

Table 7.18 Central Zone		IR-SL-LON				Udaipur		2025-26
Genotype	Nitrogen, kg/ha						Mean	Rk
	60	Rk	75	Rk	90	Rk		
Yield, q/ha								
IR-SL-LON-1	24.4	5	31.6	3	39.4	1	31.8	4
IR-SL-LON-2	28.2	4	24.4	5	24.2	5	25.6	5
IR-SL-LON-3	35.0	2	30.0	4	37.7	3	34.2	3
IR-SL-LON-4	39.7	1	42.1	1	38.1	2	40.0	1
IR-SL-LON-5	34.1	3	40.5	2	31.4	4	35.3	2
Mean	32.3		33.7		34.1		33.4	
		F. Test	S.E.m	CD (0.05)	C.V.(%)			
Nitrogen (A)		N.S.	1.1	3.2	12.5			
Genotype (B)		**	0.9	2.3	8.5			
B within A		**	1.6	3.9				
A within B			1.8	4.4				
Earhead/sq.m.								
IR-SL-LON-1	338	5	375	4	386	4	366	4
IR-SL-LON-2	342	3	375	4	391	3	369	3
IR-SL-LON-3	340	4	376	3	381	5	366	5
IR-SL-LON-4	354	1	382	1	408	1	381	1
IR-SL-LON-5	354	1	378	2	400	2	378	2
Mean	346		377		393		372	
		F. Test	S.E.m	CD (0.05)	C.V.(%)			
Nitrogen (A)		*	7.16	21.58	7.45			
Genotype (B)		N.S.	6.35	15.37	5.12			
B within A		N.S.	11.00	26.61				
A within B			12.17	29.44				
Grains/earhead								
IR-SL-LON-1	20.7	5	24.1	3	25.8	1	23.5	4
IR-SL-LON-2	22.7	4	17.6	5	15.2	5	18.5	5
IR-SL-LON-3	30.5	2	21.5	4	23.9	2	25.3	2
IR-SL-LON-4	31.3	1	29.2	1	22.3	3	27.6	1
IR-SL-LON-5	27.3	3	28.6	2	18.8	4	24.9	3
Mean	26.5		24.2		21.2		24.0	
		F. Test	S.E.m	CD (0.05)	C.V.(%)			
Nitrogen (A)		N.S.	1.36	4.11	22.03			
Genotype (B)		**	0.91	2.20	11.38			
B within A		**	1.57	3.81				
A within B			1.96	4.74				
1000 grains weight, g								
IR-SL-LON-1	34.8	4	35.5	5	39.7	5	36.7	5
IR-SL-LON-2	36.2	1	37.1	4	40.9	4	38.1	3
IR-SL-LON-3	34.1	5	37.3	3	41.5	3	37.6	4
IR-SL-LON-4	36.0	2	37.8	1	42.1	1	38.6	1
IR-SL-LON-5	35.7	3	37.5	2	41.7	2	38.3	2
Mean	35.4		37.0		41.2		37.9	
		F. Test	S.E.m	CD (0.05)	C.V.(%)			
Nitrogen (A)		**	0.31	0.94	3.19			
Genotype (B)		N.S.	0.62	1.51	4.95			
B within A		N.S.	1.08	2.62				
A within B			1.02	2.46				
Date of Sowing17.11.2025				Date of Harvesting:				