

Table 7.3. Northern Hill Zone		IR-TS-DPB	Centrewise	2025-26
Cutting levels	Genotype	Shimla	Malan	Zonal mean
Grain Yield, q/ha				
Uncut	IR-TS-DPB-1	26.25	19.76	23.01
	IR-TS-DPB-2	27.67	28.10	27.88
	IR-TS-DPB-3	26.73	29.29	28.01
	Mean	26.88	25.71	26.30
One cut	IR-TS-DPB-1	21.10	15.95	18.52
	IR-TS-DPB-2	24.31	17.14	20.73
	IR-TS-DPB-3	24.02	23.10	23.56
	Mean	23.14	18.73	20.94
Mean	IR-TS-DPB-1	23.67	17.86	20.77
	IR-TS-DPB-2	25.99	22.62	24.30
	IR-TS-DPB-3	25.37	26.19	25.78
	Mean	25.01	22.22	23.62
CD (0.05)	Cutting (A)	1.00	1.44	0.73
	Genotype (B)	0.75	0.83	0.54
	B within A	1.07	1.17	0.76
	A within B	1.32	1.36	0.97
Fodder Yield, q/ha				
One cut	IR-TS-DPB-1	32.18	23.39	27.79
	IR-TS-DPB-2	35.41	25.89	30.65
	IR-TS-DPB-3	34.44	29.29	31.86
	Mean	34.01	26.19	30.10
Grain Equivalent Yield, q/ha				
Uncut	IR-TS-DPB-1	26.25	19.76	23.01
	IR-TS-DPB-2	27.67	28.10	27.88
	IR-TS-DPB-3	26.73	29.29	28.01
	Mean	26.88	25.71	26.30
One cut	IR-TS-DPB-1	28.09	20.84	24.47
	IR-TS-DPB-2	31.88	22.52	27.20
	IR-TS-DPB-3	31.55	28.83	30.19
	Mean	30.51	24.06	27.28
Mean	IR-TS-DPB-1	27.17	20.30	23.74
	IR-TS-DPB-2	29.77	25.31	27.54
	IR-TS-DPB-3	29.14	29.06	29.10
	Mean	28.69	24.89	26.79
CD (0.05)	Cutting (A)	0.34	1.52	0.64
	Genotype (B)	0.80	0.87	0.57
	B within A	1.14	1.23	0.80
	A within B	1.08	0.89	0.95
Date of Sowing:		11.11.2025	12.11.25	
Date of Harvesting:		12.05.2026	08.05.26	
		21.05.2026		

Table 7.4. Northern Hill Zone**IR-TS-DPB****Pooled****2025-26**

Genotype	Cutting levels				Mean	Rk
	Uncut	Rk	One cut	Rk		
Grain Yield, q/ha						
IR-TS-DPB-1	23.01	3	18.52	3	20.77	3
IR-TS-DPB-2	27.88	2	20.73	2	24.30	2
IR-TS-DPB-3	28.01	1	23.56	1	25.78	1
Mean	26.30		20.94		23.62	
	Cutting (A)		Genotype (B)	B within A	A within B	
CD (0.05)	0.73		0.54	0.76	0.97	
Fodder Yield, q/ha						
IR-TS-DPB-1			27.79			
IR-TS-DPB-2			30.65			
IR-TS-DPB-3			31.86			
Mean			30.10			
Grain Equivalent Yield, q/ha						
IR-TS-DPB-1	23.01	3	24.47	3	23.74	3
IR-TS-DPB-2	27.88	2	27.20	2	27.54	2
IR-TS-DPB-3	28.01	1	30.19	1	29.10	1
Mean	26.30		27.28		26.79	
	Cutting (A)		Genotype (B)	B within A	A within B	
CD (0.05)	0.64		0.57	0.80	0.95	
Earhead/sq.m.						
IR-TS-DPB-1	272	1	271	1	272	1
IR-TS-DPB-2	256	3	237	3	247	3
IR-TS-DPB-3	263	2	257	2	260	2
Mean	263		255		259	
	Cutting (A)		Genotype (B)	B within A	A within B	
CD (0.05)	5.02		9.66	NS	13.50	
Grains/earhead						
IR-TS-DPB-1	22.80	3	19.17	3	20.99	3
IR-TS-DPB-2	23.81	2	20.19	2	22.00	2
IR-TS-DPB-3	24.74	1	22.32	1	23.53	1
Mean	23.78		20.56		22.17	
	Cutting (A)		Genotype (B)	B within A	A within B	
CD (0.05)	0.75		1.11	NS	1.61	
1000 grains weight, g						
IR-TS-DPB-1	40.46	3	39.81	3	40.13	3
IR-TS-DPB-2	46.08	1	43.86	1	44.97	1
IR-TS-DPB-3	43.68	2	42.58	2	43.13	2
Mean	43.40		42.08		42.74	
	Cutting (A)		Genotype (B)	B within A	A within B	
CD (0.05)	0.72		0.98	NS	1.45	
Centres: Shimla, Malan						

Centres: Shimla, Malan

Table 7.4.1. Northern Hill Zone		IR-TS-DPB		Shimla	2025-26	
Genotype	Cutting levels				Mean	Rk
	Uncut	Rk	One cut	Rk		
Grain Yield, q/ha						
IR-TS-DPB-1	26.25	3	21.10	3	23.67	3
IR-TS-DPB-2	27.67	1	24.31	1	25.99	1
IR-TS-DPB-3	26.73	2	24.02	2	25.37	2
Mean	26.88		23.14		25.01	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		**	0.30	1.00	4.28	
Genotype (B)		**	0.30	0.75	3.47	
B within A		N.S.	0.42	1.07		
A within B			0.46	1.32		
Green Fodder Yield, q/ha						
IR-TS-DPB-1			32.18	3		
IR-TS-DPB-2			35.41	1		
IR-TS-DPB-3			34.44	2		
Mean			34.01			
Grain Equivalent Yield, q/ha						
IR-TS-DPB-1	26.25	3	28.09	3	27.17	3
IR-TS-DPB-2	27.67	1	31.88	1	29.77	1
IR-TS-DPB-3	26.73	2	31.55	2	29.14	2
Mean	26.88		30.51		28.69	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		**	0.10	0.34	1.25	
Genotype (B)		**	0.32	0.80	3.22	
B within A		N.S.	0.45	1.14		
A within B			0.38	1.08		
Earhead/sq.m.						
IR-TS-DPB-1	227	3	214	3	221	3
IR-TS-DPB-2	256	1	234	1	245	1
IR-TS-DPB-3	252	2	229	2	241	2
Mean	245		226		235	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		**	0.79	2.62	1.18	
Genotype (B)		**	2.80	7.07	3.44	
B within A		N.S.	3.97	10.00		
A within B			3.33	7.58		
Grains/earhead						
IR-TS-DPB-1	31.22	1	27.06	2	29.14	1
IR-TS-DPB-2	24.75	3	24.78	3	24.77	3
IR-TS-DPB-3	27.39	2	27.10	1	27.24	2
Mean	27.79		26.31		27.05	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		N.S.	0.38	1.26	4.87	
Genotype (B)		**	0.60	1.51	6.29	
B within A		N.S.	0.85	2.14		
A within B			0.79	1.29		
1000 grains weight, g						
IR-TS-DPB-1	37.00	3	36.53	3	36.77	3
IR-TS-DPB-2	43.67	1	42.00	1	42.83	1
IR-TS-DPB-3	38.77	2	38.67	2	38.72	2
Mean	39.81		39.07		39.44	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		N.S.	0.17	0.56	1.47	
Genotype (B)		**	0.21	0.54	1.53	
B within A		N.S.	0.30	0.76		
A within B			0.30	0.43		
Date of Sowing:	11.11.2025	Date of Harvesting:		21.05.2026	12.05.2026	

Table 7.4.2. Northern Hill Zone		IR-TS-DPB		Malan	2025-26	
Genotype	Cutting levels				Mean	Rk
	Uncut	Rk	One cut	Rk		
Grain Yield, q/ha						
IR-TS-DPB-1	19.76	3	15.95	3	17.86	3
IR-TS-DPB-2	28.10	2	17.14	2	22.62	2
IR-TS-DPB-3	29.29	1	23.10	1	26.19	1
Mean	25.71		18.73		22.22	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		**	0.43	1.44	6.72	
Genotype (B)		**	0.33	0.83	4.16	
B within A		**	0.46	1.17		
A within B			0.58	1.36		
Green Fodder Yield, q/ha						
IR-TS-DPB-1			23.39	3		
IR-TS-DPB-2			25.89	2		
IR-TS-DPB-3			29.29	1		
Mean			26.19			
Grain Equivalent Yield, q/ha						
IR-TS-DPB-1	19.76	3	20.84	3	20.30	3
IR-TS-DPB-2	28.10	2	22.52	2	25.31	2
IR-TS-DPB-3	29.29	1	28.83	1	29.06	1
Mean	25.71		24.06		24.89	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		N.S.	0.46	1.52	6.32	
Genotype (B)		**	0.34	0.87	3.89	
B within A		**	0.49	1.23		
A within B			0.61	0.89		
Earhead/sq.m.						
IR-TS-DPB-1	316	1	329	1	323	1
IR-TS-DPB-2	256	3	241	3	248	3
IR-TS-DPB-3	273	2	284	2	279	2
Mean	282		285		283	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		N.S.	3.57	11.87	4.43	
Genotype (B)		**	7.47	18.84	7.58	
B within A		N.S.	10.57	26.64		
A within B			9.34	13.22		
Grains/earhead						
IR-TS-DPB-1	14.38	3	11.27	3	12.83	3
IR-TS-DPB-2	22.86	1	15.59	2	19.23	2
IR-TS-DPB-3	22.09	2	17.54	1	19.82	1
Mean	19.78		14.80		17.29	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		**	0.39	1.30	7.72	
Genotype (B)		**	0.69	1.74	11.18	
B within A		N.S.	0.98	2.46		
A within B			0.89	1.86		
1000 grains weight, g						
IR-TS-DPB-1	43.91	3	43.09	3	43.50	3
IR-TS-DPB-2	48.49	2	45.71	2	47.10	2
IR-TS-DPB-3	48.59	1	46.50	1	47.55	1
Mean	47.00		45.10		46.05	
		F. Test	S.E.m	CD (0.05)	C.V.(%)	
Cutting (A)		N.S.	0.50	1.66	3.72	
Genotype (B)		*	0.78	1.98	4.78	
B within A		N.S.	1.11	2.79		
A within B			1.03	2.03		
Date of Sowing:	12.11.25	Date of Harvesting:		08.05.26		