

Table 1.3. Northern Hill Zone		IR-LS-DOS-TAS		Centrewise	Yield, q/ha	2025-26
Sowing Time	Genotype	Almora	Bajaura	Malan	Shimla	Zonal Mean
Late	NHLSZ-201	51.57	48.87	34.68	32.14	41.81
	NHLSZ-202	51.06	40.45	25.73	30.03	36.81
	NHLSZ-203	50.13	40.54	21.81	26.01	34.62
	Mean	50.92	43.28	27.40	29.39	37.75
Very Late	NHLSZ-201	40.93	47.02	34.12	29.32	37.85
	NHLSZ-202	43.92	46.04	25.17	29.37	36.12
	NHLSZ-203	43.03	43.72	28.52	25.80	35.27
	Mean	42.63	45.60	29.27	28.16	36.41
Mean	NHLSZ-201	46.25	47.95	34.40	30.73	39.83
	NHLSZ-202	47.49	43.24	25.45	29.70	36.47
	NHLSZ-203	46.58	42.13	25.17	25.91	34.95
	Mean	46.77	44.44	28.34	28.78	37.08
CD (0.05)	Sowing (A)	3.25	1.61	N.S.	N.S.	0.85
	Genotype (B)	N.S.	1.22	1.68	1.07	0.75
	B within A	N.S.	1.72	2.37	N.S.	1.06
	A within B	N.S.	1.29	1.49	N.S.	1.23
Date of Sowing:	Late	10.12.2025	26.11.2025	28.11.2025	26.11.2025	
	Very Late	06.01.2026	19.12.2025	21.12.2026	18.12.2025	
Date of Harvesting:	Late	16.05.2026	03.06.2026	16.05.2026	26.05.2026	
	Very Late	25.05.2026	03.06.2026	28.05.2026	01.06.2026	

Table 1.4. Northern Hill Zone			IR-LS-DOS-TAS		Pooled	2025-26
Genotype	Sowing Time			Mean	Rk	
	Late	Very Late	Rk			
Yield, q/ha						
NHLSZ-201	41.81	1	37.85	1	39.83	1
NHLSZ-202	36.81	2	36.12	2	36.47	2
NHLSZ-203	34.62	3	35.27	3	34.95	3
Mean	37.75		36.41		37.08	
	F. Test		S.E.m	CD (0.05)		
Sowing (A)	*		0.34	0.85		
Genotype (B)	**		0.32	0.75		
B within A	**		0.45	1.06		
A within B			0.50	1.23		
Earheads/sq.m.						
NHLSZ-201	318	2	294	2	306	2
NHLSZ-202	304	3	297	1	301	3
NHLSZ-203	326	1	294	3	310	1
Mean	316		295		305	
	F. Test		S.E.m	CD (0.05)		
Sowing (A)	**		2.42	6.11		
Genotype (B)	N.S.		N.S.	N.S.		
B within A	N.S.		N.S.	N.S.		
A within B			N.S.	N.S.		
Grains/Earhead						
NHLSZ-201	27.24	2	30.06	3	28.65	2
NHLSZ-202	29.16	1	31.84	1	30.50	1
NHLSZ-203	24.26	3	31.79	2	28.03	3
Mean	26.89		31.23		29.06	
	F. Test		S.E.m	CD (0.05)		
Sowing (A)	**		0.50	1.26		
Genotype (B)	**		0.54	1.27		
B within A	**		0.76	1.79		
A within B			0.80	1.97		
1000 grain weight, g						
NHLSZ-201	52.19	1	48.59	1	50.39	1
NHLSZ-202	43.92	3	40.90	2	42.41	3
NHLSZ-203	45.69	2	40.20	3	42.95	2
Mean	47.27		43.23		45.25	
	F. Test		S.E.m	CD (0.05)		
Sowing (A)	**		0.34	0.85		
Genotype (B)	**		0.30	0.72		
B within A	*		0.43	1.01		
A within B			0.49	1.20		

Table 1.4.1. Northern Hill Zone			IR-LS-DOS-TAS		Almora	2025-26
Genotype	Sowing Time				Mean	Rk
	Late	Rk	Very Late	Rk		
Yield, q/ha						
NHLSZ-201	51.57	1	40.93	3	46.25	3
NHLSZ-202	51.06	2	43.92	1	47.49	1
NHLSZ-203	50.13	3	43.03	2	46.58	2
Mean	50.92		42.63		46.77	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	**		0.98	3.25	7.23	
Genotype (B)	N.S.		0.87	2.19	5.26	
B within A	N.S.		1.23	3.10		
A within B			1.40	4.62		
Earheads/sq.m.						
NHLSZ-201	385	3	327	3	356	3
NHLSZ-202	388	2	336	2	362	2
NHLSZ-203	392	1	342	1	367	1
Mean	388		335		362	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	**		5.11	17.01	4.90	
Genotype (B)	N.S.		14.22	35.83	11.12	
B within A	N.S.		20.11	50.68		
A within B			17.20	56.33		
Grains/Earhead						
NHLSZ-201	28.53	2	27.55	3	28.04	3
NHLSZ-202	31.51	1	31.60	1	31.56	1
NHLSZ-203	28.32	3	31.26	2	29.79	2
Mean	29.45		30.13		29.79	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	N.S.		1.30	4.34	15.16	
Genotype (B)	N.S.		1.43	3.61	13.61	
B within A	N.S.		2.03	5.11		
A within B			2.11	3.20		
1000 grain weight, g						
NHLSZ-201	47.72	1	46.12	1	46.92	1
NHLSZ-202	41.83	3	41.77	2	41.80	3
NHLSZ-203	45.91	2	40.81	3	43.36	2
Mean	45.15		42.90		44.03	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	N.S.		1.05	3.48	8.23	
Genotype (B)	**		0.79	1.99	5.07	
B within A	N.S.		1.12	2.81		
A within B			1.39	2.54		
Date of Sowing:	10.12.2025	06.01.2026	Date of Harvesting:		16.05.2026	25.05.2026

Table 1.4.2. Northern Hill Zone			IR-LS-DOS-TAS		Bajaura	2025-26
Genotype	Sowing Time			Mean	Rk	
	Late		Very Late			Rk
Yield, q/ha						
NHLSZ-201	48.87	1	47.02	1	47.95	1
NHLSZ-202	40.45	3	46.04	2	43.24	2
NHLSZ-203	40.54	2	43.72	3	42.13	3
Mean	43.28		45.60		44.44	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	*		0.48	1.61	3.76	
Genotype (B)	**		0.48	1.22	3.07	
B within A	**		0.68	1.72		
A within B			0.74	1.29		
Earheads/sq.m.						
NHLSZ-201	338	2	339	2	338	1
NHLSZ-202	292	3	359	1	326	3
NHLSZ-203	338	1	324	3	331	2
Mean	323		341		332	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	*		3.34	11.12	3.49	
Genotype (B)	N.S.		6.20	15.63	5.29	
B within A	**		8.77	22.10		
A within B			7.90	22.71		
Grains/Earhead						
NHLSZ-201	20.28	2	20.30	3	20.29	3
NHLSZ-202	23.39	1	22.79	2	23.09	1
NHLSZ-203	18.92	3	25.11	1	22.01	2
Mean	20.86		22.73		21.80	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	*		0.32	1.07	5.13	
Genotype (B)	N.S.		0.76	1.93	9.92	
B within A	*		1.08	2.72		
A within B			0.94	2.04		
1000 grain weight, g						
NHLSZ-201	71.50	1	68.50	1	70.00	1
NHLSZ-202	59.50	3	56.50	2	58.00	3
NHLSZ-203	63.50	2	54.00	3	58.75	2
Mean	64.83		59.67		62.25	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	**		0.53	1.77	2.96	
Genotype (B)	**		0.67	1.68	3.03	
B within A	**		0.94	2.38		
A within B			0.94	1.65		
Date of Sowing:	26.11.2025	19.12.2025	Date of Harvesting:		03.06.2026	03.06.2026

Table 1.4.3. Northern Hill Zone			IR-LS-DOS-TAS		Malan	2025-26
Genotype	Sowing Time			Mean	Rk	
	Late		Very Late			Rk
Yield, q/ha						
NHLSZ-201	34.68	1	34.12	1	34.40	1
NHLSZ-202	25.73	2	25.17	3	25.45	2
NHLSZ-203	21.81	3	28.52	2	25.17	3
Mean	27.40		29.27		28.34	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	N.S.		0.63	2.09	7.67	
Genotype (B)	**		0.67	1.68	6.64	
B within A	**		0.94	2.37		
A within B			0.99	1.49		
Earheads/sq.m.						
NHLSZ-201	284	2	237	3	261	2
NHLSZ-202	268	3	250	2	259	3
NHLSZ-203	320	1	283	1	302	1
Mean	291		257		274	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	*		6.33	21.08	8.02	
Genotype (B)	**		5.29	13.34	5.47	
B within A	N.S.		7.49	18.87		
A within B			8.80	19.57		
Grains/Earhead						
NHLSZ-201	39.56	1	51.51	1	45.53	1
NHLSZ-202	39.19	2	44.43	2	41.81	2
NHLSZ-203	29.17	3	44.24	3	36.70	3
Mean	35.98		46.72		41.35	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	*		1.44	4.78	12.03	
Genotype (B)	**		1.24	3.12	8.46	
B within A	*		1.75	4.41		
A within B			2.03	5.53		
1000 grain weight, g						
NHLSZ-201	31.05	1	28.00	1	29.52	1
NHLSZ-202	24.60	2	22.84	2	23.72	2
NHLSZ-203	23.37	3	22.75	3	23.06	3
Mean	26.34		24.53		25.43	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	*		0.25	0.84	3.43	
Genotype (B)	**		0.34	0.85	3.73	
B within A	N.S.		0.47	1.20		
A within B			0.46	0.73		
Date of Sowing:	28.11.2025	21.12.2026	Date of Harvesting:		16.05.2026	28.05.2026

Table 1.4.4. Northern Hill Zone			IR-LS-DOS-TAS		Shimla	2025-26
Genotype	Sowing Time			Mean	Rk	
	Late		Very Late			Rk
Yield, q/ha						
NHLSZ-201	32.14	1	29.32	2	30.73	1
NHLSZ-202	30.03	2	29.37	1	29.70	2
NHLSZ-203	26.01	3	25.80	3	25.91	3
Mean	29.39		28.16		28.78	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	N.S.		0.48	1.59	5.76	
Genotype (B)	**		0.43	1.07	4.19	
B within A	N.S.		0.60	1.52		
A within B			0.69	1.08		
Earheads/sq.m.						
NHLSZ-201	267	2	273	1	270	1
NHLSZ-202	269	1	243	2	256	2
NHLSZ-203	252	3	226	3	239	3
Mean	263		247		255	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	N.S.		4.08	13.57	5.54	
Genotype (B)	*		7.12	17.95	7.91	
B within A	N.S.		10.07	25.38		
A within B			9.18	17.84		
Grains/Earhead						
NHLSZ-201	20.58	3	20.89	3	20.73	3
NHLSZ-202	22.57	1	28.56	1	25.57	1
NHLSZ-203	20.65	2	26.55	2	23.60	2
Mean	21.27		25.33		23.30	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	**		0.32	1.06	4.75	
Genotype (B)	**		0.67	1.69	8.13	
B within A	*		0.95	2.39		
A within B			0.84	2.00		
1000 grain weight, g						
NHLSZ-201	58.50	1	51.75	1	55.13	1
NHLSZ-202	49.75	3	42.50	3	46.13	3
NHLSZ-203	50.00	2	43.25	2	46.63	2
Mean	52.75		45.83		49.29	
	F. Test		S.E.m	CD (0.05)	C.V.(%)	
Sowing (A)	**		0.60	2.01	4.24	
Genotype (B)	**		0.55	1.39	3.15	
B within A	N.S.		0.78	1.96		
A within B			0.88	1.93		
Date of Sowing:	26.11.2025	18.12.2025	Date of Harvesting:		26.05.2026	01.06.2026