Supplementary Materials of

RZWQM2 simulated drip fertigation managements to improve water and nitrogen use efficiency of maize in a solar greenhouse

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Table S1. The soil physicochemical properties at the field experiment site

Soil type	pH	OM (%)	EC (dS m^{-1})	Nutrients			FC (%)	PWP (%)
				N (mg kg^{-1})	P (mg kg^{-1})	K (mg kg^{-1})		
Sand loam	7.1	1.88	0.26	108	40.5	82	18	8

OM, organic matter; EC, electrical conductivity; N, nitrogen; P, phosphorus; K, potassium; FC, field capacity; PWP, permanent wilting point.

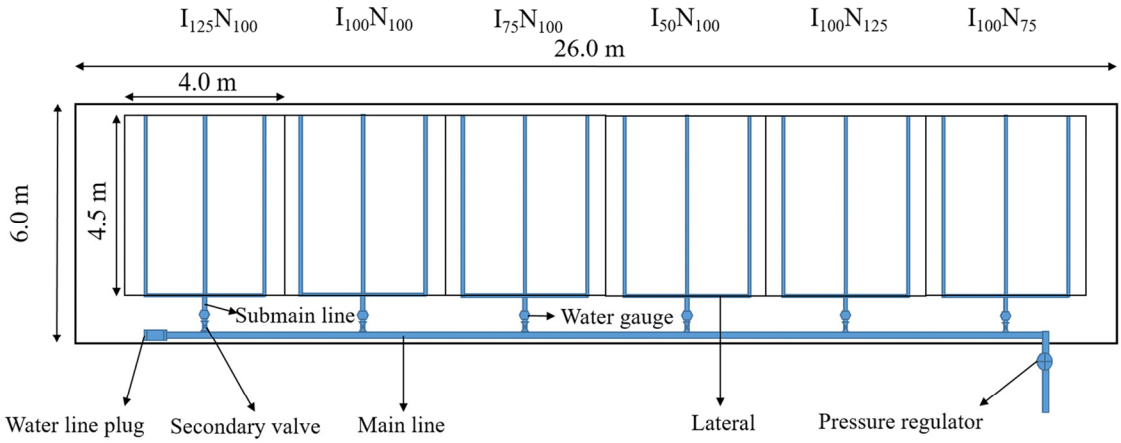

Figure S1 Surface drip fertigation (SDF) system layout and experimental design in the solar greenhouse

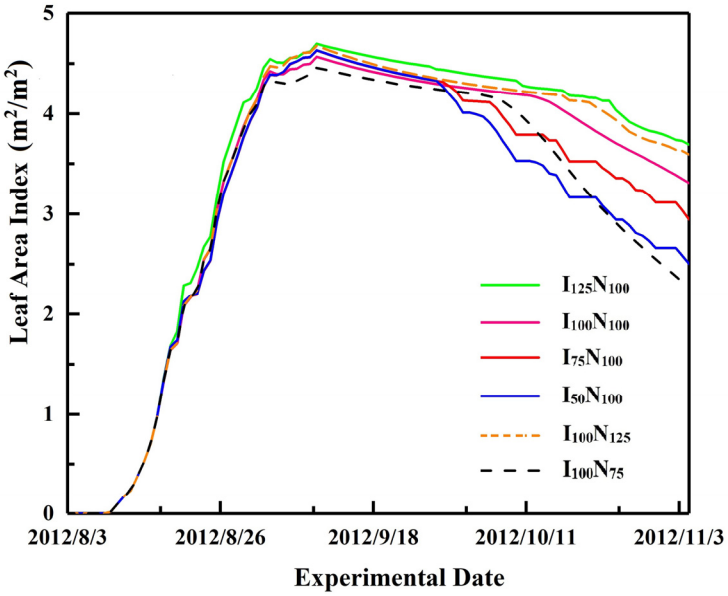

Figure S2 The simulated leaf area index (LAI) in the surface drip fertigation (SDF) scenarios