

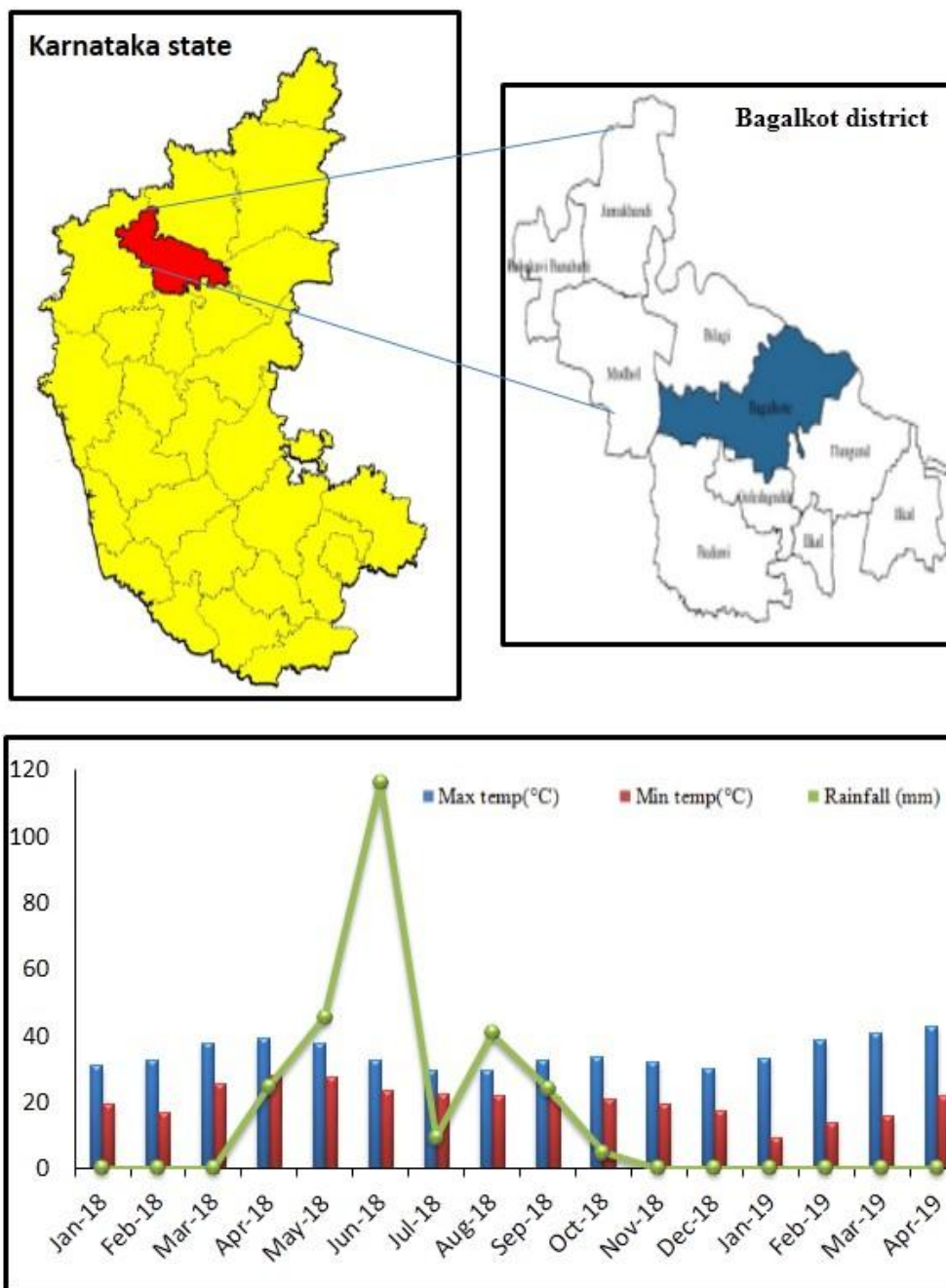


Figure 1: Depiction of the study area in Karnataka and weather data of the experimental site



Figure 2a : Aerial image of experimental site

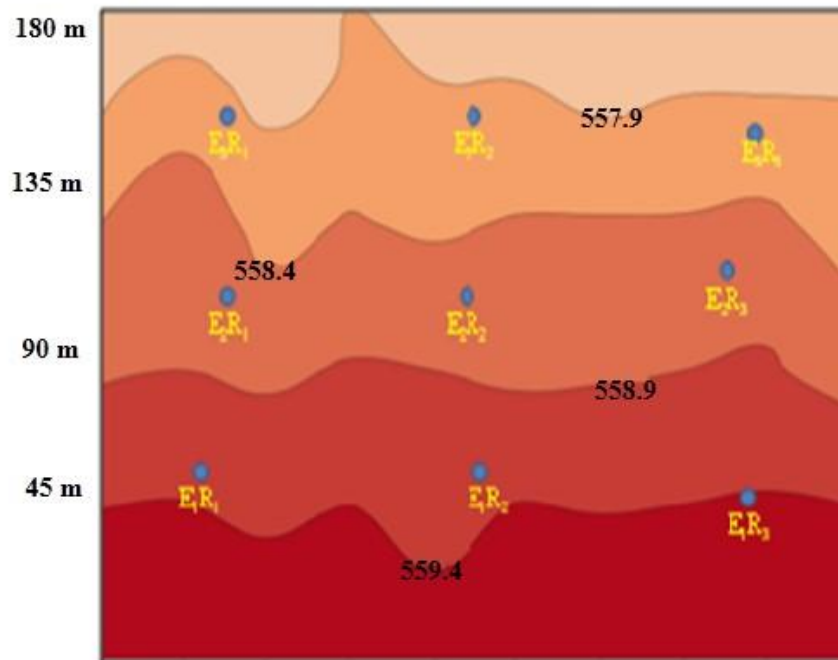


Figure 2b : Contour map of experimental site

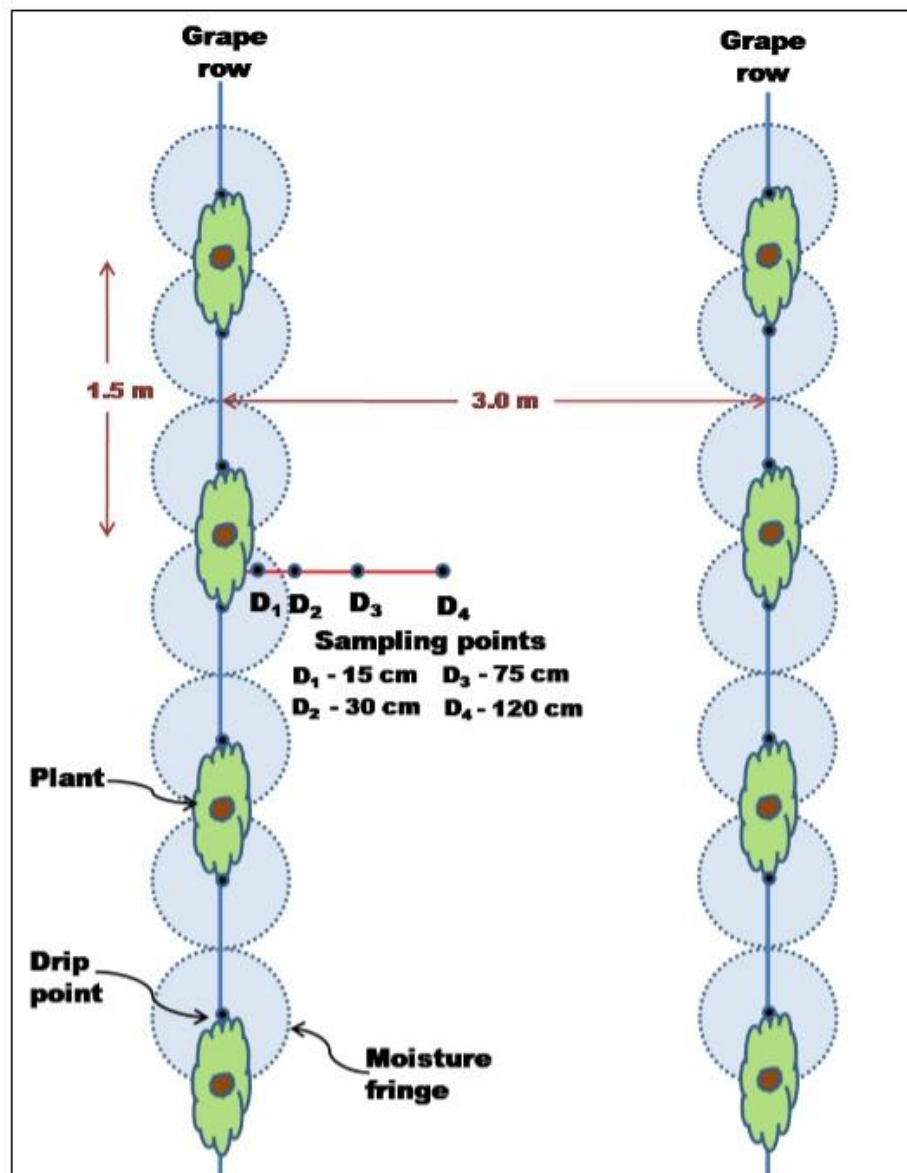


Figure 3: Pictorial representation of spatial distribution of grape plants, drip points, moisture fringe and soil sampling points

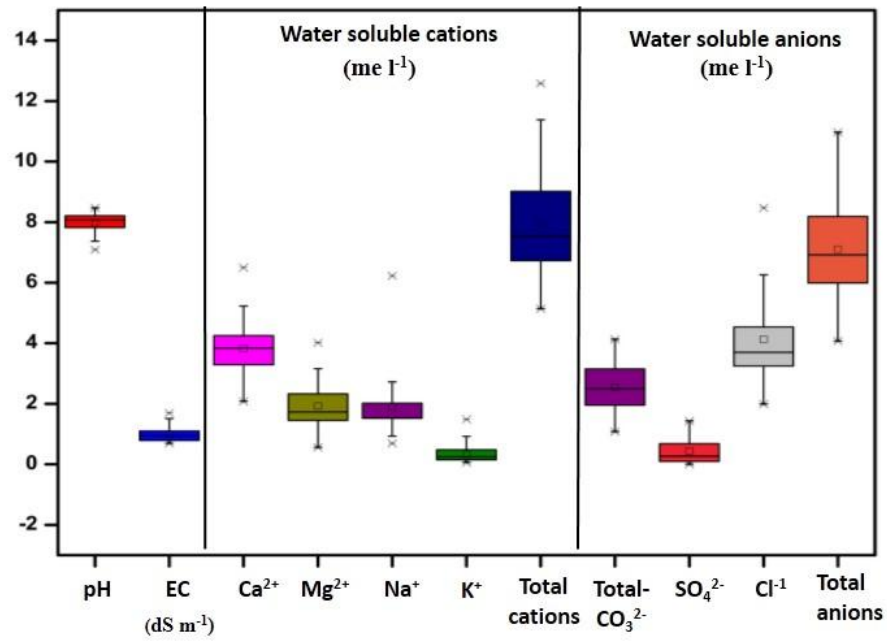


Figure 4: Soil salinity parameters of 69 vineyards surveyed in and around Bagalkot

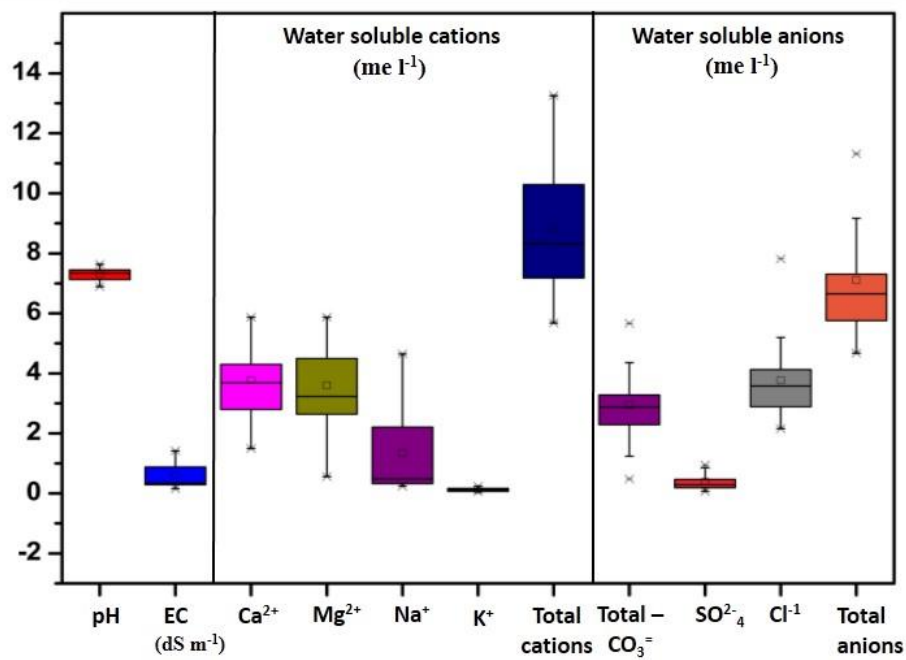


Figure 5: Salinity parameters of 20 groundwater samples surveyed in and around Bagalkot

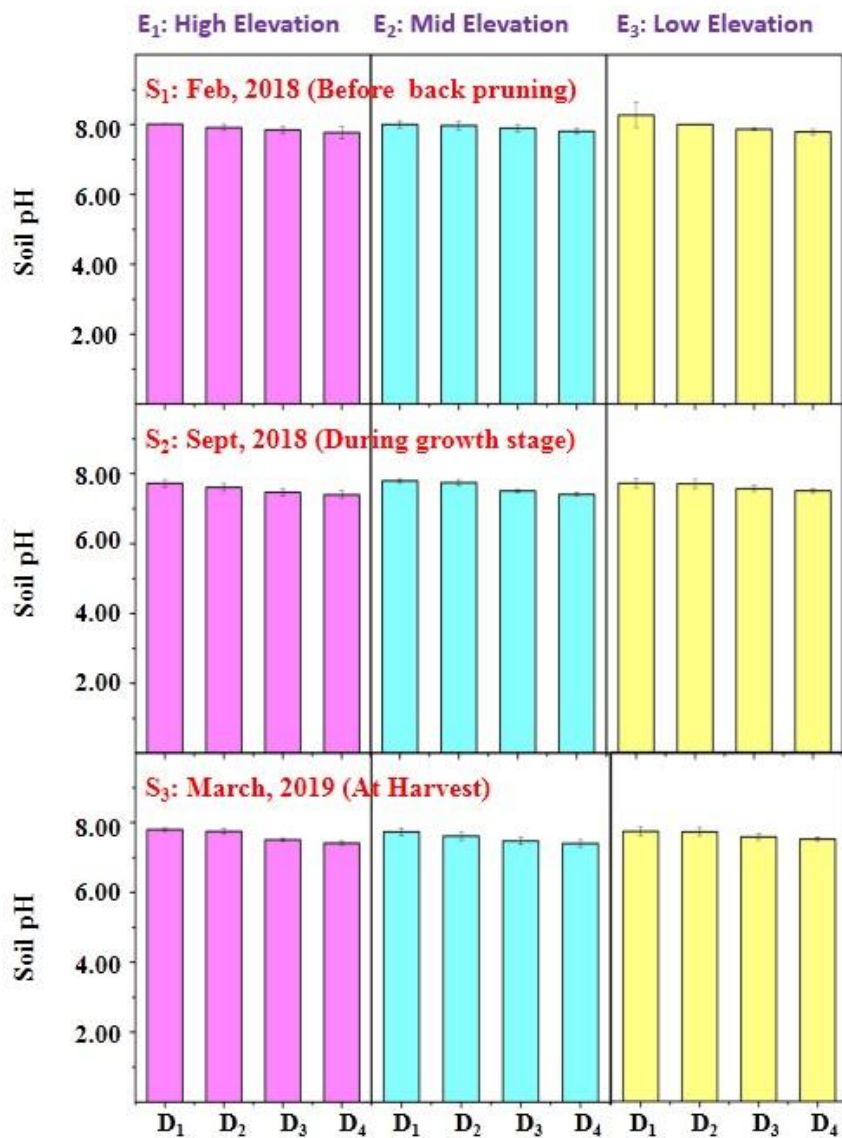
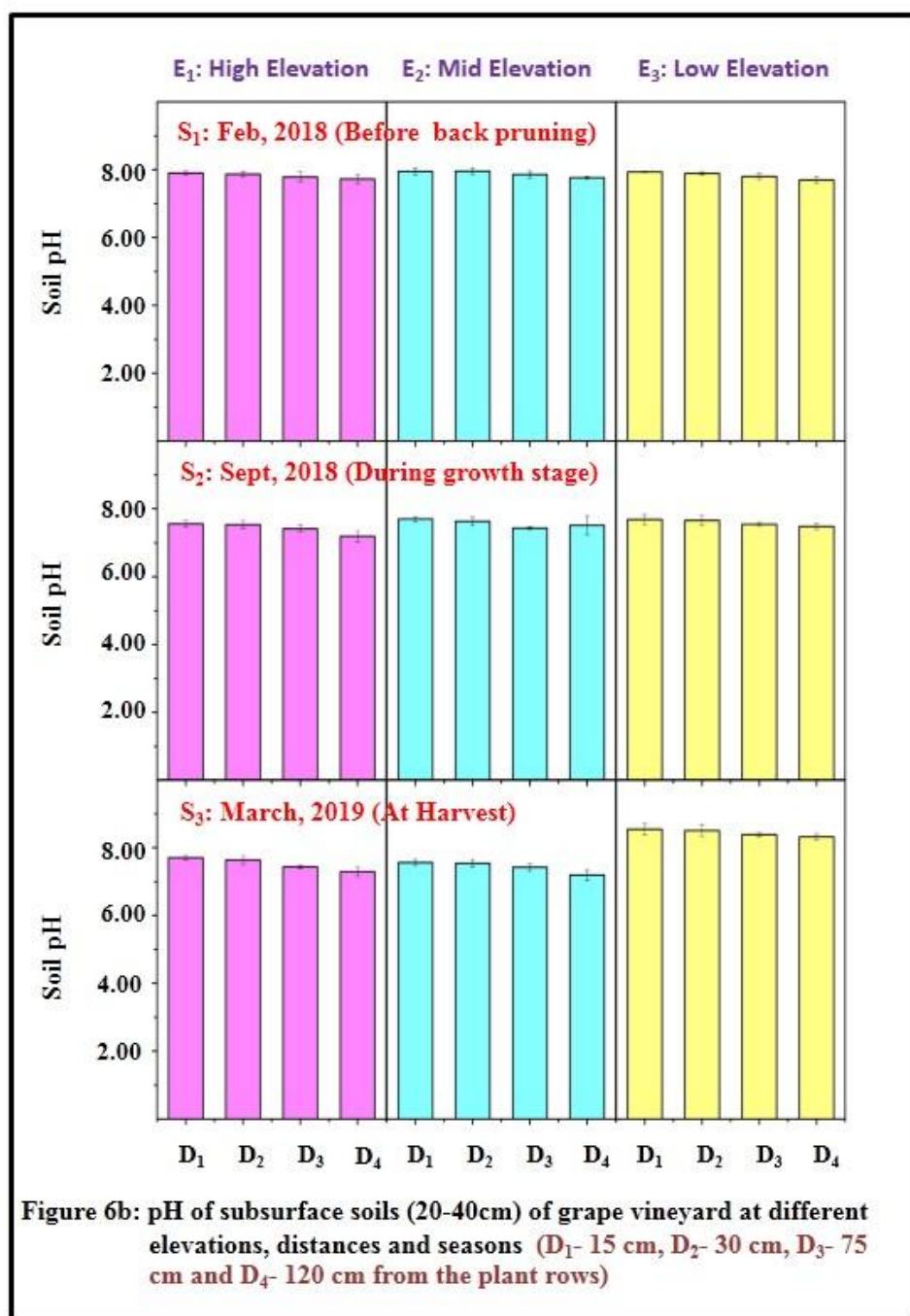
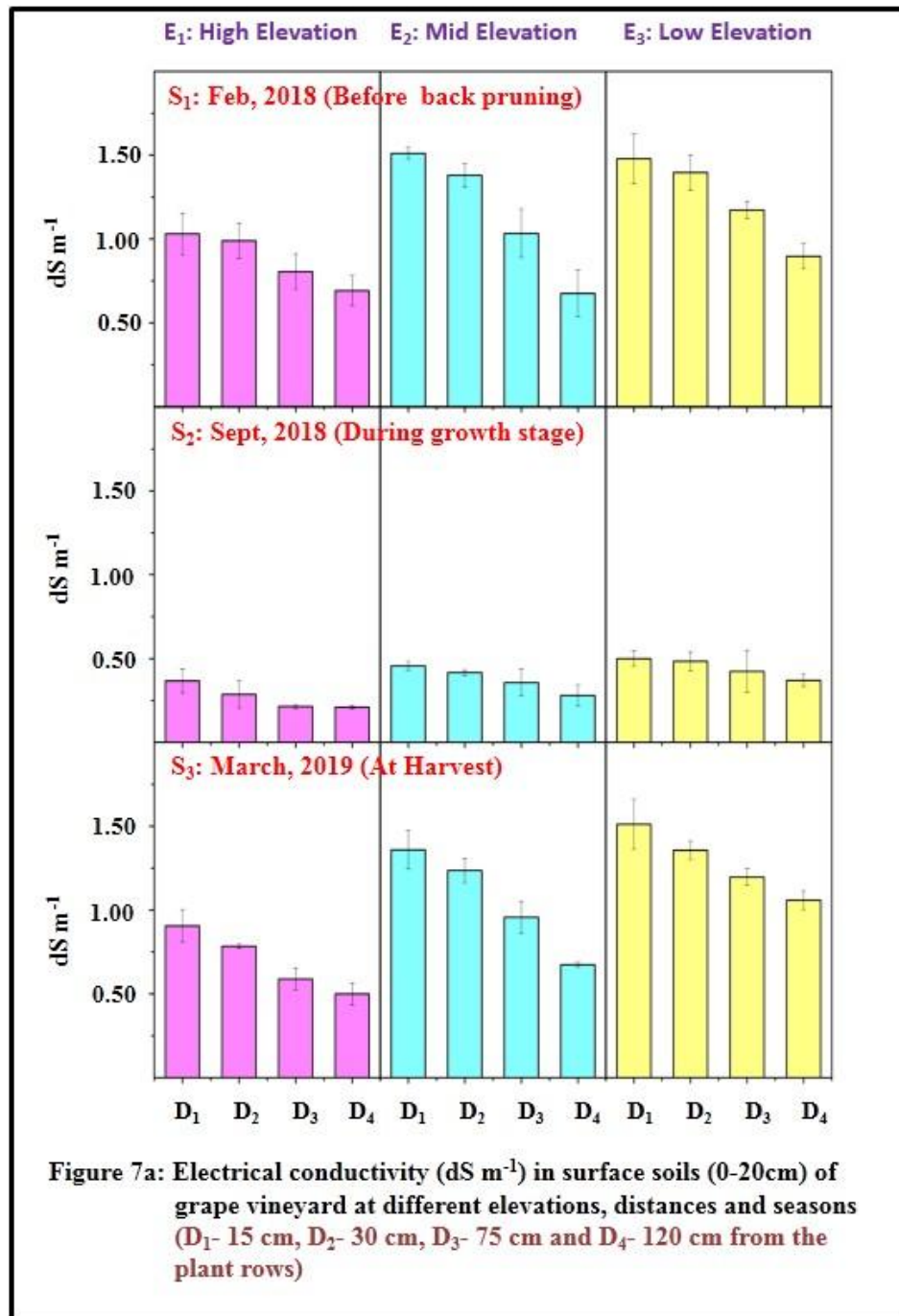
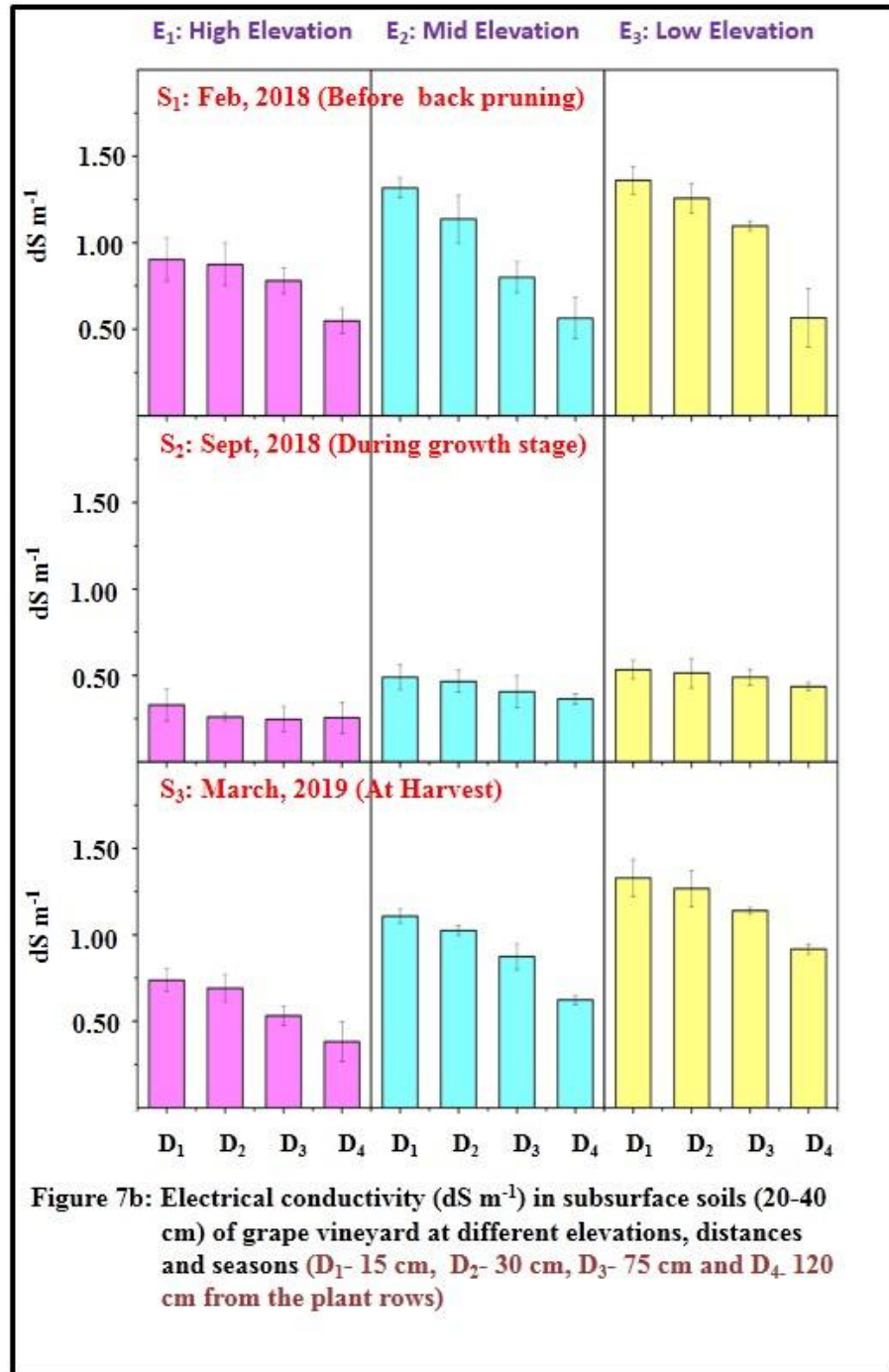
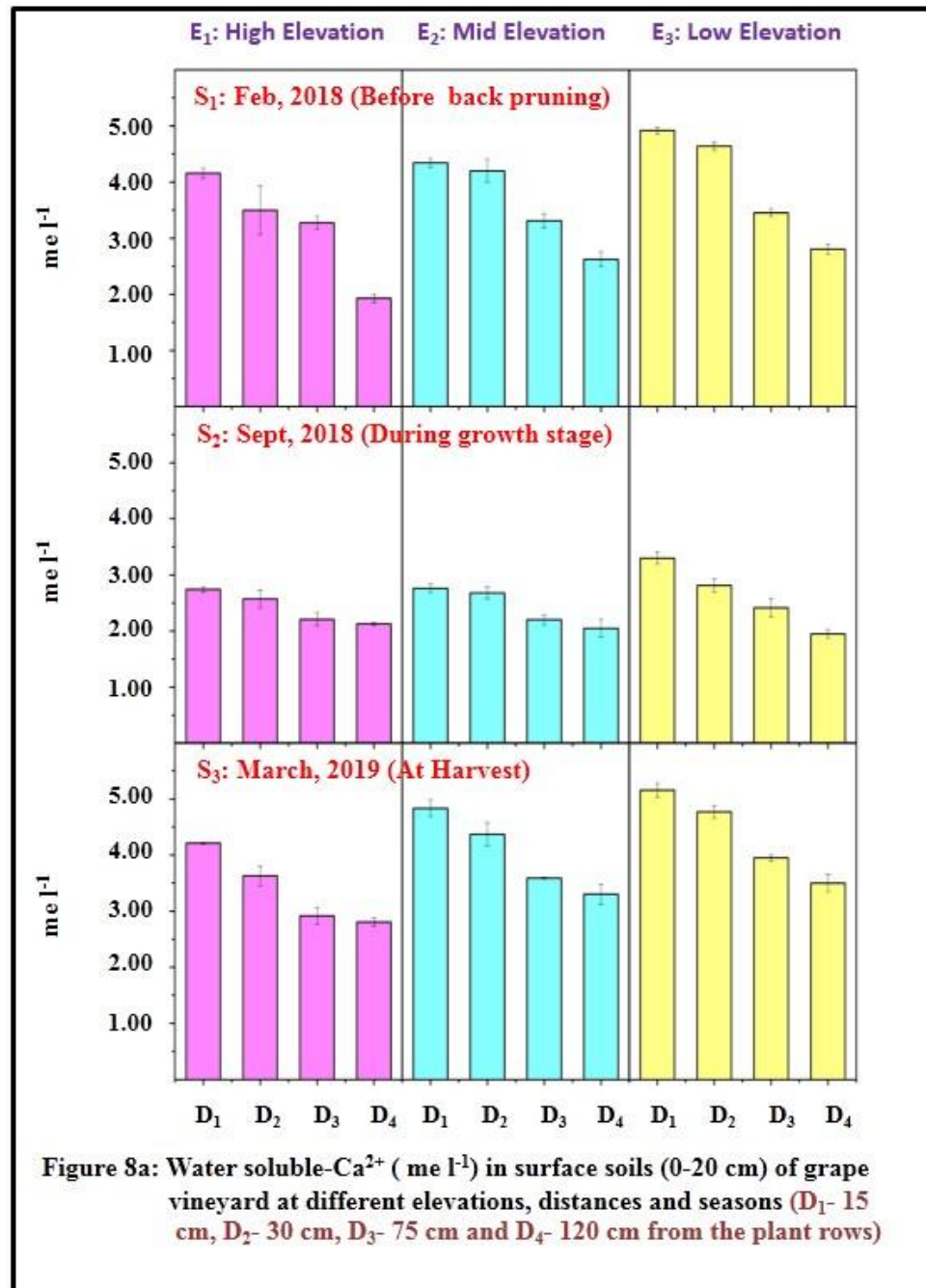


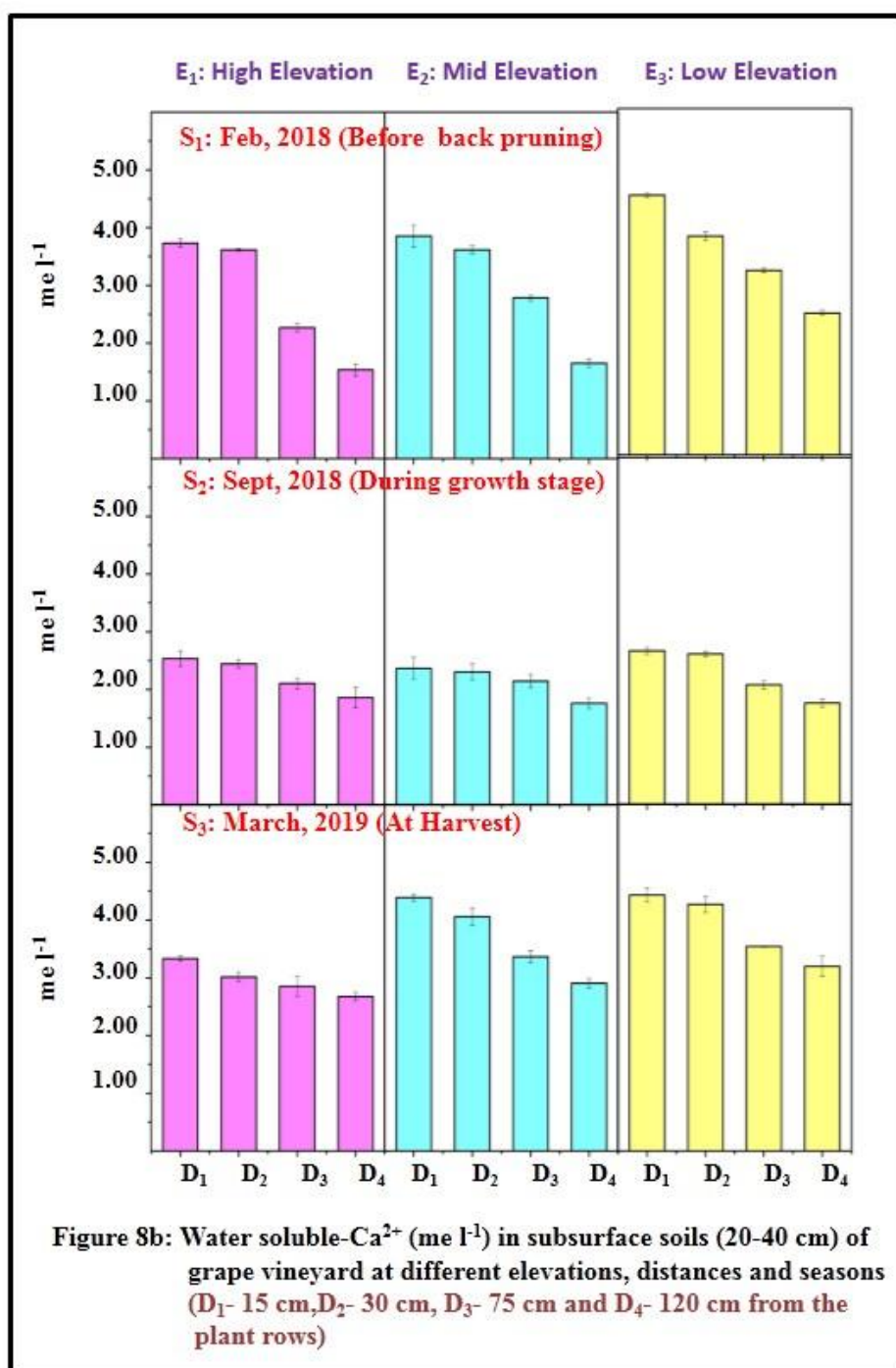
Figure 6a: pH of surface soils (0-20cm) of grape vineyard at different elevations, distances and seasons (D₁- 15 cm, D₂- 30 cm, D₃- 75 cm and D₄- 120 cm from the plant rows)

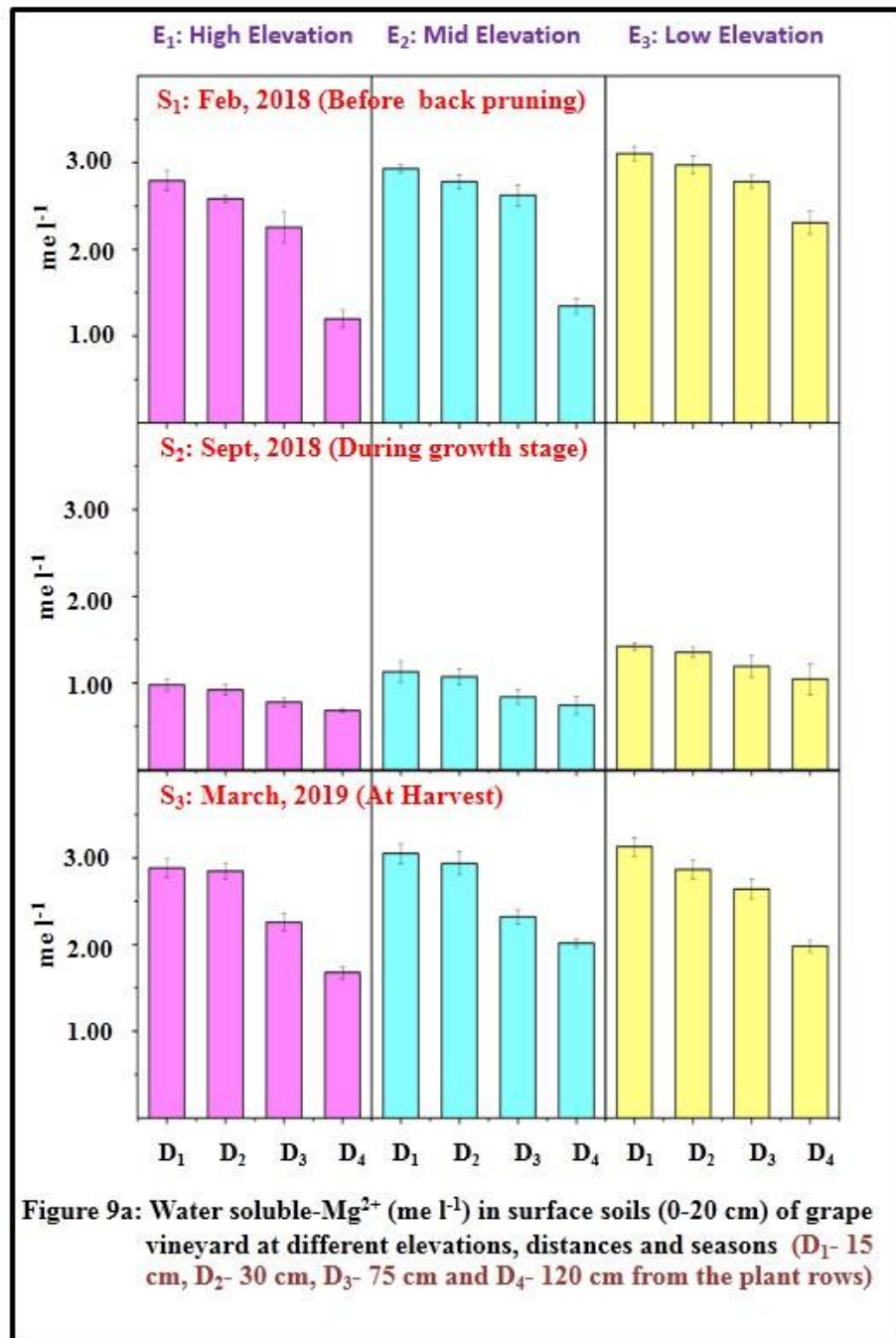


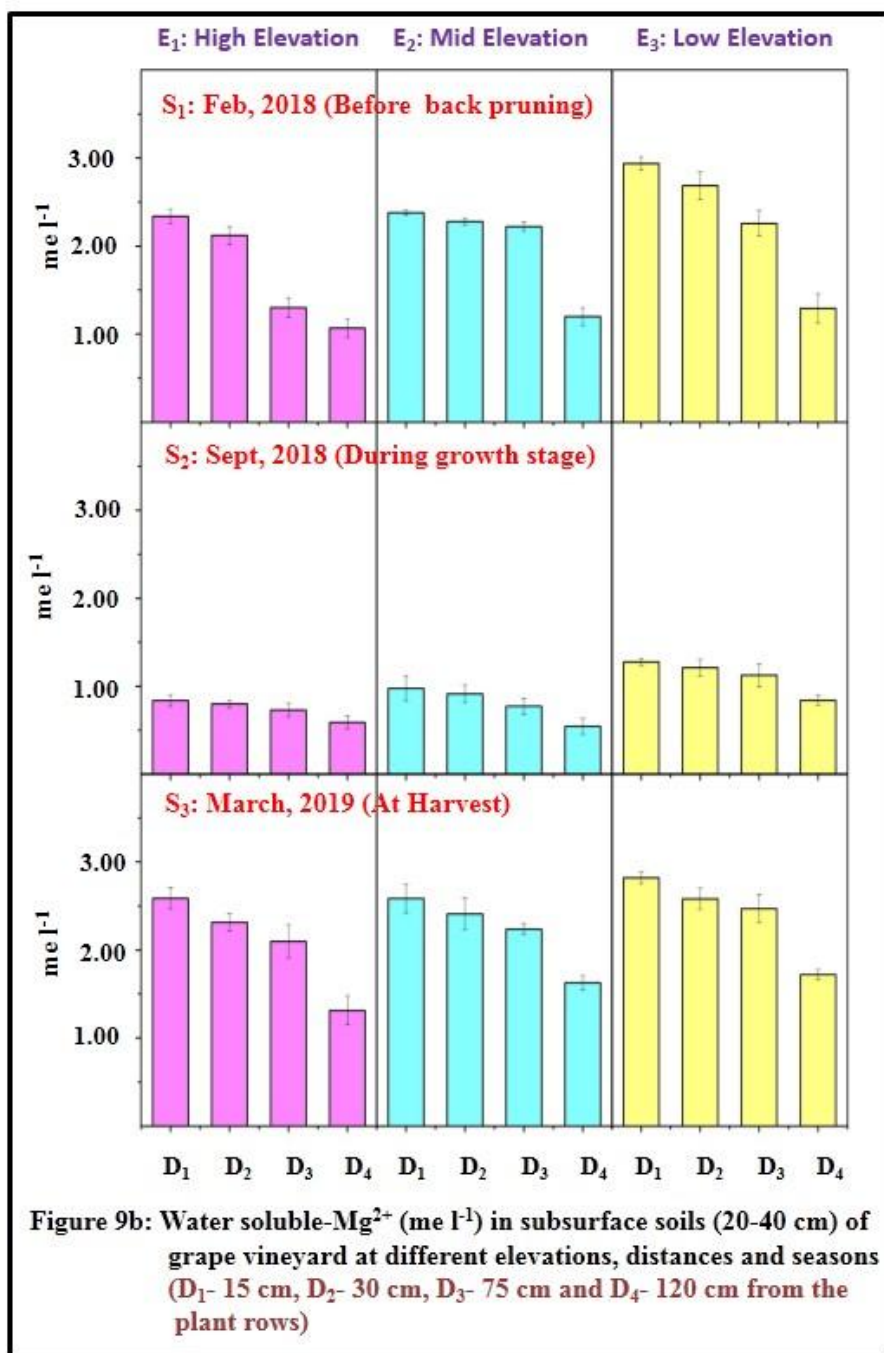


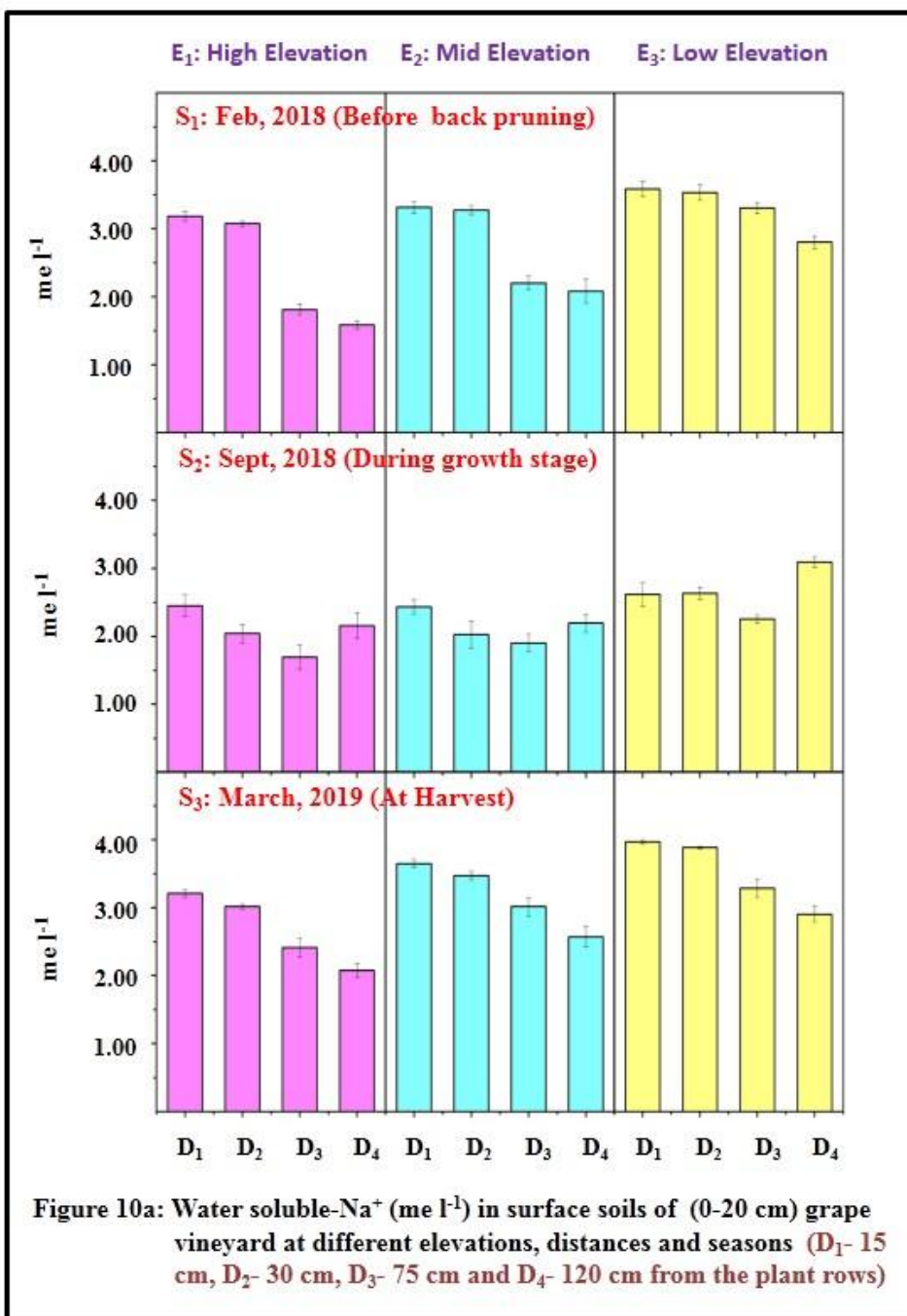


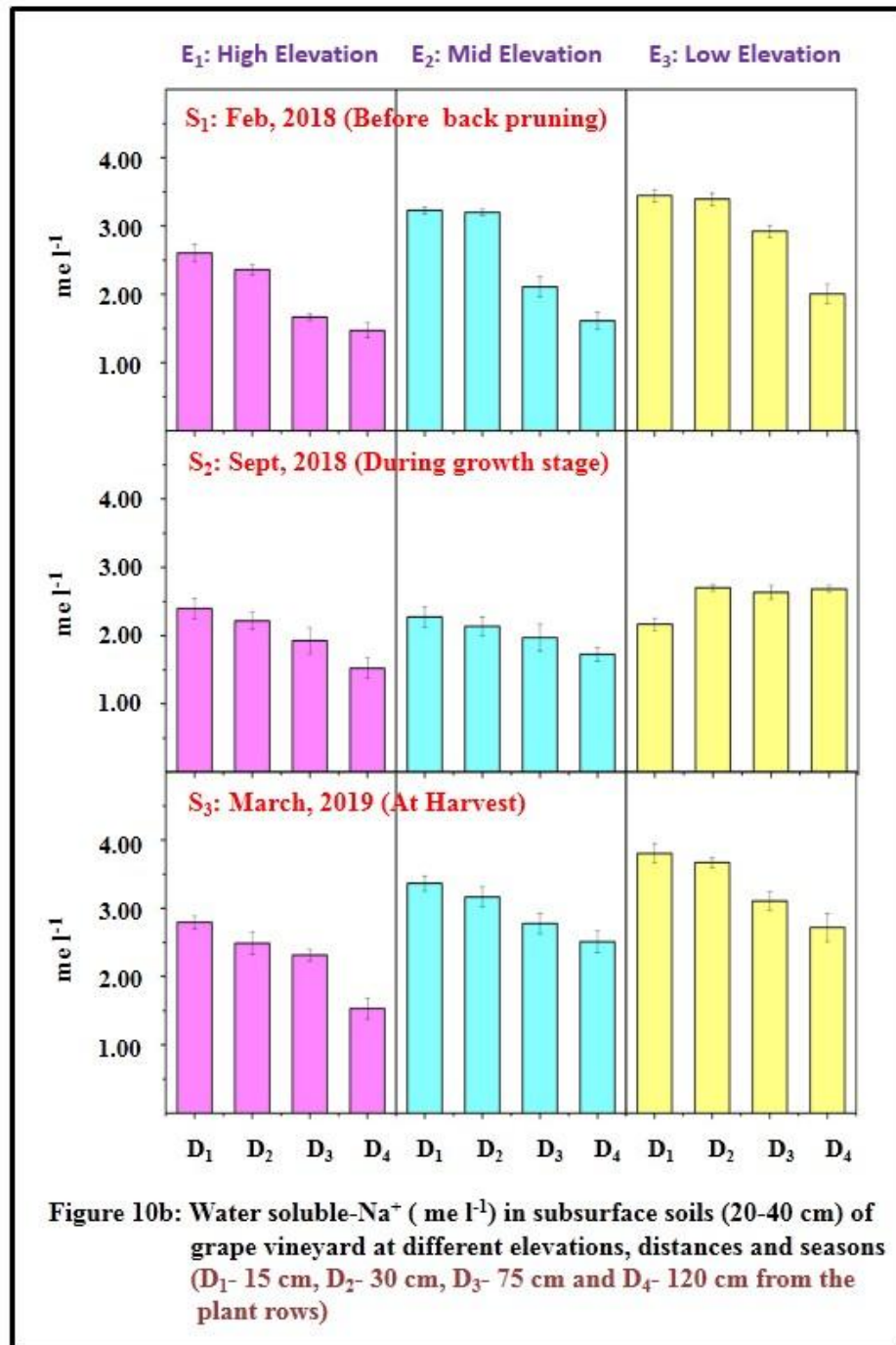


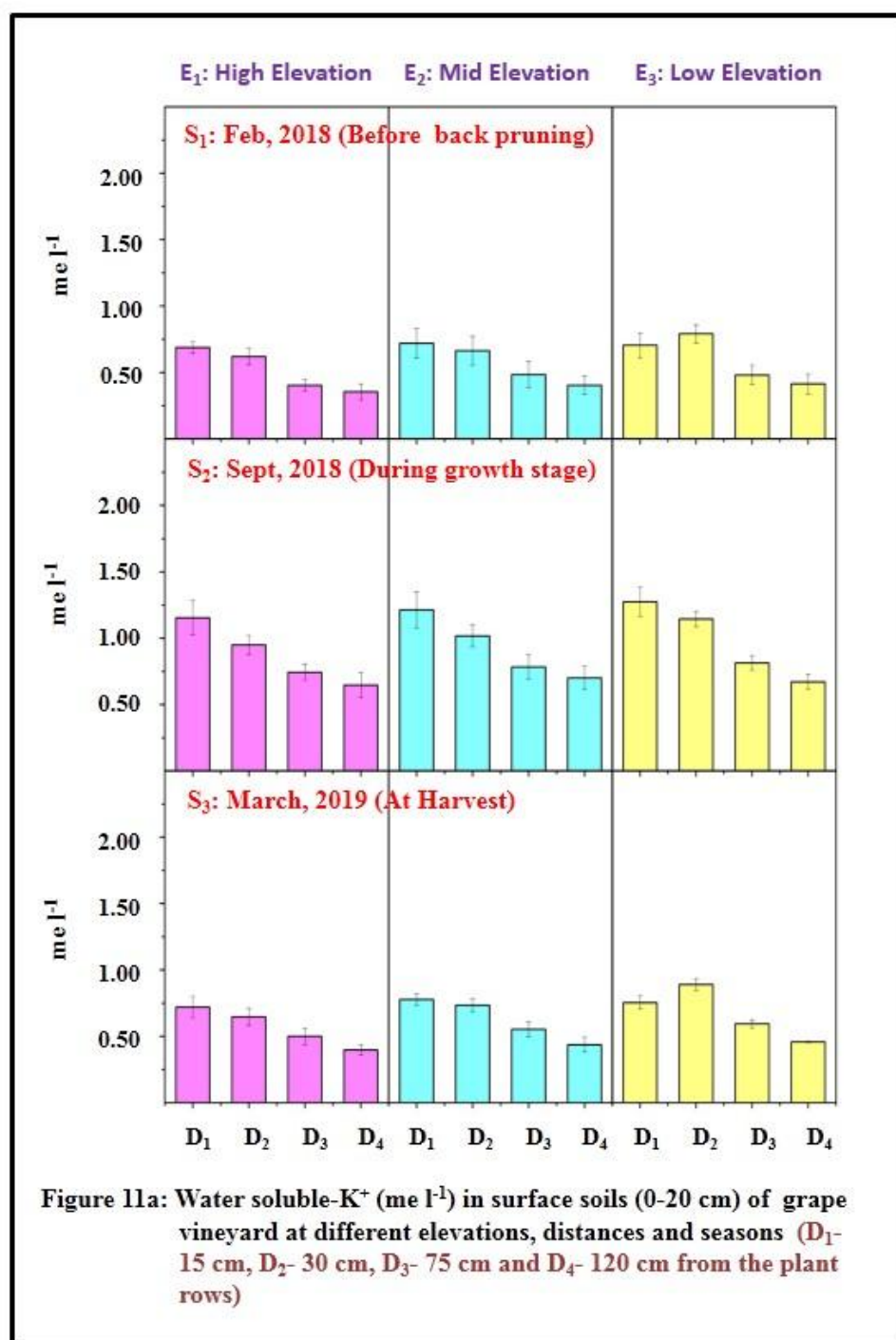


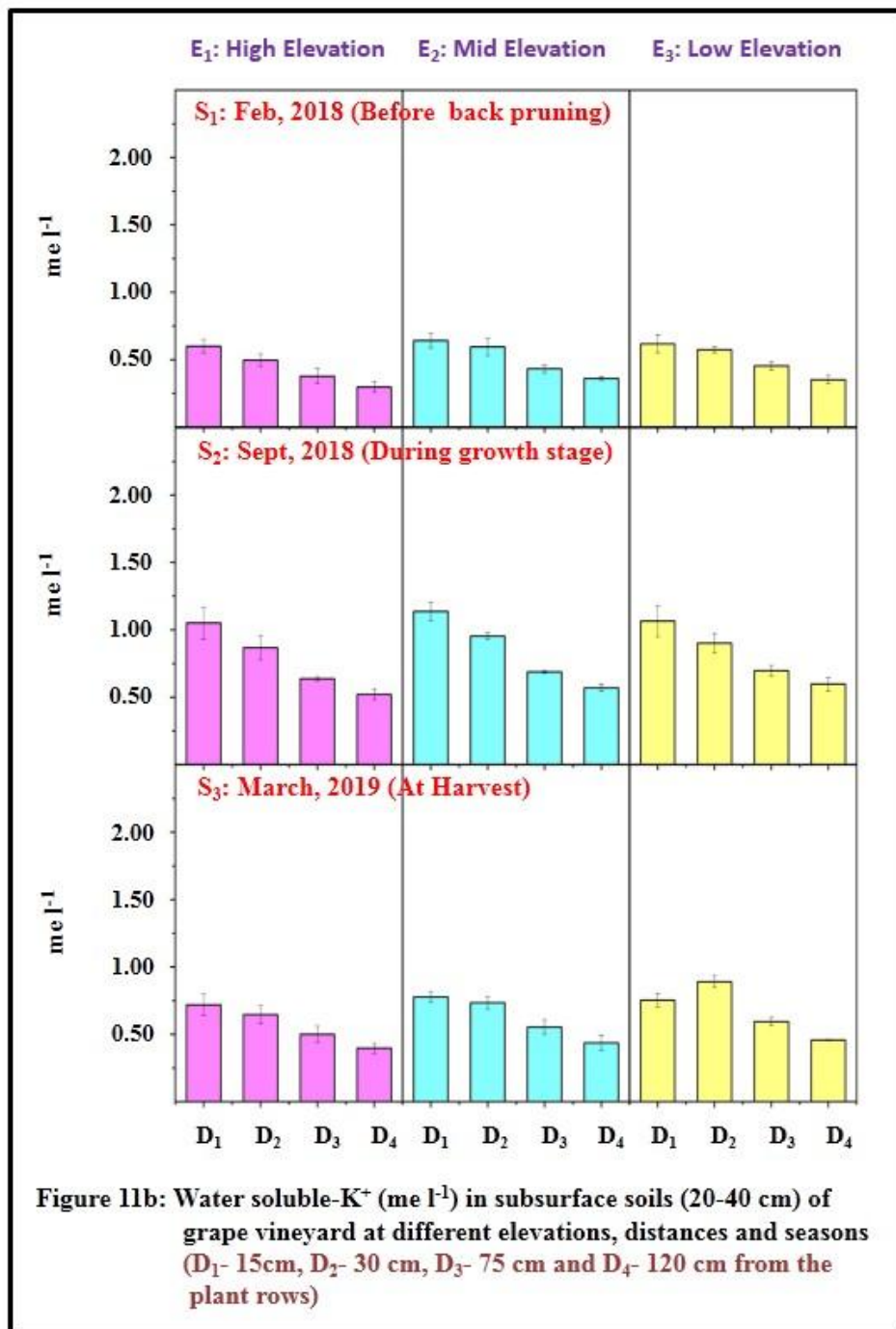


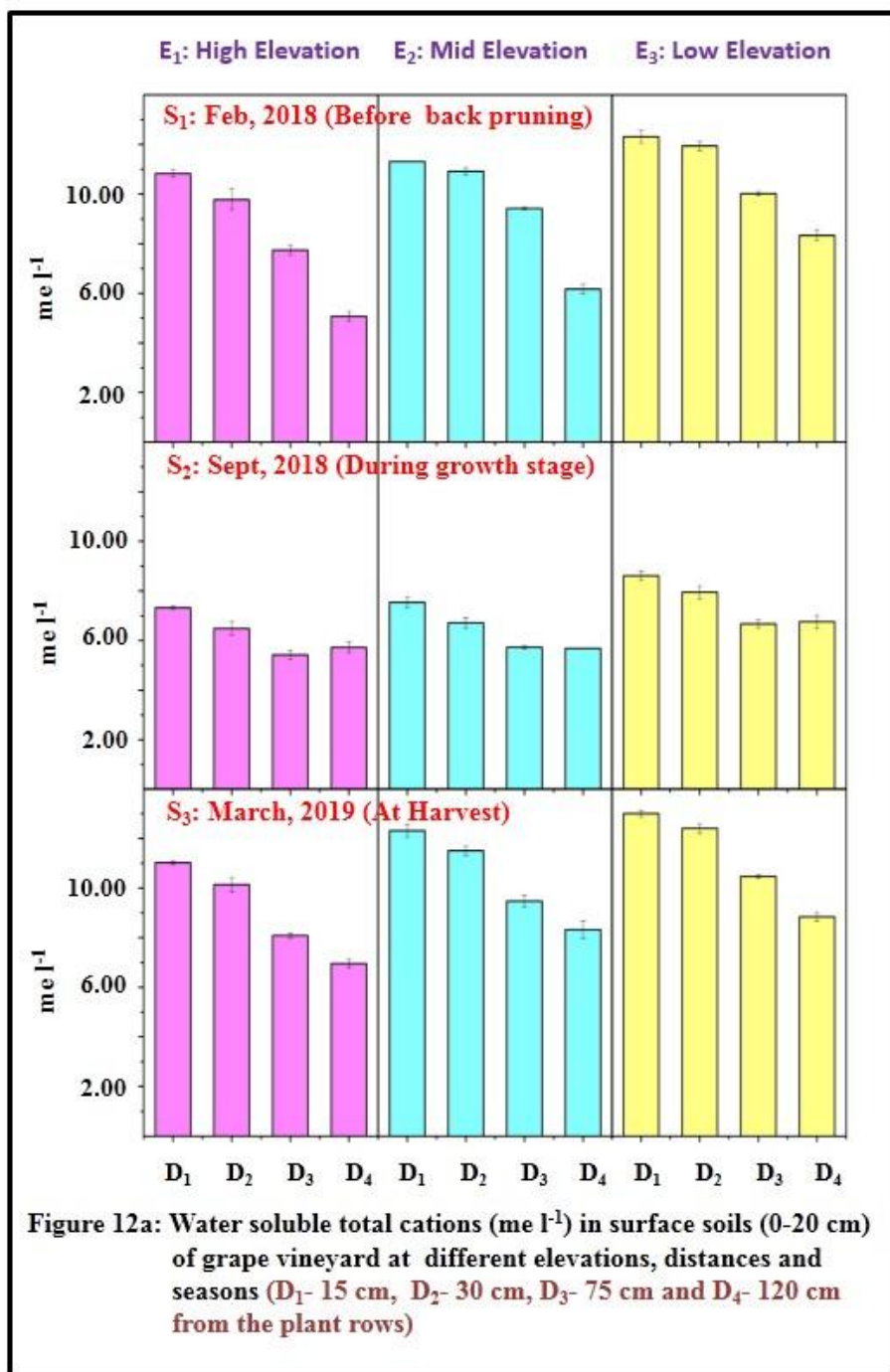


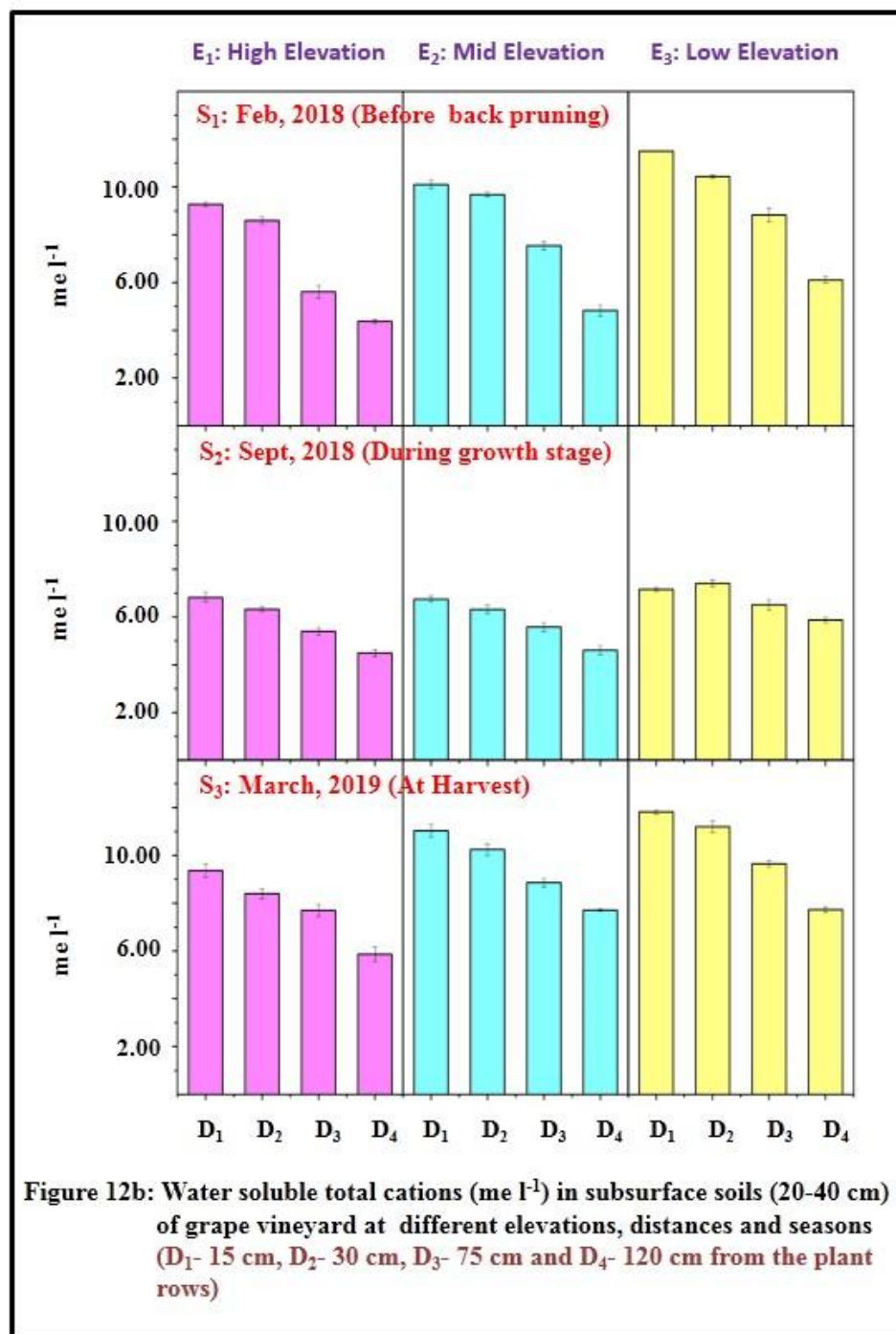


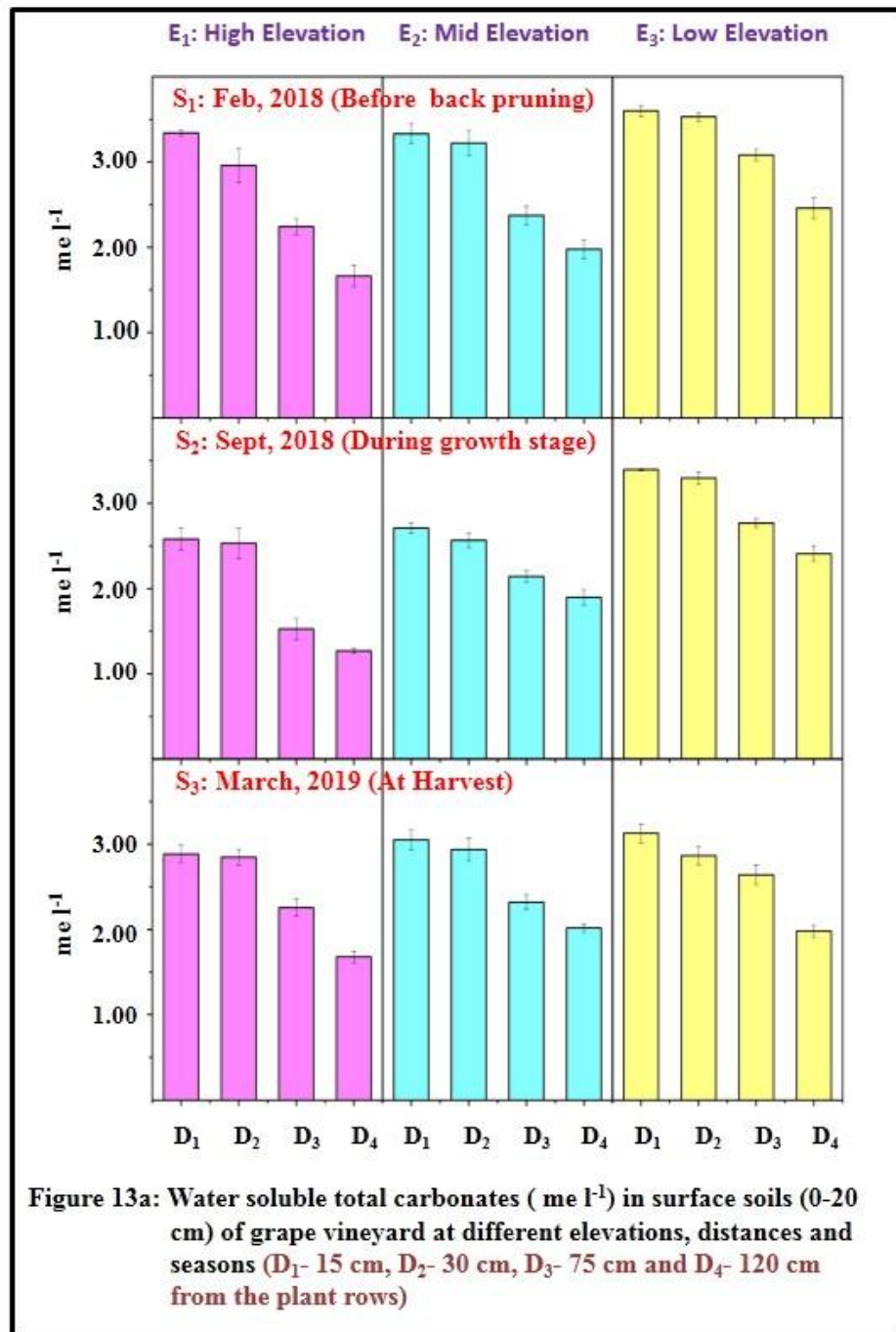


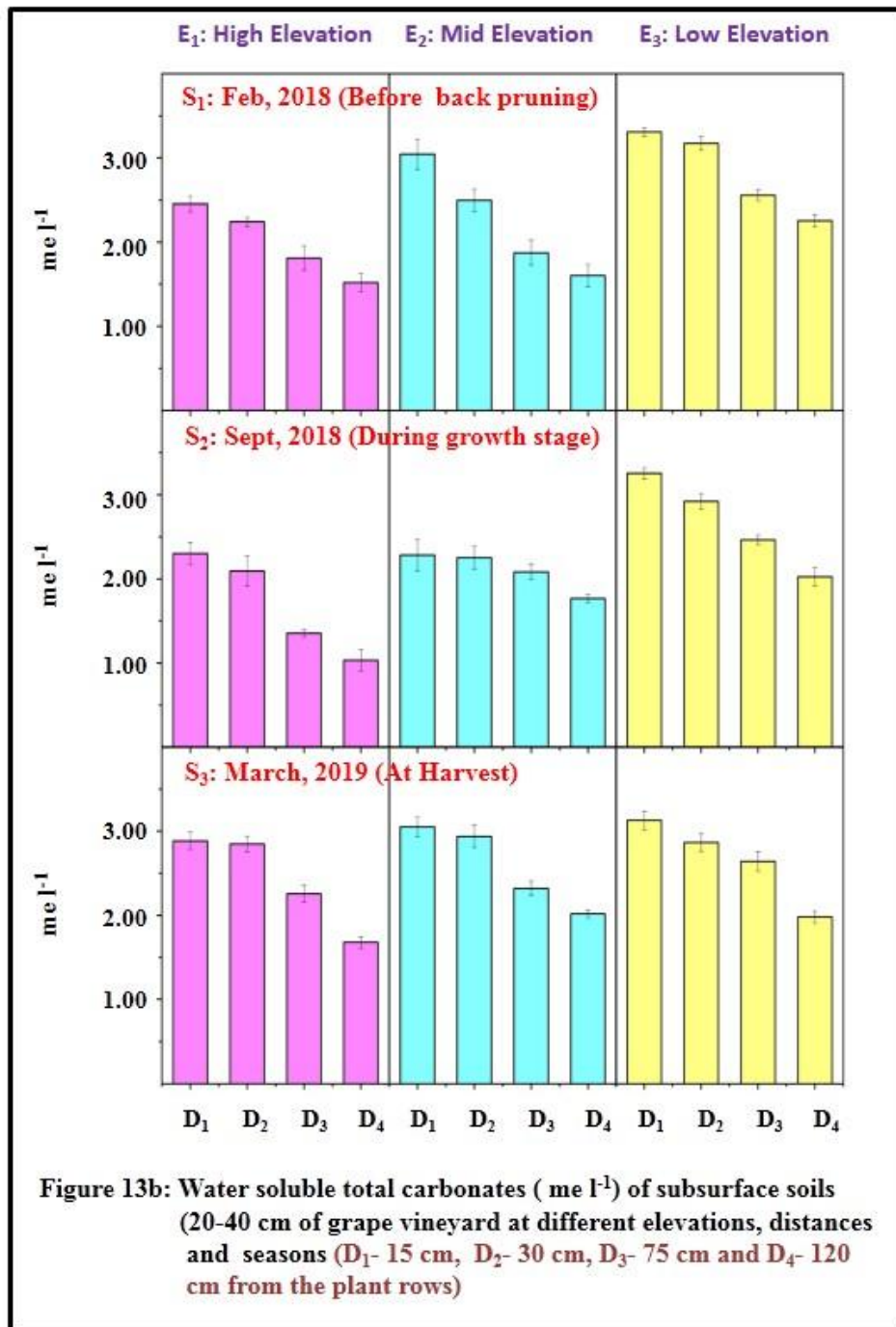


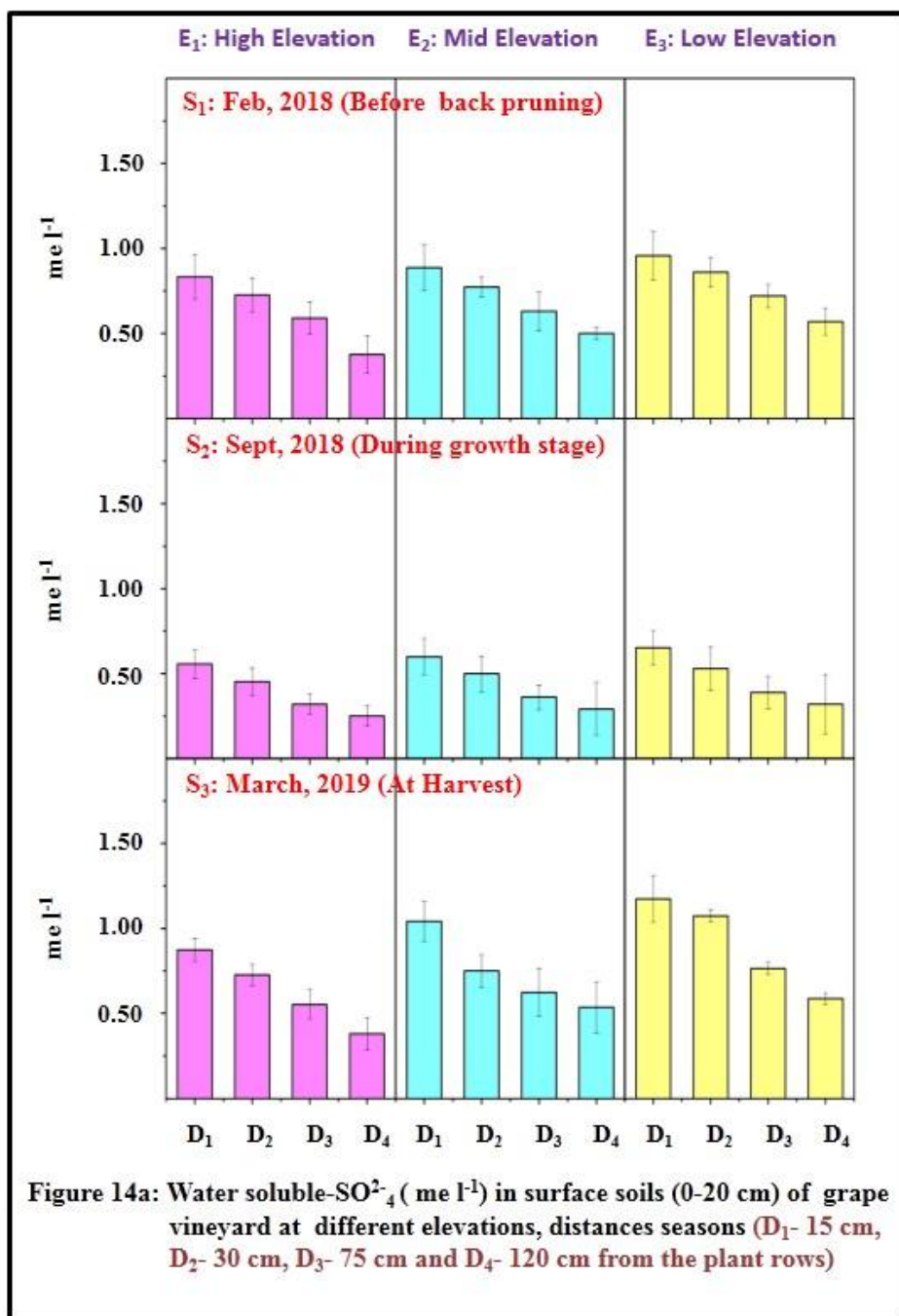


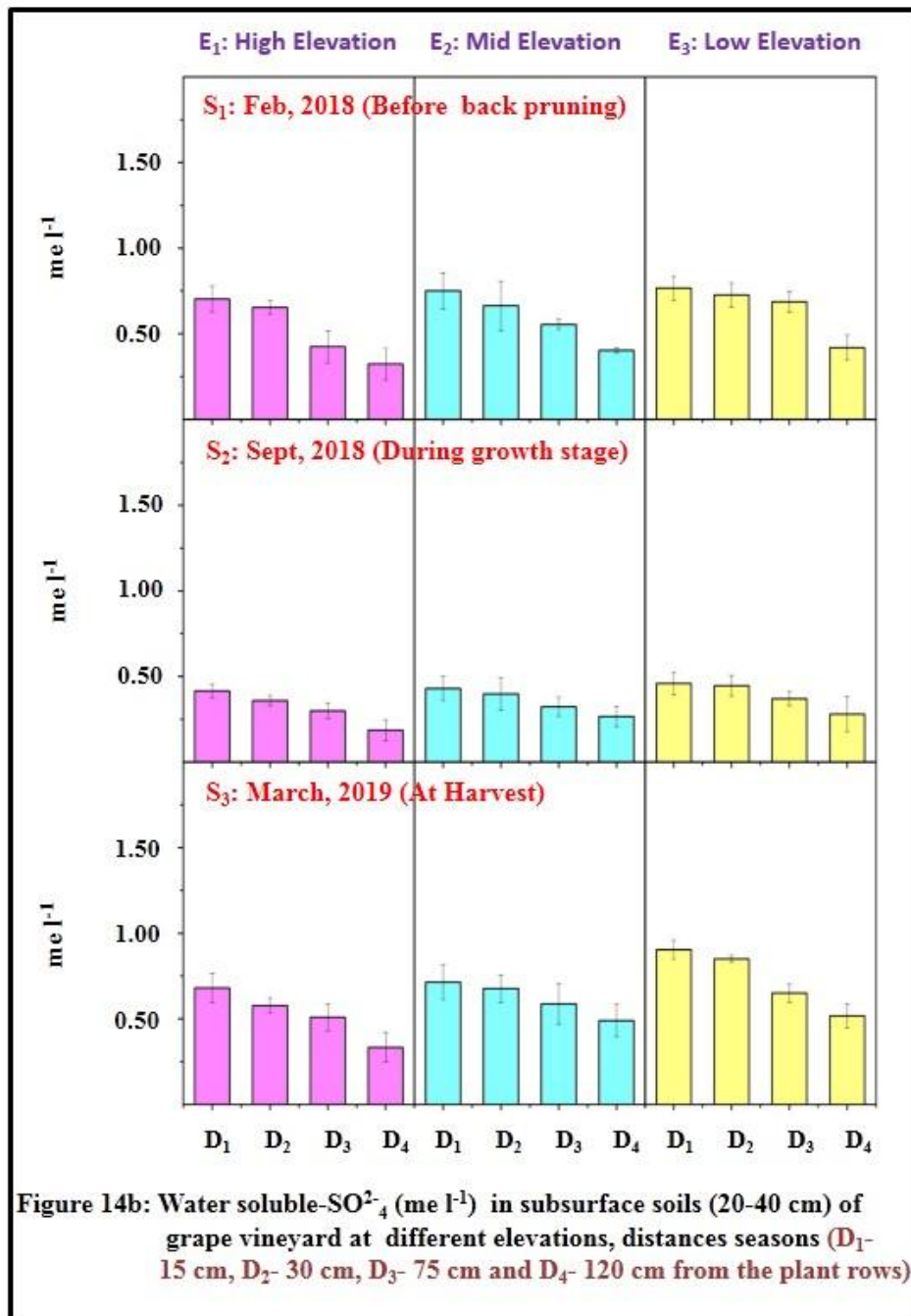


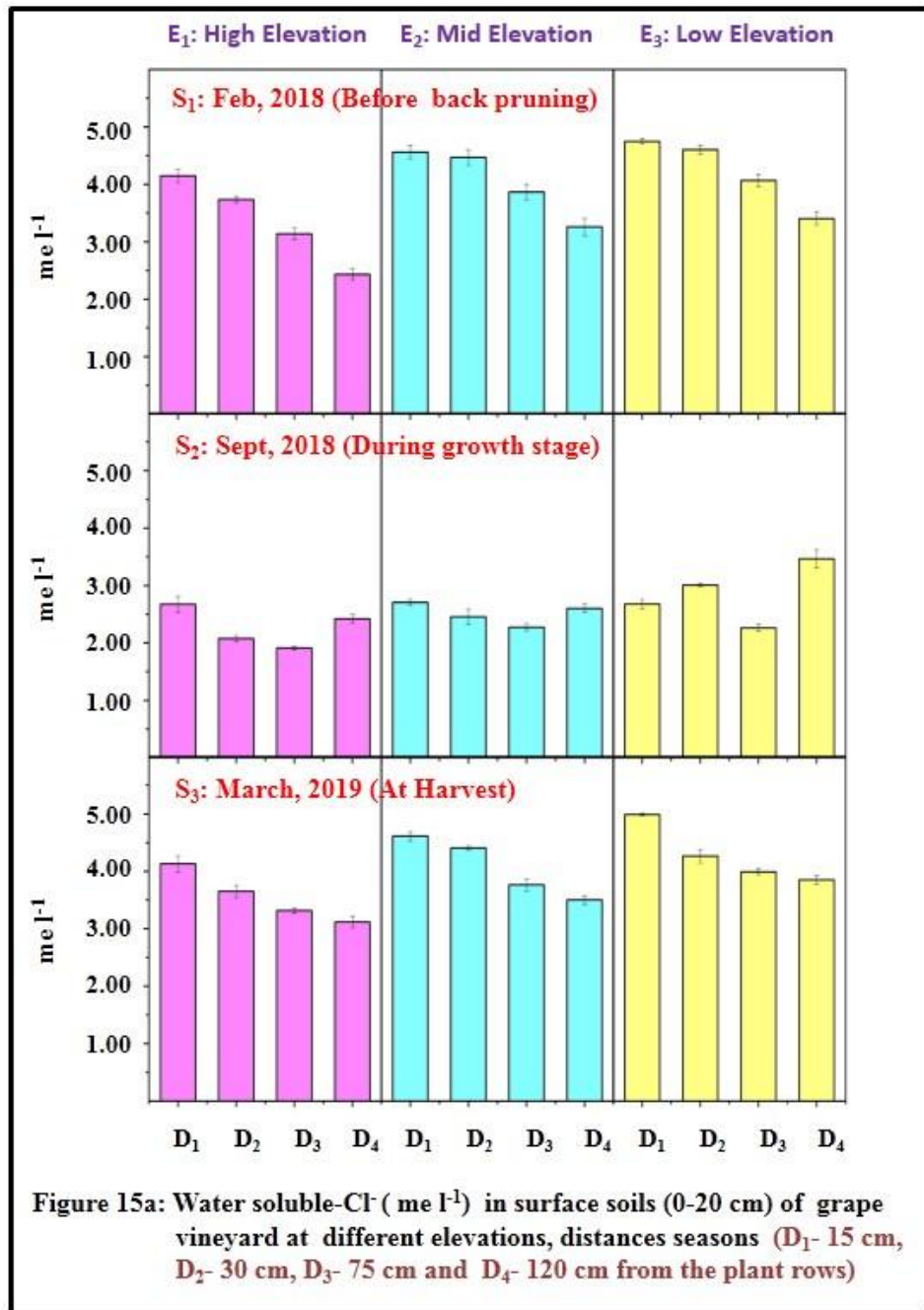


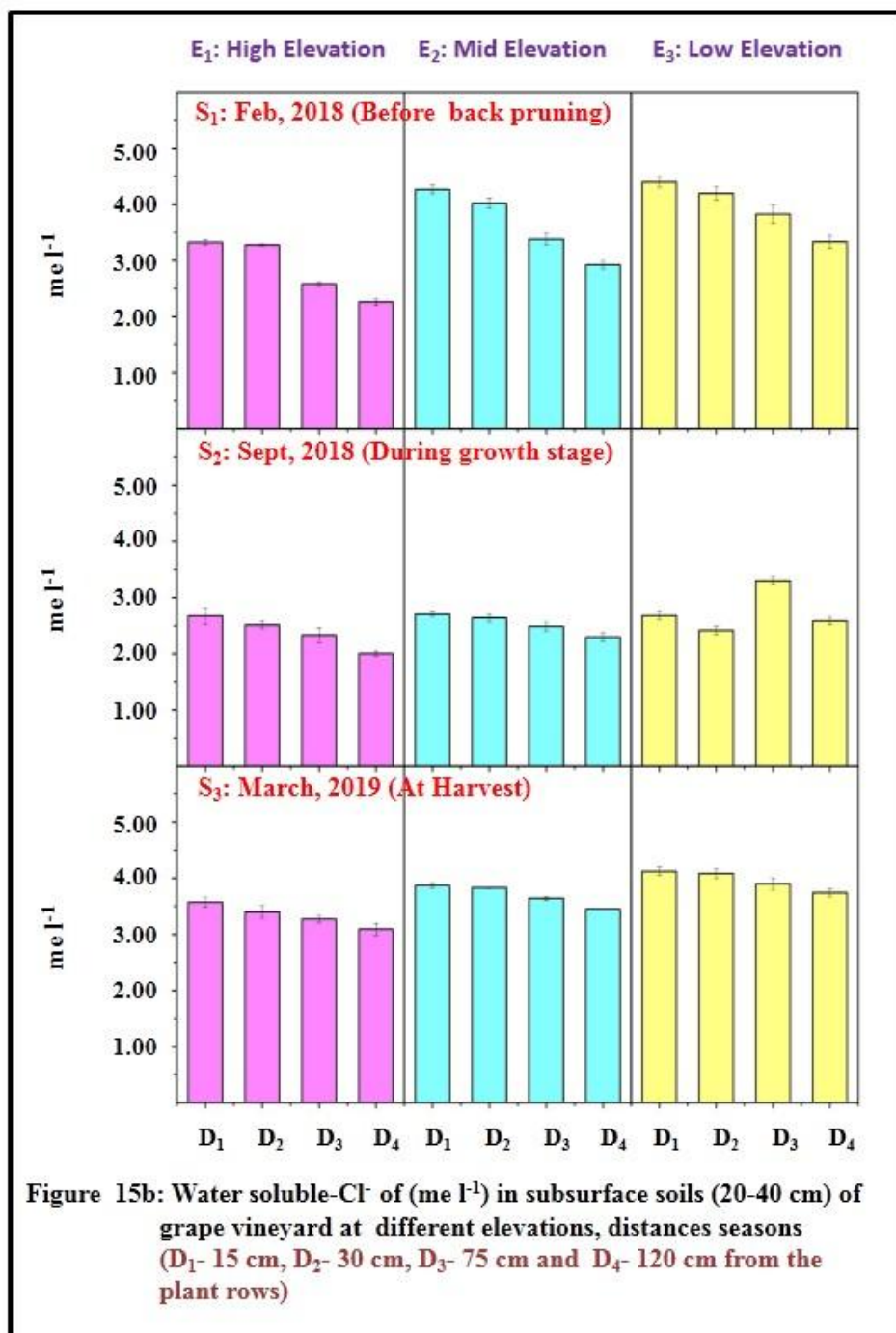


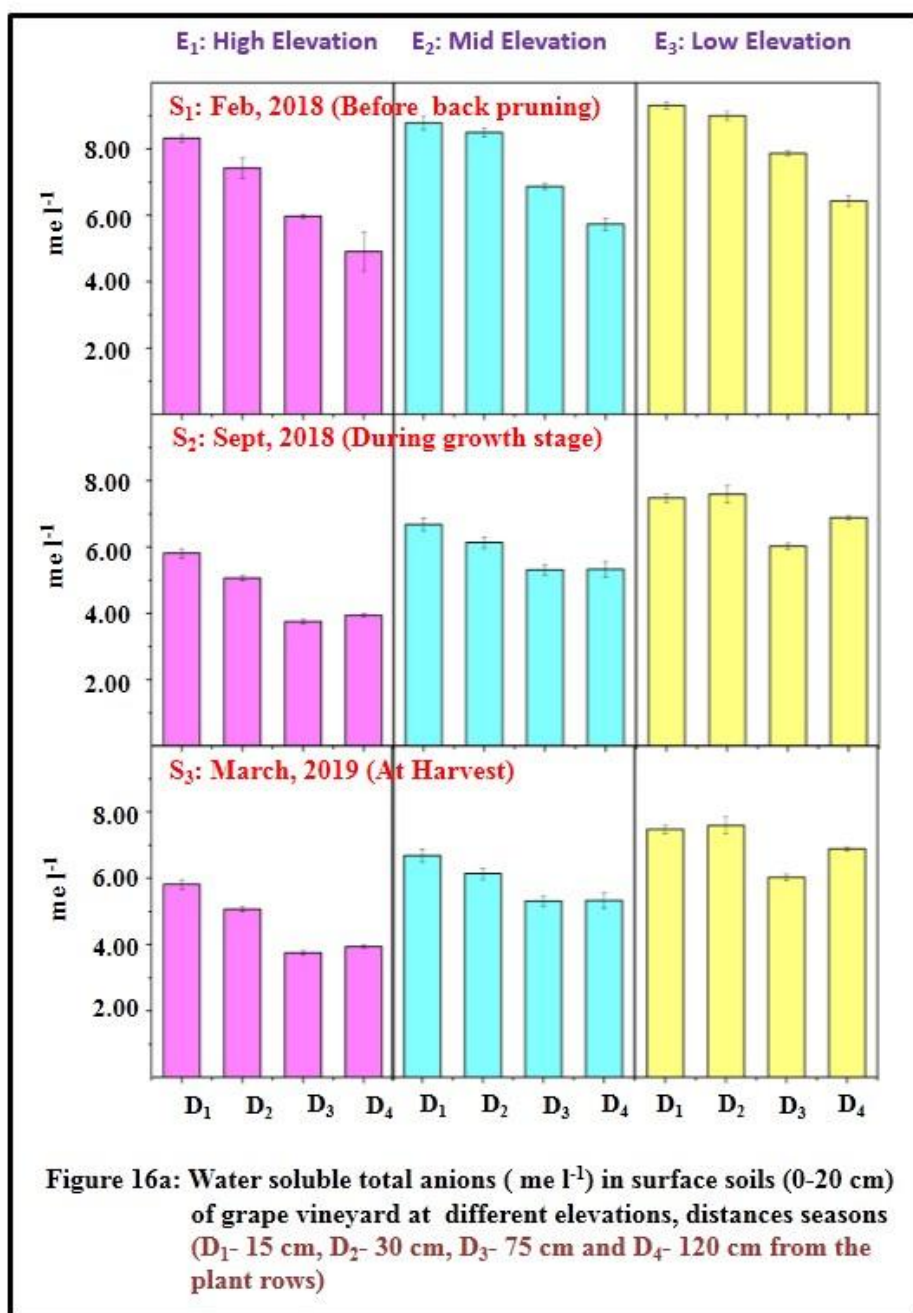












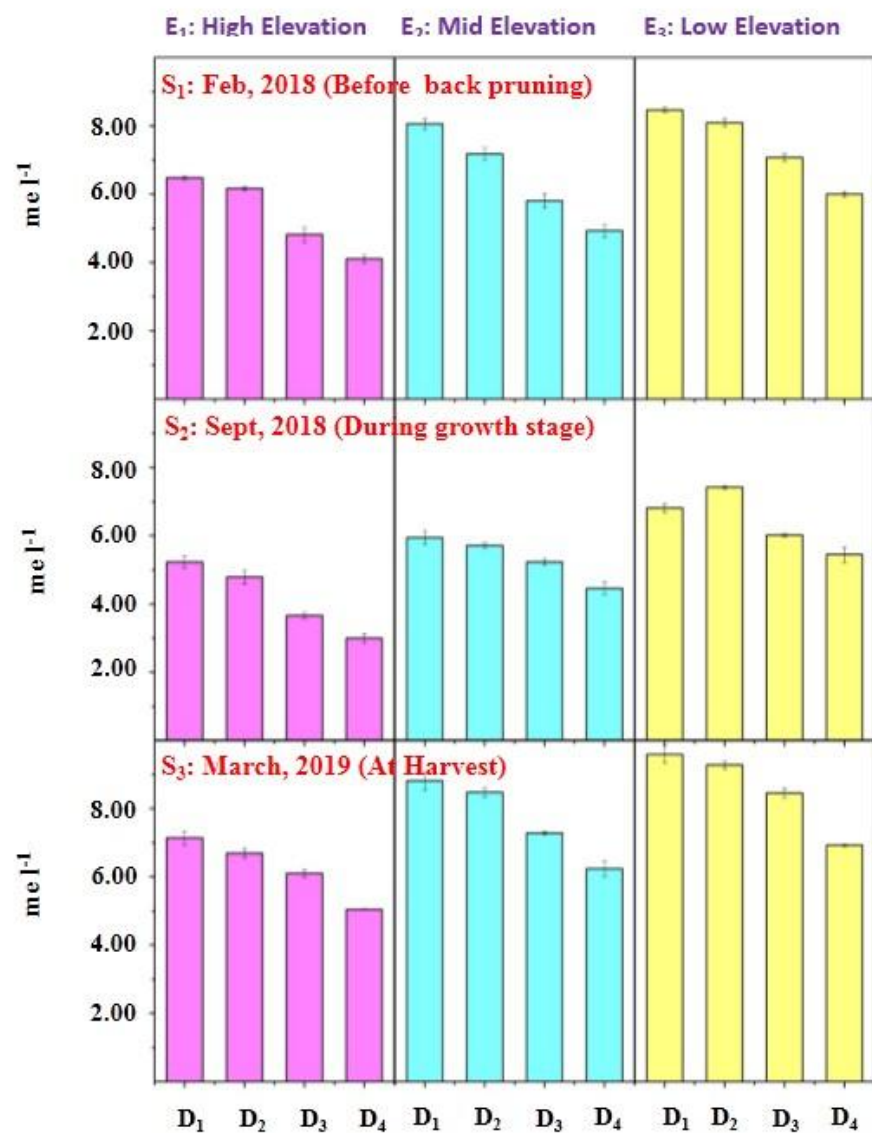


Figure 16b: Water soluble total anions (me l⁻¹) in subsurface soils (20-40 cm) of grape vineyard at different elevations, distances seasons (D₁- 15 cm, D₂- 30 cm, D₃- 75 cm and D₄- 120 cm from the plant rows)