

Supplementary Tables

**Table S1.** Soil volumetric water content and irrigation in different treatments.

Date	Soil volumetric water content (%)			Quantity of irrigation water (ml)		
	W1	W2	W3	W1	W2	W3
6/18	19.7	23.3	26.8	0.0	0.0	0.0
6/19	18.7	17.3	17.9	0.0	0.0	0.0
6/20	15.7	17.1	16.3	40.3	0.0	0.0
6/21	19.7	14.7	12.6	0.0	0.0	0.0
6/22	15.2	11.2	11	45.0	110.6	0.0
6/23	20	23	9.7	0.0	0.0	162.2
6/24	14.3	11.4	27	53.4	108.8	0.0
6/25	20	23.4	8.2	0.0	0.0	176.3
6/26	14.3	16	27.3	53.4	0.0	0.0
6/27	19.2	13.2	11.6	0.0	91.9	144.4
6/28	14.8	22.7	26.6	48.8	0.0	0.0
6/29	19	17.4	14.1	0.0	0.0	120.9
6/30	15.6	12.8	20.5	41.3	95.6	0.0
7/1	17.5	23	16	0.0	0.0	0.0
7/2	11.6	12.3	9.2	78.8	100.3	166.9
7/3	13.9	23.3	27.2	57.2	0.0	0.0
7/4	16.3	12.1	11.9	34.7	102.2	0.0
7/5	15.7	23	8.6	40.3	0.0	172.5
7/6	12.6	13.5	26.9	69.4	89.1	0.0
7/7	17.6	23.7	8.8	0.0	0.0	170.6
7/8	15.4	17.3	26.4	43.1	0.0	0.0
7/9	15.2	14	15.2	45.0	84.4	0.0
7/10	16.2	23	8.4	35.6	0.0	174.4
7/11	15.8	12.7	26.6	39.4	96.6	0.0
7/12	16.9	23.3	13.8	29.1	0.0	0.0
7/13	17	15.6	12.6	0.0	0.0	0.0
7/14	15.5	14.1	9.2	42.2	83.4	166.9
7/15	18.3	23.3	27.3	0.0	0.0	0.0
7/16	16.6	11.4	11.6	31.9	108.8	0.0
7/17	14.8	23	10.8	48.8	0.0	0.0
7/18	20.2	19.4	8.6	0.0	0.0	172.5
7/19	13.4	13.2	26.6	61.9	0.0	0.0
7/20	16	11.5	9.7	37.5	107.8	162.2
7/21	20	23.3	26.5	0.0	0.0	0.0
7/22	16.3	13.2	9	34.7	0.0	168.8
7/23	20	12.7	26.6	0.0	96.6	0.0
7/24	13.6	23.4	8.7	60.0	0.0	171.6
7/25	20	12.6	26.6	0.0	97.5	0.0
7/26	16.4	23	12.8	33.8	0.0	0.0

7/27	20	13.8	8.3	0.0	86.3	175.3
7/28	12.6	23	27	69.4	0.0	0.0
7/29	19.1	18.6	14	0.0	0.0	0.0
7/30	15.5	12.7	10.1	42.2	96.6	0.0
7/31	20	23	7	0.0	0.0	187.5
8/1	12.1	11	27	74.1	112.5	0.0
8/2	20	23.4	9	0.0	0.0	168.8
8/3	15.4	13	26.6	43.1	0.0	0.0
8/4	20.1	10.8	8.1	0.0	114.4	177.2
8/5	14.9	23.3	27.2	47.8	0.0	0.0
8/6	19.9	16.7	20	0.0	59.1	0.0
8/7	19.9	23.3	13.9	0.0	0.0	0.0
8/8	17.3	14.9	8.1	25.3	0.0	177.2
8/9	21.1	13	26.9	0.0	93.8	0.0
8/10	21.2	23.2	8.1	0.0	0.0	177.2
8/11	15.2	11	26.5	45.0	0.0	0.0
8/12	20.2	10.3	7.5	0.0	119.1	182.8
8/13	16.6	23.4	27.1	31.9	0.0	0.0
8/14	21.1	17	13.5	0.0	56.3	0.0
8/15	20.6	22.8	9	0.0	0.0	168.8
8/16	17.8	21.1	27	20.6	0.0	0.0
8/17	19.8	13	8.9	0.0	93.8	169.7
8/18	18.5	23.4	27.3	0.0	0.0	0.0
8/19	15.1	12.9	13.6	45.9	94.7	0.0
8/20	20.1	23	9	0.0	0.0	168.8
8/21	14	13	27.4	56.3	93.8	0.0
8/22	16	22.4	8.5	37.5	0.0	173.4
8/23	15.5	17	27	42.2	0.0	0.0
8/24	18.4	13	15	0.0	93.8	0.0
8/25	16	23.3	8.9	37.5	0.0	169.7
8/26	19.9	13	26.6	0.0	93.8	0.0
8/27	15.4	22.8	13.2	43.1	0.0	0.0
8/28	20	17.6	8.6	0.0	0.0	172.5
8/29	16.1	12.9	27.5	36.6	94.7	0.0
8/30	20	23.4	16	0.0	0.0	0.0
8/31	17.6	13	9	0.0	93.8	168.8
9/1	16.1	22.8	27	36.6	0.0	0.0
9/2	19.9	16	8.6	0.0	0.0	172.5
9/3	16.3	13.1	26.5	34.7	92.8	0.0
9/4	20	23.1	15	0.0	0.0	0.0
9/5	15.1	12.1	8.9	45.9	102.2	169.7
9/6	20	23.4	27	0.0	0.0	0.0
9/7	16.4	13	11	33.8	93.8	0.0
9/8	20.3	23	9	0.0	0.0	168.8

9/9	17.3	18.5	27.2	25.3	42.2	0.0
9/10	20	23	9.8	0.0	0.0	161.3
9/11	15.6	16	26.5	41.3	0.0	0.0
9/12	20	12.3	13	0.0	100.3	0.0
9/13	18	22.8	8.4	18.8	0.0	174.4
9/14	20.1	13.9	26.1	0.0	85.3	0.0
9/15	19.3	23.1	13	0.0	0.0	0.0
9/16	15.8	14	8.9	39.4	0.0	169.7

**Table S2.** Effects of SMF and N application treatments on the number of fallen leaves of okra.

Treatment		Number of fallen leaves (piece)
N <sub>0</sub>	W <sub>1</sub>	15.3±0.94b
	W <sub>2</sub>	19.3±1.25a
	W <sub>3</sub>	14.0±1.41bc
N <sub>1</sub>	W <sub>1</sub>	9.3±0.94d
	W <sub>2</sub>	12.0±1.63bcd
	W <sub>3</sub>	10.7±0.94cd
N <sub>2</sub>	W <sub>1</sub>	13.3±2.36bcd
	W <sub>2</sub>	21.7±3.40a
	W <sub>3</sub>	13.7±1.70bc

Note: The data in the table are the mean ± standard deviation of the observed values. The different lowercase letters after the same number represent the significant difference between the treatments at 0.05 level.