

Table (9): Combined analysis of three seasons for tasseling and silking time, number of green leaves per plant and ear leaf area of maize plant at 85 days from sowing, as affected by nitrogen fertilizer levels, as well as concentrations and application times of zinc sulphate.

Treatments	Time of tassling	Time of silking	No. of green leaves/plant	Ear leaf area (cm ²)
<u>Kg N/fad.:</u>				
0	66.8	73.2	11.4	539.8
45	64.6	69.0	11.6	706.6
90	64.1	68.4	12.0	724.8
135	64.1	68.2	12.0	718.1

New L.S.D. at 5%	0.20	0.29	0.12	3.40
1%	0.27	0.38	0.15	4.53

<u>Zinc sulphate concentration:</u>				
0	65.1	70.0	11.7	656.3
0.4%	64.7	69.5	11.9	688.1
0.8%	64.9	69.7	11.7	672.5

New L.S.D. at 5%	0.26	0.27	0.12	2.69
1%	N.S.	0.36	N.S.	3.50

<u>Application time of zinc sulphate (days after sowing):</u>				
30	64.9	69.7	11.8	675.1
50	64.9	69.7	11.8	677.0
70	--	--	11.7	664.8

New L.S.D. at 5%	N.S.	N.S.	N.S.	3.48
1%	N.S.	N.S.	N.S.	4.50

Table (10): Combined analysis of three seasons for ear leaf area (cm^2) of maize plant at 85 days from sowing, as affected by the interaction between nitrogen fertilizer levels and zinc sulphate concentrations.

Treatments	Zinc sulphate concentration		
	0	0.4%	0.8%
<u>Kg N/fad.:</u>			
0	514.5	563.6	541.3
45	688.2	723.1	708.3
90	708.1	742.0	724.3
135	714.5	723.7	716.1

New L.S.D. at 5%		5.61	
1%		7.30	

Table (11): Combined analysis of three seasons for silking time (in days), number of green leaves per plant and ear leaf area of maize plant at 85 days from sowing, as affected by the interaction between concentrations and application times of zinc sulphate.

Characters	Number of green leaves/plant			Ear leaf area (cm ²)		
	Application time of zinc sulphate (Days after sowing)					
	30	50	70	30	50	70
Treatments						
Zinc sulphate concentration:						
0	11.7	11.6	11.8	657.7	655.6	655.7
0.4%	11.9	11.9	11.8	693.3	694.6	676.4
0.8%	11.8	11.8	11.6	674.4	680.9	662.2
New L.S.D. at 5%	0.23			6.74		
1%	N.S.			8.87		