

Appendix IV

Analysis of variance for fresh weight of leaves (g) at different stages of growth.

Sources of Variation	D.F.	Mean sum of squares											
		30 DAT			60 DAT			90 DAT			120 DAT		
		1990-91	1991-92	1990-91	1991-92	1990-91	1991-92	1990-91	1991-92	1990-91	1991-92	1990-91	1991-92
Replication	2	0.021	0.12	0.23	0.074	0.35	0.25	7.36	8.66				
D	3	1.35**	1.63**	104.45**	119.96**	410.18**	430.82**	396.23**	430.05**				
Error (a)	6	0.041	0.047	1.03	0.51	0.89	1.69	5.48	7.00				
W	3	2.95**	3.45**	604.39**	649.52**	4450.32**	4859.95**	5238.92**	5675.11**				
D x W	9	0.36	0.41	1.05	1.18	3.39	3.48	5.66	6.69				
Error (b)	24	0.051	0.034	1.88	2.19	7.92	6.98	9.74	11.04				
N	3	5.66**	6.57**	319.87**	348.67**	1451.72**	1568.49**	1935.75**	2135.34**				
D x N	9	0.024	0.04	0.59	0.82	4.71	4.47	2.98	3.67				
W x N	9	0.046	0.06	64.30**	69.09**	334.15**	364.82**	461.56**	515.90**				
D x W x N	27	0.036	0.03	1.28	0.21	1.92	1.91	1.45	1.81				
Error (c)	96	0.12	0.53	3.28	4.39	16.87	21.06	20.91	21.74				
Total	191												

** Significant at 1% level of probability