

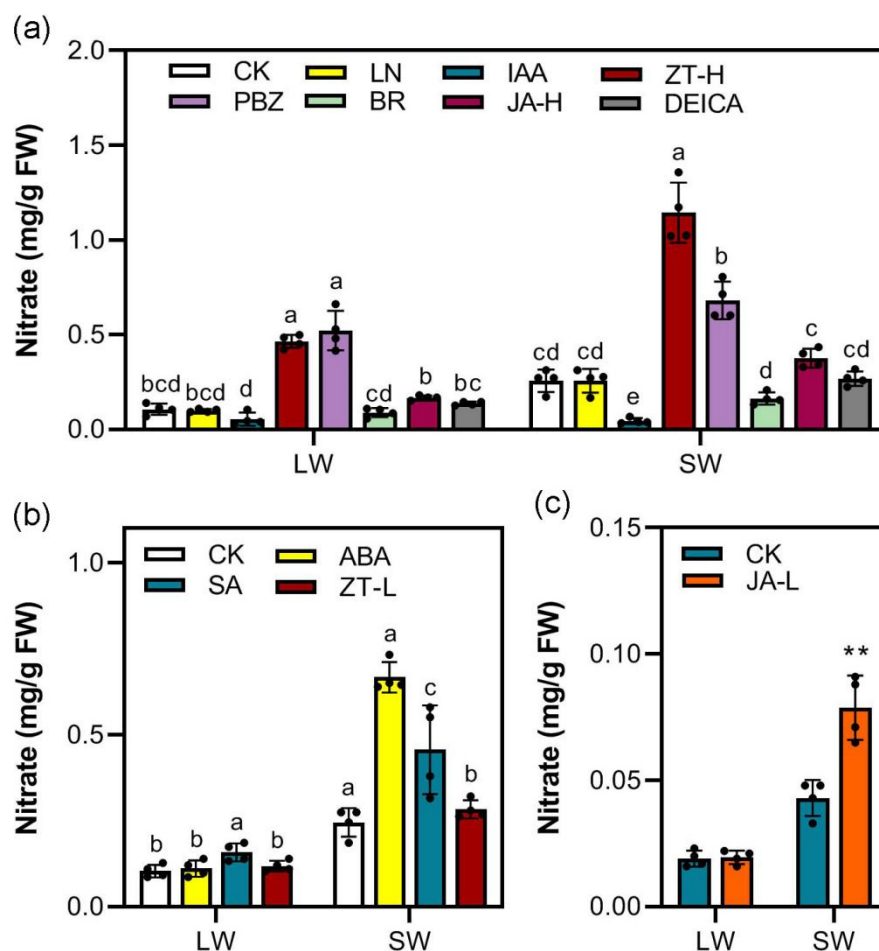


Fig. S12 Effects of different phytohormone treatments on shoot nitrate concentration of MDJ. (a) Nitrate concentration in the shoots of plants after treatments of low nitrogen (LN), auxin (IAA), high-concentration zeatin (ZT-H), paclobutrazol (PBZ), brassinosteroid (BR), high-concentration jasmonic acid (JA-H), and jasmonic acid inhibitor (DIECA). (b) Nitrate concentration in the shoots of plants after treatments of abscisic acid (ABA), salicylic acid (SA), and low-concentration zeatin (ZT-L). (c) Nitrate concentration in the shoots of plants after the treatment of low-concentration jasmonic acid (JA-L). LW indicates long day white light condition. SW indicates short day white light condition. Data are expressed as mean $\pm$ SD. $n=4$. Different letters above the bars represent significant differences at $P < 0.05$ (Duncan's test). Asterisks denote statistically different values according to independent sample t -tests (** $P < 0.01$).