



Figure S1. Construction of the *LjAMT2;2* overexpression vector and identification of *LjAMT2;2*-OE plants. (A) Construction of the *LjAMT2;2* overexpression vector. (B) Expression of the *LjAMT2;2* gene in *LjAMT2;2*-OE plants. *** $p \leq 0.001$.

Table S1. B&D culture medium.

Reagent	Concentration
CaCl ₂ •2H ₂ O	1.0 M
K ₂ HPO ₄	0.5 M
Fe-Citrate	0.01 M
MgSO ₄ •7H ₂ O	0.25 M
K ₂ SO ₄	1.5 M
KNO ₃	1 M
MnSO ₄ •H ₂ O	10 ⁻³ M
H ₃ BO ₃	2.0×10 ⁻³ M
CuSO ₄ •5H ₂ O	2.0×10 ⁻⁴ M
CoSO ₄ •7H ₂ O	10 ⁻⁴ M
ZnSO ₄ •7H ₂ O	10 ⁻⁴ M
NaMoO ₄ •2H ₂ O	5×10 ⁻⁴ M