

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

Zone: NWPZ  
Rabi – 2023-24

Name of Entry	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
DWRB 2314	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	<b>30.8</b>	<b>12</b>	<b>0</b>	<b>158.6</b>	<b>12</b>	<b>0</b>
JHSBB19	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	<b>37.6</b>	<b>7</b>	<b>0</b>	<b>180.5</b>	<b>4</b>	<b>0</b>
JHSBE16	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	<b>40.9</b>	<b>3</b>	<b>0</b>	<b>167.2</b>	<b>7</b>	<b>0</b>
JHSBD22	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	<b>46.0</b>	<b>1</b>	<b>1</b>	<b>194.7</b>	<b>2</b>	<b>1</b>
DWRB2316	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	<b>37.3</b>	<b>8</b>	<b>0</b>	<b>164.1</b>	<b>9</b>	<b>0</b>
JHSBD11	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	<b>33.4</b>	<b>11</b>	<b>0</b>	<b>189.1</b>	<b>3</b>	<b>1</b>
DWRB2317	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	<b>35.5</b>	<b>9</b>	<b>0</b>	<b>154.4</b>	<b>13</b>	<b>0</b>
DWRB2318	IVT-DPB-E10	32.2	4	0	147.8	3	1	37.4	7	1	199.9	8	0	45.6	12	0	192.0	7	0	<b>38.4</b>	<b>5</b>	<b>0</b>	<b>179.9</b>	<b>5</b>	<b>0</b>
DWRB 2313	IVT-DPB-E11	24.8	9	0	110.9	10	0	42.0	1	1	187.7	11	0	53.3	2	1	181.5	9	0	<b>40.0</b>	<b>4</b>	<b>0</b>	<b>160.0</b>	<b>10</b>	<b>0</b>
JHSBF28	IVT-DPB-E12	40.4	2	1	127.5	8	0	39.6	4	1	167.7	13	0	45.9	11	0	166.3	13	0	<b>42.0</b>	<b>2</b>	<b>0</b>	<b>153.9</b>	<b>14</b>	<b>0</b>
JHSBF21	IVT-DPB-E13	30.3	5	0	125.0	9	0	32.1	10	0	197.2	9	0	52.6	3	1	156.9	14	0	<b>38.3</b>	<b>6</b>	<b>0</b>	<b>159.7</b>	<b>11</b>	<b>0</b>
DWRB 2315	IVT-DPB-E14	26.1	8	0	108.0	11	0	21.5	13	0	214.4	4	0	36.3	13	0	177.0	11	0	<b>28.0</b>	<b>13</b>	<b>0</b>	<b>166.4</b>	<b>8</b>	<b>0</b>
RD 2552 ( C )	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	<b>35.3</b>	<b>10</b>	<b>0</b>	<b>176.0</b>	<b>6</b>	<b>0</b>
RD 2715 ( C )	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	<b>27.9</b>	<b>14</b>	<b>0</b>	<b>197.7</b>	<b>1</b>	<b>1</b>
	G.M.	28.2			123.7			33.9			203.2			47.5			187.8			<b>36.5</b>			<b>171.6</b>		
	S.E.(M)	1.4			7.8			2.5			15.0			1.1			5.6			<b>1.026</b>			<b>5.942</b>		
	C.D. (10%)	4.1			22.3			7.1			42.9			3.3			16.1			<b>2.4</b>			<b>14.0</b>		
	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 all 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) (q/ha)**

Zone: NEPZ  
Rabi – 2023-24

Name of Entry	Entry Code	Kanpur					
		GY	Rk	G	GFY	Rk	G
DWRB 2314	IVT-DPB-E1	37.3	4	1	111.2	12	1
JHSBB19	IVT-DPB-E2	34.6	6	1	119.2	11	1
JHSBE16	IVT-DPB-E4	33.7	8	1	135.1	2	1
JHSBD22	IVT-DPB-E5	23.6	11	0	133.5	5	1
DWRB2316	IVT-DPB-E6	34.4	7	1	133.5	5	1
JHSBD11	IVT-DPB-E7	23.6	11	0	110.3	13	1
DWRB2317	IVT-DPB-E9	22.1	13	0	133.8	4	1
DWRB2318	IVT-DPB-E10	39.1	1	1	135.0	3	1
DWRB 2313	IVT-DPB-E11	32.6	9	1	124.3	9	1
JHSBF28	IVT-DPB-E12	38.0	3	1	122.4	10	1
JHSBF21	IVT-DPB-E13	38.4	2	1	109.4	14	1
DWRB 2315	IVT-DPB-E14	26.4	10	0	130.3	7	1
RD 2552 (C )	IVT-DPB-E3	37.0	5	1	126.1	8	1
RD 2715 (C )	IVT-DPB-E8	16.3	14	0	135.3	1	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 al the replications at 55DAS not followed  
 Trials not considered for pooled analysis (02) = Varanasi (LSM both for grain yoeld 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
DWRB 2314	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
JHSBB19	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
JHSBE16	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
JHSBD22	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
DWRB2316	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
JHSBD11	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
DWRB2317	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
DWRB2318	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
DWRB 2313	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
JHSBF28	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
JHSBF21	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
DWRB 2315	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
RD 2552 (C)	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
RD 2715 (C)	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
	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 al the replications at 55DAS not followed

Trials not considered for pooled analysis (01) = Tikkamgarh (LSM for green fodder yield)