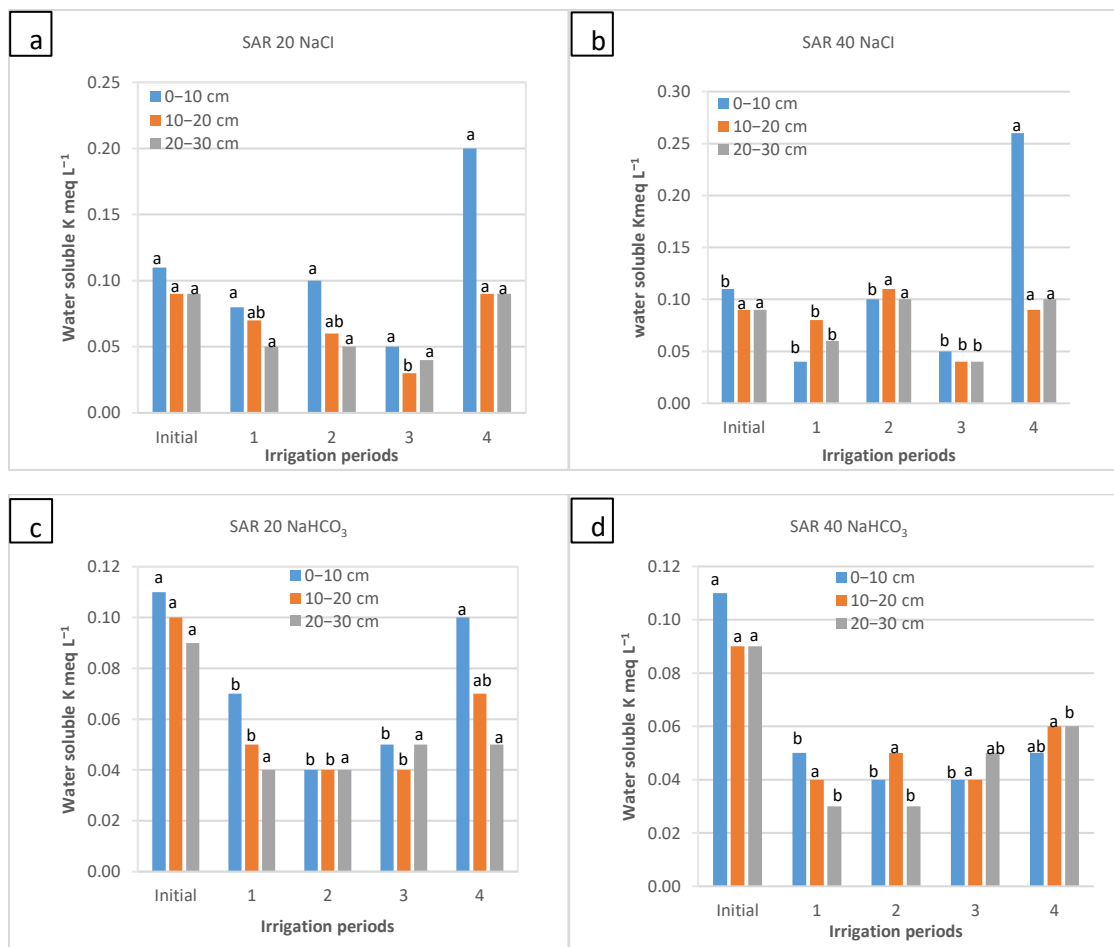


Supplementary Figure 1. Water-soluble Mg^{2+} of soil as a function of irrigation water applications during the irrigation periods (1, 2, and 4) and the rainy period (3) for four water qualities: (a) NaCl water: SAR 20; (b) NaCl water: SAR 40; (c) $NaHCO_3$ water: SAR 20; and (d) $NaHCO_3$ water: SAR 40. For each water quality, within each soil depth, the columns labeled with the same letter



Supplementary Figure 2. Water-soluble K⁺ of soil as a function of irrigation water applications during the irrigation periods (1, 2, and 4) and the rainy period (3) for four water qualities: (a) NaCl water: SAR 20; (b) NaCl water: SAR 40; (c) NaHCO₃ water: SAR 20; and (d) NaHCO₃ water: SAR 40. For each water quality, within each soil depth, the columns labeled with the same letter