



Supplementary Material

Association of jasmonic acid priming with multiple defense mechanisms in wheat plants under high salt stress

Mohamed S. Sheteiwy, Zaid Ulhassan, Weicong Qi, Haiying Lu*, Hamada AbdElgawad, Tatiana Minkina, Svetlana Sushkova, Vishnu D. Rajput, Ali El-Keblawy, Izabela Josko, Saad Sulieman, Mohamed A. El-Esawi, Khaled A. El-Tarabily*, Synan F. AbuQamar*, Haishui Yang, Mona Dawood

*** Correspondence:**

Haiying Lu luhaiying@jaas.ac.cn

Khaled El-Tarabily: ktarabily@uaeu.ac.ae

Synan AbuQamar: sabuqamar@uaeu.ac.ae

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Table S1. Meteorological data of temperature (°C), Rainfall (mm) and sun radiation (h) during 2018/2019 and 2019/2020 growing seasons.

Table S2. Some physical and chemical properties of the experimental soils used in the study during 2018/2019 and 2019/2020 growing seasons.

Table S1. Meteorological data of temperature (°C), Rainfall (mm) and sun radiation (h) during 2018/2019 and 2019/2020 growing seasons.

Months	Air temperature (°C)		Rainfall (mm)		Sun radiation (h)	
	2018/2019	2019/2020	2018/2019	2019/2020	2018/2019	2019/2020
November	11.4	13.4	82.8	41.7	86.1	161.9
December	6.2	7.3	117.4	59.1	76.5	143.9
January	4.1	5.1	51.5	75.3	92.5	44.6
February	4.4	8.2	90.4	35.5	40.2	130.2
March	11.8	12.3	37.6	89.9	168.5	153.4
April	17	15.8	52.9	70.8	158.7	210.9
May	21.8	23	41.1	33.7	194.2	167.8
June	25.4	25.8	109.2	358	164.5	95.3

Table S2. Some physical and chemical properties of the experimental soils used in the study during 2018/2019 and 2019/2020 growing seasons.

Soil properties	2018/2019	2019/2020
Clay %	24.90	24.30
Sand %	55.60	56.10
Silt %	19.50	19.60
Soil organic matter	22.45 g kg ⁻¹	22.30 g kg ⁻¹
Total nitrogen	0.87 g kg ⁻¹	0.89 g kg ⁻¹
Aalkali-hydrolyzable nitrogen	120.96 mg kg ⁻¹	115.75 mg kg ⁻¹
Available phosphorus	5.44 mg kg ⁻¹	5.64 mg kg ⁻¹
Available potassium	58.17 mg kg ⁻¹	61.25 mg kg ⁻¹
pH	7.47	7.43
Electrical conductivity (EC)	4.6 dSm ⁻¹	4.35 dSm ⁻¹