

APPENDICES

Appendix 1. Effect of interaction of arbuscular mycorrhizal fungi (AMF) and zinc fertilizer management on growth characters of hybrid maize Kohinoor 1820

Combination	Plant height (cm)	No. of leaves plant ⁻¹	Cob length (cm)
AMF0 × NoZinc	175.26 ± 9.3 b	11.07 ± 0.22	16.07 ± 0.73
AMF0 × Basal100	172.37 ± 3.8 b	11.75 ± 0.39	15.83 ± 1.34
AMF0 × Foliar100@EV	165.50 ± 8.04 c	10.68 ± 1.01	18.75 ± 2.49
AMF0 × Folar100@Rp	161.37 ± 14.8 d	12.11 ± 0.63	16.25 ± 1.84
AMF0 × Foliar@50EV+50Rp	162.31 ± 4.53 d	11.57 ± 0.2	18.35 ± 0.99
AMF1 × NoZinc	165.03 ± 3.42 c	11.25 ± 0.3	16.40 ± 1.07
AMF1 × Basal100	175.88 ± 4.89 b	12.78 ± 0.75	16.94 ± 1.85
AMF1 × Foliar100@EV	184.36 ± 11.6 a	12.21 ± 0.21	17.49 ± 2.17
AMF1 × Folar100@Rp	173.64 ± 6.1 b	11.47 ± 0.87	16.72 ± 1.72
AMF1 × Foliar@50EV+50Rp	164.10 ± 8.5 c	11.95 ± 0.91	19.94 ± 0.31
p-value	0.025	0.840	0.131

Values and mean ± standard deviation; values in a column with different letters differ significantly at P = 0.05; AMF0 = AMF non-inoculated, and AMF1 = AMF inoculated; NoZinc = no Zn fertilizer (control); Basal100 = 100% recommended dose (RD) of Zn added during final land preparation; Foliar100@EV = 100% RD of Zn was applied as foliar spray (0.1% ZnSO₄) during early vegetative (EV) stage; Folar100@Rp = 100% RD of Zn fertilizer was applied as foliar spray during early reproductive (Rp) stage; Foliar@50EV+50Rp = 100% RD of Zn was applied as foliar spray by equal split during EV and Rp stages.

Appendix 2. Effects of interaction of AMF inoculation and Zn management on grain yield of hybrid maize Kohinoor 1820. AMF0 and AMF1 denote AMF inoculated and AMF non-inoculated, respectively. NoZinc = no Zn fertilizer (control); Basal100 = 100% recommended dose (RD) of Zn added during final land preparation; Foliar100@EV = 100% RD of Zn was applied as foliar spray (0.1% ZnSO₄) during early vegetative (EV) stage; Foliar100@Rp = 100% RD of Zn fertilizer was applied as foliar spray during early reproductive (Rp) stage; Foliar@50EV+50Rp = 100% RD of Zn was applied as foliar spray by equal split during EV and Rp stages. Vertical bar represents mean \pm standard deviation; values of bars with different letters are significantly different at P=0.05

