IVT-IRTS-FB-	19.6	21	0	20.5	4	0	39.3	2	1	33.6	24	0	23.5	18	0
	IVT-IRTS-FB-	30.4	1	1	20.4	5	0	35.7	3	1	64.3	3	1	36.5	2	1
	IVT-IRTS-FB-	26.1	5	0	12.1	18	0	15.6	21	0	52.7	9	0	26.4	14	0
	G.M.	23.0			14.3			25.1			49.3			24.8		
	S.E.(M)	0.8			1.1			2.2			2.2			1.7		

	C.D. (10%)	1.9			2.8			5.4			5.4			4.2		
	C.V. (%)	4.9			11.2			12.3			6.4			9.6		
	DOS	26.11.23		10.11.23		10.11.23		16.12.23		10.11.23						

**Centres not considered for analysis as they did not follow the technical programme  
(First green fodder cut of all replication at 55DAS)  
Initial Varietal Trial -Dual Purpose Barley (DPB)-IR-TS  
Grain Yield (GY) and Green Fodder Yield (GFY)**

Entry Code	Replication	Pantnagar		Ranchi		Morena		Vijapur	
		GY (g/plot)	GFY (kg/plot)	GY (g/plot)	GFY (kg/plot)	GY (g/plot)	GFY (kg/plot)	GY (g/plot)	GFY (kg/plot)
IVT-DPB-E1	1	780	1.44	1700	3.90	523	13.40	1245	
	2	840	1.57	1700	3.40	597	14.80	0825	
	3	774		1900		1025		0000	8.79
	4	755		1600		1049		0000	9.43
IVT-DPB-E2	1	1727	2.59	2600	6.10	940	16.20	1800	
	2	1599	2.53	1800	5.70	826	14.60	1665	
	3	1850		2400		2012		0145	10.24
	4	1680		2100		1884		0220	12.51
IVT-DPB-E3	1	2106	2.57	2400	4.90	529	12.40	1150	
	2	1985	2.84	1700	5.40	413	11.20	1300	
	3	2305		2400		1690		0000	8.56
	4	2501		2100		2400		0255	9.89
IVT-DPB-E4	1	1674	1.70	1700	3.90	680	10.80	1020	
	2	1405	1.90	1800	4.90	768	12.60	1200	
	3	1758		2000		2380		0170	9.71
	4	1506		1800		2034		0215	10.07
IVT-DPB-E5	1	1388	2.51	2000	5.00	222	16.40	1290	
	2	1290	2.46	2000	4.90	215	17.60	1240	
	3	1134		2500		2300		0060	9.55
	4	1195		2000		2935		0025	7.32
IVT-DPB-E6	1	2140	2.08	1900	4.10	540	15.60	1065	
	2	1996	2.26	1700	4.20	480	16.80	1120	
	3	1874		2100		1500		20	7.50
	4	1830		2300		1870		195	9.08
IVT-DPB-E7	1	1285	4.35	1600	4.30	598	16.40	1285	

	2	1530	4.02	1600	3.20	743	15.00	1400	
	3	1364		2000		1400		0	12.59
	4	1656		1900		2176		80	11.15
IVT-DPB-E8	1	1153	3.35	1000	5.90	665	18.10	350	
	2	1162	2.91	800	5.90	750	19.30	225	
	3	1030		1200		1610		0	11.95
	4	1166		1100		2000		0	8.79
IVT-DPB-E9	1	1524	1.86	2000	5.60	240	14.60	685	
	2	1704	2.16	1600	3.40	323	16.40	725	
	3	1887		2200		1956		40	7.36
	4	1534		1600		1936		0	7.94
IVT-DPB-	1	1915	3.15	1800	5.00	870	16.00	1305	
	2	1878	3.38	2700	6.40	1000	14.40	1440	
	3	2198		2400		1270		420	12.64
	4	1850		2700		1800		420	13.70
IVT-DPB-	1	1410	2.55	2100	5.20	722	15.40	950	
	2	1769	2.50	2400	4.80	742	13.60	1195	
	3	1480		1600		1384		0	12.26
	4	1535		1800		1450		20	10.32
IVT-DPB-	1	1856	2.81	2400	3.20	516	12.60	510	
	2	1775	2.75	1700	3.20	420	14.20	600	
	3	1523		2100		1827		15	11.69
	4	1490		1400		2050		80	11.50
IVT-DPB-	1	1965	2.23	2500	4.10	555	16.20	665	
	2	2080	2.69	2400	4.20	490	14.80	795	
	3	1725		1900		2040		515	9.34
	4	1850		2000		2222		605	11.47
IVT-DPB-	1	1105	2.52	1800	4.70	484	16.60	415	
	2	1495	2.29	1500	3.20	378	15.40	465	
	3	1068		2100		1686		45	7.23
	4	1089		1500		1914		50	7.42
DOS		20.11.23		21.11.23		17.12.23		10.11.23	
Plot Size (m <sup>2</sup> )		6.9		6.9		4.14		6.0	

**Trials not considered for pooled Analysis**  
**Initial Varietal Trial -Dual Purpose Barley (DPB)-IR-TS**  
**Grain Yield (GY) and Green Fodder Yield (GFY) Data (q/ha)**

Name of	Entry Code	Ludhiana						Modipura						Dholpur					
		GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G
	IVT-DPB-E1	19.6	12	0	56.5	12	0	28.9	28.9	28.9	82.9	13	0	22.0	14	0	76.5	10	0
	IVT-DPB-E2	34.6	3	1	70.7	8	0	27.5	27.5	27.5	89.0	8	0	25.1	11	0	124.4	2	1
	IVT-DPB-E3	37.5	1	1	85.7	4	0	26.9	26.9	26.9	78.4	14	0	39.7	1	1	88.4	5	0
	IVT-DPB-E4	18.1	14	0	45.5	14	0	30.0	30.0	30.0	87.4	9	0	26.8	7	0	73.5	12	0
	IVT-DPB-E5	37.3	2	1	75.7	7	0	28.0	28.0	28.0	89.5	7	0	23.2	13	0	73.4	13	0
	IVT-DPB-E6	26.2	10	0	69.7	9	0	28.9	28.9	28.9	98.5	4	1	25.1	10	0	79.9	8	0
	IVT-DPB-E7	28.4	9	0	93.5	2	0	25.5	25.5	25.5	84.0	12	0	28.5	4	0	74.9	11	0
	IVT-DPB-E8	28.6	8	0	80.6	5	0	23.9	23.9	23.9	102.7	3	1	28.0	5	0	88.1	6	0
	IVT-DPB-E9	30.3	7	0	59.6	11	0	30.5	30.5	30.5	86.6	10	0	26.7	9	0	85.0	7	0
	IVT-DPB-E10	34.4	4	1	116.1	1	1	28.6	28.6	28.6	94.7	5	0	33.5	3	0	99.9	4	0
	IVT-DPB-E11	23.4	11	0	85.7	3	0	26.7	26.7	26.7	103.8	1	1	23.3	12	0	112.3	3	0
	IVT-DPB-E12	32.7	6	0	67.8	10	0	24.2	24.2	24.2	103.5	2	1	26.7	8	0	71.1	14	0
	IVT-DPB-E13	33.6	5	0	80.3	6	0	32.5	32.5	32.5	93.2	6	0	36.0	2	0	78.6	9	0
	IVT-DPB-E14	19.6	12	0	46.4	13	0	30.9	30.9	30.9	85.3	11	0	27.3	6	0	129.8	1	1
	G.M.	28.9			73.8			28.1	28.1	28.1	91.4			28.0			89.7		
	S.E.(M)	1.1			2.6			0.7	0.7	0.7	2.8			0.9			3.7		
	C.D. (10%)	3.1			7.6			2.1	2.1	2.1	7.9			2.5			10.6		
	C.V. (%)	7.5			7.2			5.2	5.2	5.2	6.1			6.1			8.2		
	DOS	5.11.23						18.11.23						20.11.23					

**Trials not considered for pooled Analysis**  
**Initial Varietal Trial -Dual Purpose Barley (DPB)-IR-TS**  
**Grain Yield (GY) and Green Fodder Yield (GFY) Data (q/ha)**

Name of Entry	Entry Code	Varanasi						Kumarganj						Tikkamgarh					
		GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G	GY	Rk	G	GFY	Rk	G
	IVT-DPB-E1	9.1	13	0	41.3	11	0	28.8	5	0	94.0	6	0	52.0	8	0	116.7	1	1
	IVT-DPB-E2	13.4	8	0	39.9	12	0	29.0	4	0	122.7	2	1	58.4	3	0	47.5	14	0
	IVT-DPB-E3	15.0	4	0	90.2	1	1	28.4	6	0	90.8	8	0	66.3	2	1	82.8	10	0
	IVT-DPB-E4	14.9	5	0	66.7	4	0	20.3	11	0	119.7	3	0	51.3	9	0	86.6	9	0
	IVT-DPB-E5	11.1	11	0	51.1	10	0	32.9	1	1	86.0	11	0	55.4	4	0	69.2	12	0
	IVT-DPB-E6	15.6	3	1	69.2	3	0	28.1	8	0	98.6	4	0	54.2	5	0	98.0	7	0
	IVT-DPB-E7	12.3	10	0	62.3	5	0	25.5	10	0	88.4	10	0	41.4	13	0	55.4	13	0
	IVT-DPB-E8	7.0	14	0	36.2	13	0	31.5	2	1	94.4	5	0	43.8	12	0	76.7	11	0
	IVT-DPB-E9	13.0	9	0	61.6	6	0	31.2	3	1	92.8	7	0	46.7	11	0	114.3	2	1
	IVT-DPB-E10	15.8	2	1	59.8	7	0	27.2	9	0	70.0	14	0	49.4	10	0	104.6	5	0
	IVT-DPB-E11	16.4	1	1	75.4	2	0	13.8	14	0	75.8	13	0	52.4	6	0	95.7	8	0
	IVT-DPB-E12	13.8	6	0	52.5	9	0	16.3	13	0	89.5	9	0	52.1	7	0	102.8	6	0
	IVT-DPB-E13	13.8	6	0	57.6	8	0	28.3	7	0	85.2	12	0	66.8	1	1	105.7	4	0
	IVT-DPB-E14	10.0	12	0	34.4	14	0	16.9	12	0	130.4	1	1	39.0	14	0	106.1	3	0
	G.M.	12.9			57.0			25.6			95.6			52.1			90.2		
	S.E.(M)	0.4			5.0			1.0			3.5			1.6			1.8		
	C.D. (10%)	1.0			14.2			2.9			10.1			4.7			5.2		
	C.V. (%)	5.7			17.4			7.8			7.4			6.3			4.0		
	DOS	25.11.23						23.11.23						16.11.23					