

Supplementary Material

Exogenous spermidine enhances the photosynthetic and antioxidant capacity of rice under heat stress during early grain-filling period

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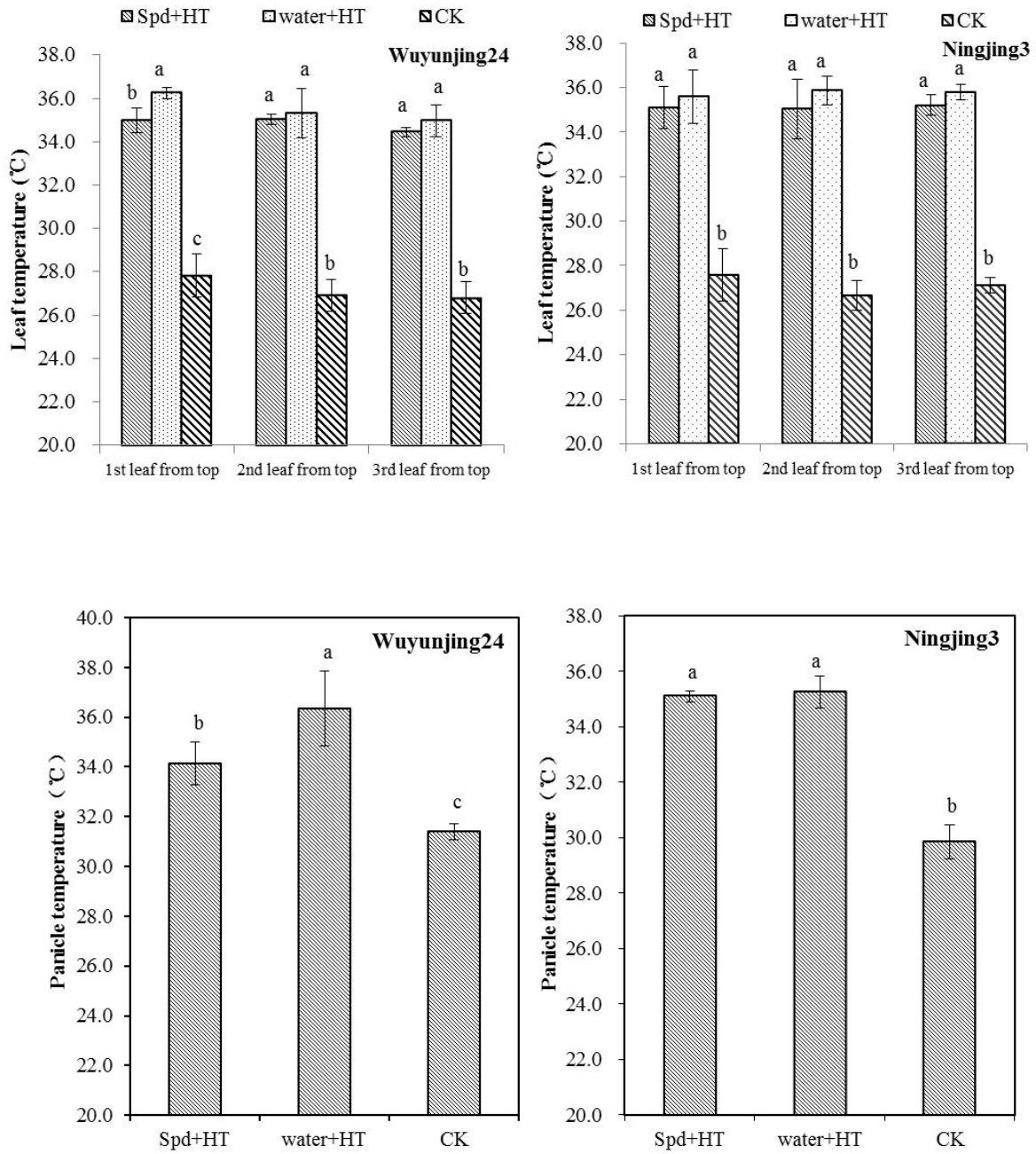


Fig. S1. Leaf and panicle temperatures of different treatments.

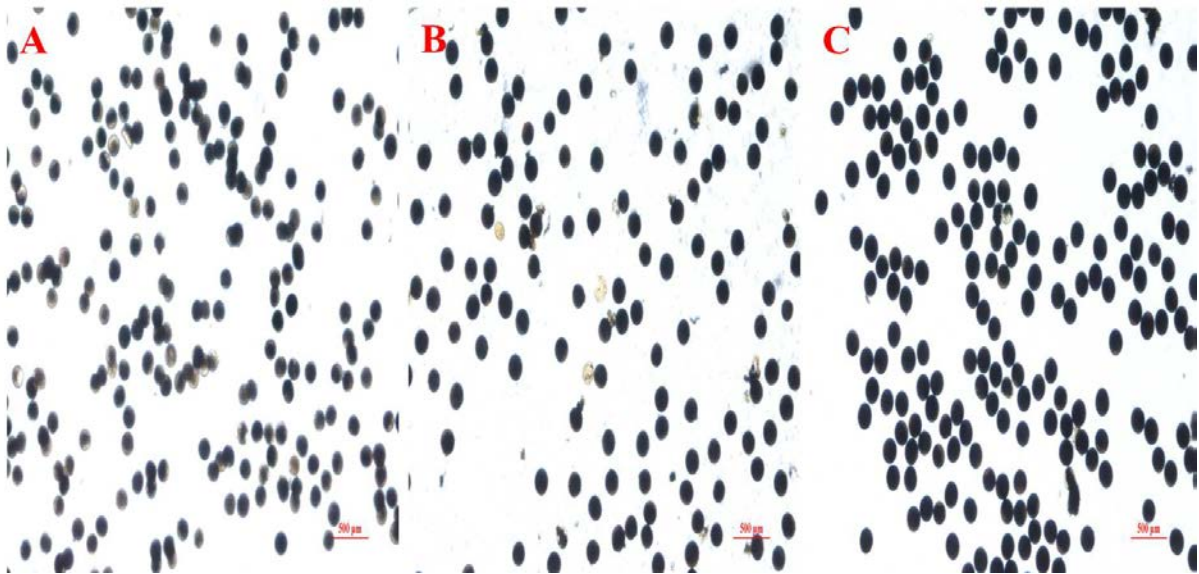


Fig. S2. Pollen fertility analysis in different treatments.

CK-Heat stress and leaves water sprayed (A); Spd+HT-Heat stress and leaves Spd sprayed (B); NT-Natural temperature and leaves water sprayed (C). Bars = 50 μ m.

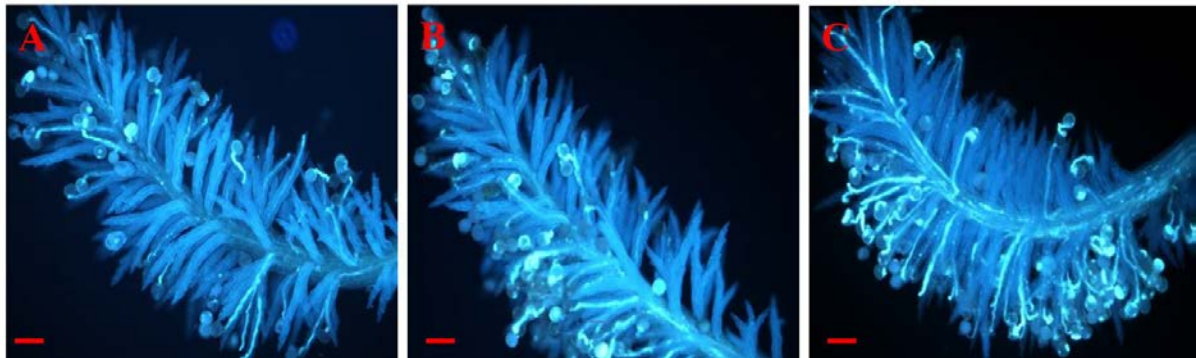


Fig. S3. Microscopic analyses of pollen germination on stigma.

CK-Heat stress and leaves water sprayed (A); Spd+HT-Heat stress and leaves Spd sprayed (B); NT-Natural temperature and leaves water sprayed (C). Bars = 0.1 mm.

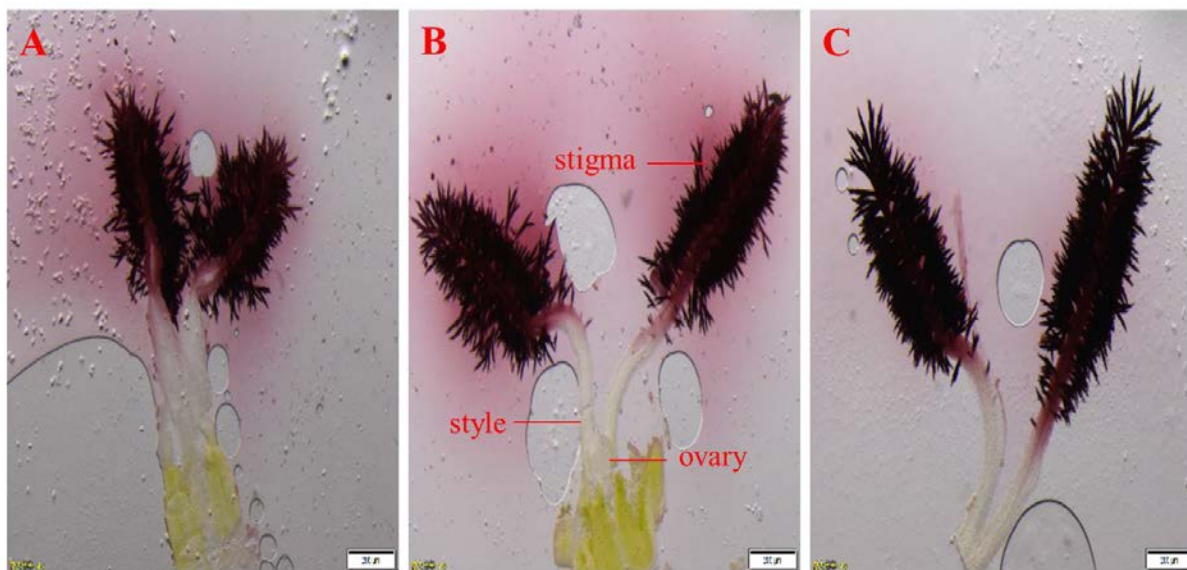


Fig. S4. Microscopic analyses of rice pistil organs.

CK-Heat stress and leaves water sprayed (A); Spd+HT-Heat stress and leaves Spd sprayed (B); NT-Natural temperature and leaves water sprayed (C). Bars = 200 μ m.