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Supplementary Materials

Biofortification of wheat with zinc as affected by foliar applications of zinc, pesticides, phosphorus and biostimulants

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Supplementary data

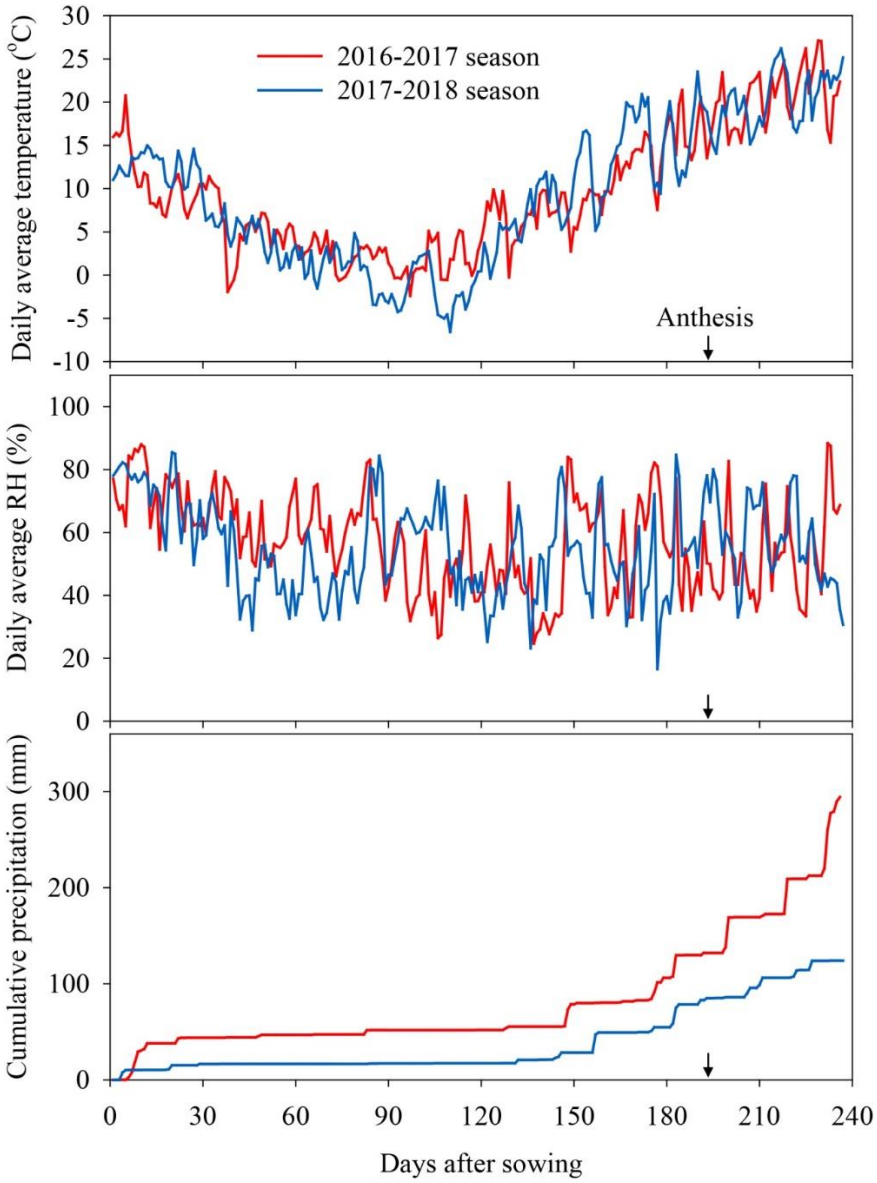

Figure S1. The average daily temperature, average daily relative humidity, and cumulative precipitation during wheat growing seasons in 2016-2017 and 2017-2018. Arrows indicate the date of anthesis stage, and foliar Zn was applied at 7 and 15 days after anthesis in the first season, and 9 and 19 days after anthesis in the second season, respectively.

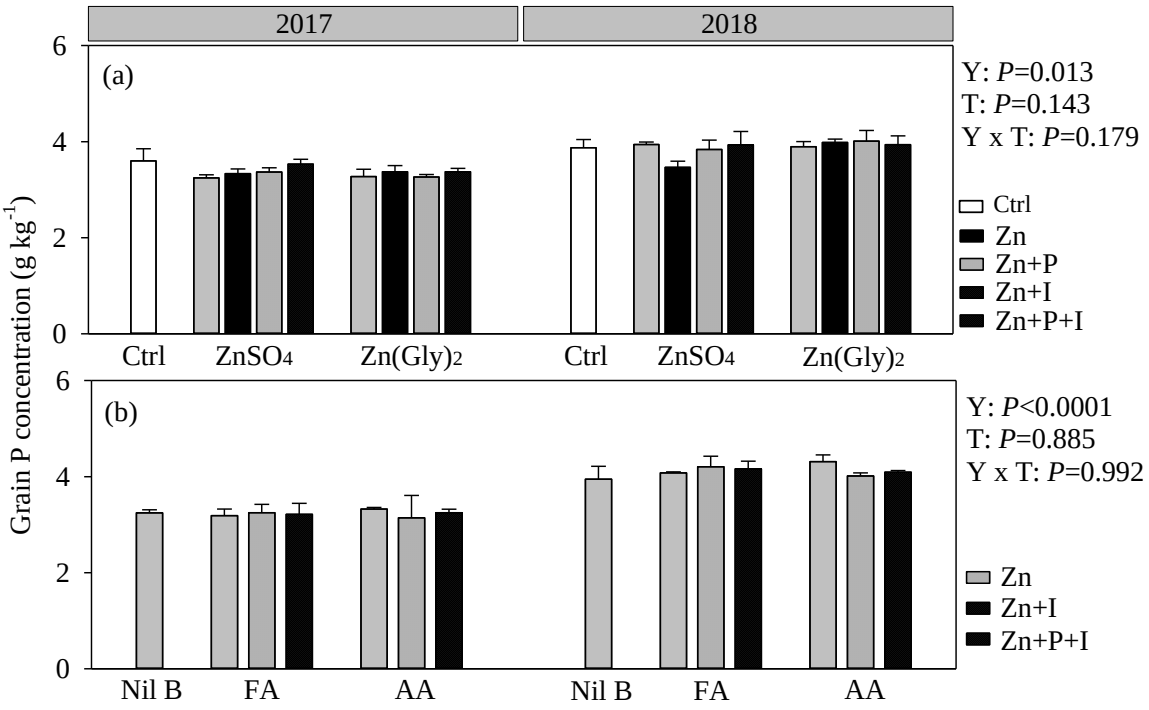

Figure S2. Phosphorus concentration in wheat grains as affected by management of foliar Zn application (T), two-year environments (Y), and Y×T interactions in 2017 and 2018 seasons. (a) $ZnSO_4$ and $Zn(Gly)_2$ were foliar applied either alone or mixed with phosphorus and/or pesticides in Exp. 1. (b) Combined application of $ZnSO_4$ and phosphorus, pesticides, and biostimulants in Exp. 2. Ctrl, no Zn application; Zn, $ZnSO_4$ or $Zn(Gly)_2$ spray alone; Zn+PK, Zn plus KH_2PO_4; Zn+I, Zn plus insecticide; Zn+I+PK, Zn plus insecticide and KH_2PO_4; Nil B, no biostimulant application; FA, fulvic acids; AA, amino acids. Vertical bars represent the standard error of four replications.