

Table 3 Dry matter yield of maize as influenced by levels and ratios of nitrogen and sulphur fertilizers

Treatments	Levels (kg/ha)				Ratio	Dry matter yield at different stages (g/plant)				
	N	P ₂ O ₅	K ₂ O	S		N/S	30 DAS	60 DAS	90 DAS	At harvest
					Grain					Straw
T ₁	150	75	37.5	–	–	23.66 e	148.00 c	186.66 f	110.5 c	151.67 d
T ₂	150	75	37.5	6	25:1	26.66 d	162.67 b	226.66 e	115.50 bc	160.33 cd
T ₃	100	75	37.5	30	3.33:1	28.83 bcd	170.33 ab	240.66 bcd	120.00 abc	172.33 abc
T ₄	100	75	37.5	20	5:1	28.33 cd	168.00 ab	238.00 cd	118.30 abc	165.33 bc
T ₅	100	75	37.5	10	10:1	28.00 b	167.67 ab	234.83 de	116.20 bc	160.33 cd
T ₆	125	75	37.5	30	4.17:1	29.50 abcd	171.67 ab	249.50 abc	125.00 ab	173.33 ab
T ₇	125	75	37.5	20	6.25:1	28.83 bcd	170.33 ab	245.66 abcd	122.00 abc	171.67 abc
T ₈	125	75	37.5	10	12.5:1	27.66 d	169.33 ab	244.00 abcd	119.00 abc	167.33 abc
T ₉	150	75	37.5	30	5:1	33.66 a	175.33 a	250.66 a	131.00 a	179.00 a
T ₁₀	150	75	37.5	20	7.5:1	31.00 ab	171.33 ab	246.33 abcd	126.30 ab	171.67 abc
T ₁₁	150	75	37.5	10	15:1	30.33 abc	170.00 ab	244.66 abcd	124.33 ab	172.67 abc
T ₁₂	175	75	37.5	30	5.83:1	31.90 ab	174.33 a	251.66 ab	130.20 a	178.33 a
T ₁₃	175	75	37.5	20	8.75:1	31.66 ab	172.67 ab	250.00 ab	127.30 ab	173.00 abc
T ₁₄	175	75	37.5	10	17.5:1	30.33 ab	172.33 ab	255.00 ab	123.30 abc	172.00 abc
S Em ±						0.96	3.28	3.50	3.93	3.84
CD (0.05)						2.93	9.97	10.17	11.45	11.65

Note: In a column, mean values followed by the common letter are not significantly different at P=0.05 level (DMRT at 5% level); DAS: Days after sowing