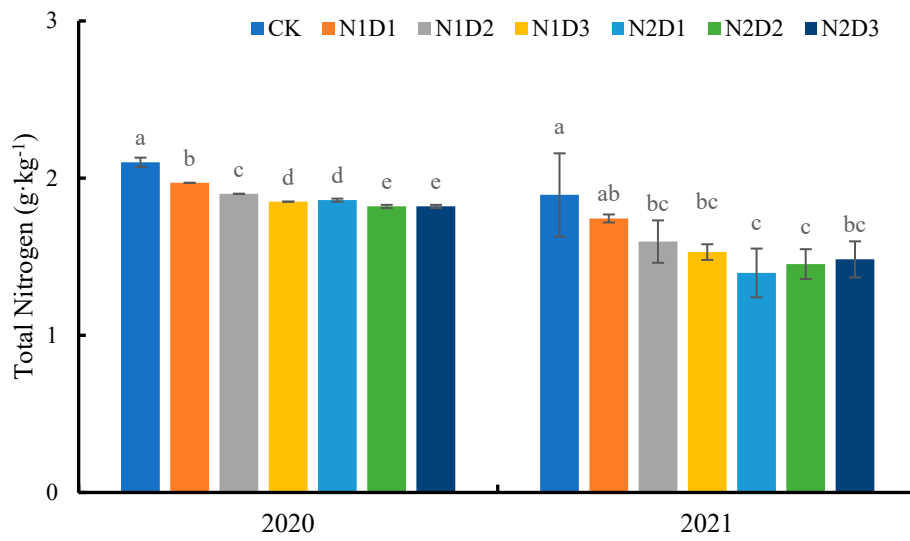


## Supplementary Materials



**Supplementary Figure S1.** Total nitrogen content in 0-20cm soil layer during late rice season in 2020 and 2021. Note: The vertical line on the broken line represents the standard error(n = 3). Different lowercase letters indicate significant differences between early, late rice seasons and the annual year at  $p < 0.05$ .