

Table 3 Effect of nitrogen nutrition and growth regulators on NRase activity ($\mu\text{g NO}_2 \cdot \text{g}^{-1} \cdot \text{hr}^{-1}$) in black gram at different growth stages

Treatments	30 DAS	45 DAS	60 DAS	Harvest stage
T ₁	14.4	19.4	28.1	9.8
T ₂	16.2	22.8	41.7	11.9
T ₃	18.3	28.6	49.8	10.6
T ₄	19.9	34.6	52.8	17.3
T ₅	16.7	22.9	42.8	10.7
T ₆	17.6	26.4	46.5	10.8
T ₇	21.2	36.3	56.2	18.3
T ₈	15.8	22.4	38.4	15.4
T ₉	15.1	21.0	30.4	11.6
Mean	17.21	26.09	43.58	12.91
SEd	0.72	1.10	1.82	0.54
CD (0.05)	1.54	2.34	3.87	1.15

Note: T₁: Control; T₂: N 25 kg/ha + Urea 2% + NAA 40 ppm; T₃: N 50 kg/ha + CCC 200 ppm; T₄: N 25 kg/ha + Urea 2% + CCC 200 ppm; T₅: N 25 kg/ha + Urea 2% + Humic acid 0.1%; T₆: N 25 k/ha + Urea 2% + Salicylic acid 100 ppm; T₇: N 25 kg/ha + Urea 2% + Brassinosteriod 0.1 ppm; T₈: N 25 kg/ha + Urea 2% + ZnSO₄ 0.5% + FeSO₄ 0.5% + Borax 0.2%; T₉: N 25 kg/ha + Water spray