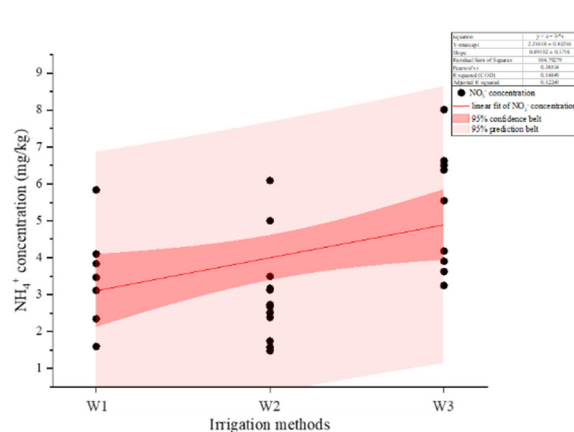
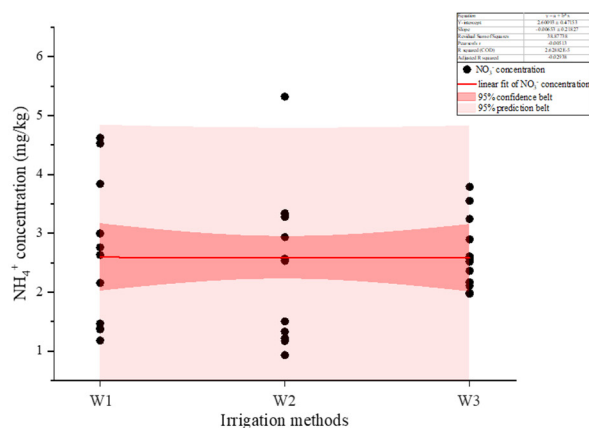
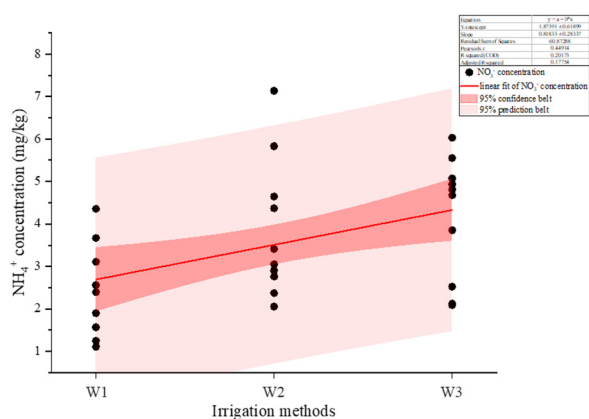


(a) NH_4^+ concentration at the late tillering stage (b) NH_4^+ concentration at the jointing-booting stage

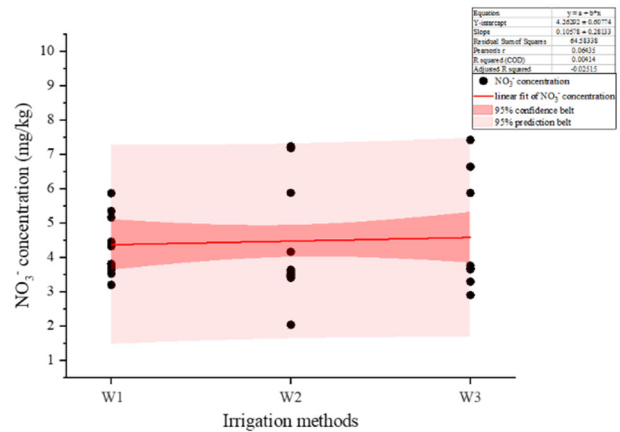
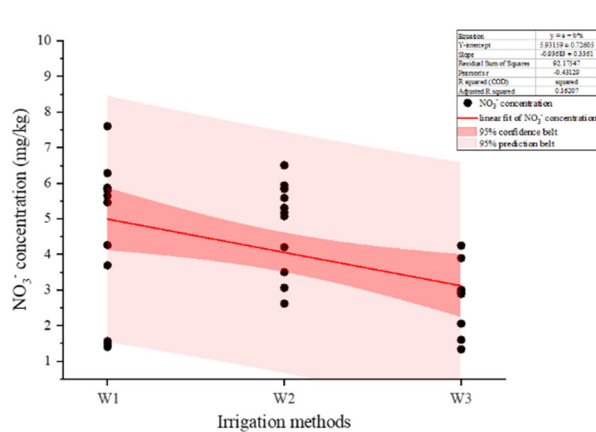


(c) NH_4^+ concentration at the heading and flowering stage (d) NH_4^+ concentration at the milk-ripe stage



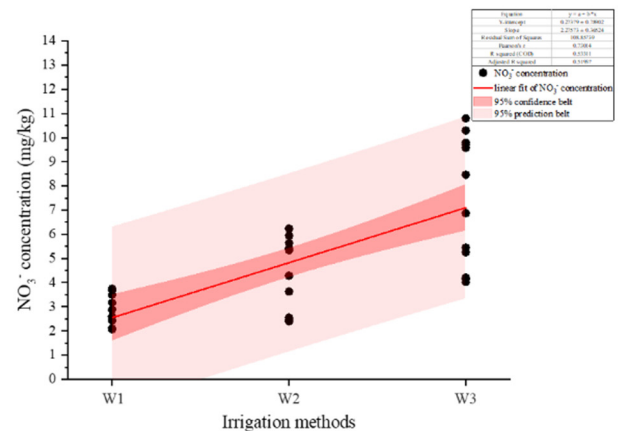
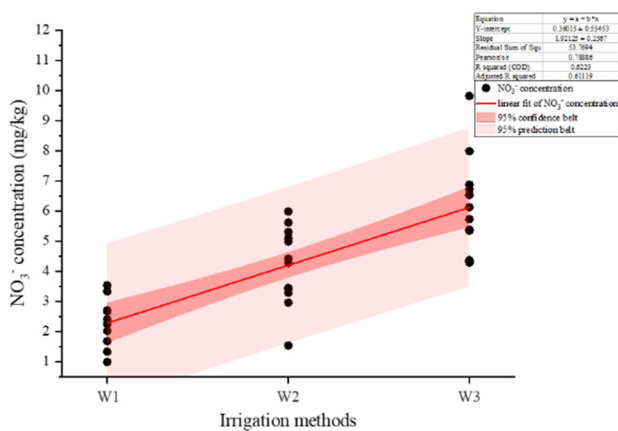
(e) NH_4^+ concentration at the yellow ripening stage

Figure S1. Responses of NH_4^+ concentration to irrigation methods at different growth stages.



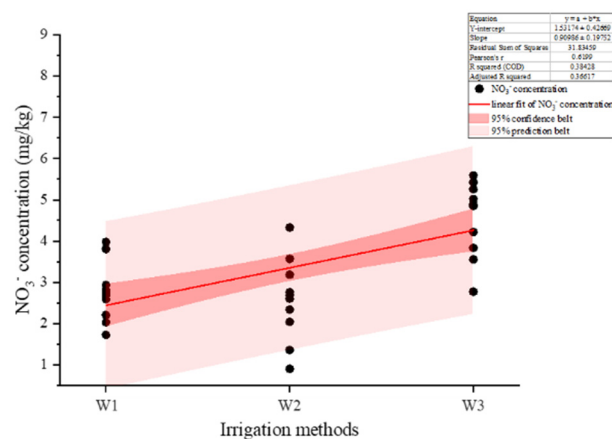
(a) NO_3^- concentration at the late tillering stage

(b) NO_3^- concentration at the jointing-booting stage



(c) NO_3^- concentration at the heading and flowering stage

(d) NO_3^- concentration at the milk-ripe stage



(e) NO_3^- concentration at the yellow ripening stage

Figure S2. Responses of NO_3^- concentration to irrigation methods at different growth stages.