## Supplementary Materials

# Drip Irrigation at a Soil Water Suction of 30 kPa Helps AMF and GRSP to Enhance Greenhouse Macro-Aggregates

**Xuhong Ye †, Jiaqi Li †, Jianhui Ma, Qingfeng Fan, Na Yu, Yuling Zhang, Hongtao Zou * and Yulong Zhang**

College of Land and Environment, Shenyang Agricultural University, Shenyang, China
Northeast Key Laboratory of Conservation and Improvement of Cultivated Land (Shenyang), Ministry of Agriculture, Shenyang, China.
Monitoring & Experimental Station of Corn Nutrition and Fertilization in Northeast Region, Ministry of Agriculture, Shenyang, China.
National Engineering Research Center for Efficient Utilization of Soil and Fertilizer Resources, Shenyang, China
* Correspondence: hongtaozou208@163.com
† These authors contributed equally to this work.

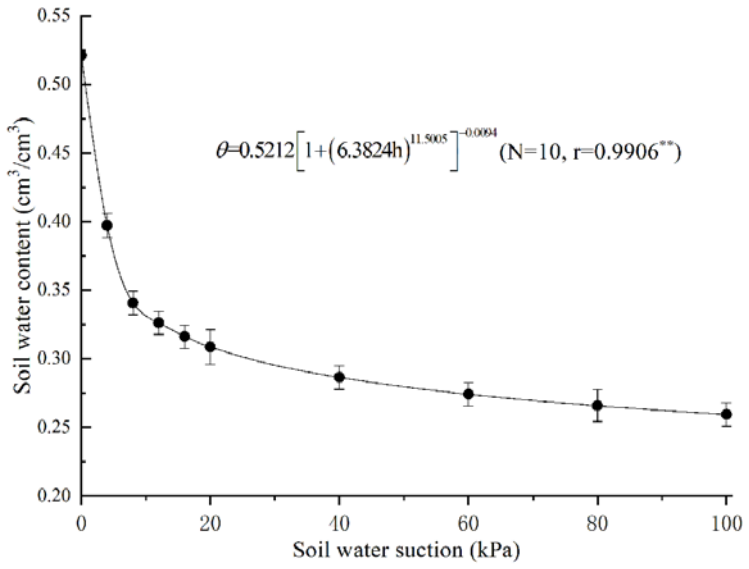



**Figure S1** Soil water recession curve of 0-100 kPa.

**Table S1** Irrigation date and amount under different drip irrigation treatments.

| Date<br>Day/Month | D20<br>Amount ($m^3/hm^2$) | D30<br>Amount ($m^3/hm^2$) | D40<br>Amount ($m^3/hm^2$) |
|---|---|---|---|
| 30th / May | 101.10 | 98.75 | 106.53 |
| 4th / June | 100.00 | 97.75 | - |
| 6th / June | 78.65 | - | - |
| 8th / June | 82.55 | - | - |
| 9th / June | | 92.83 | 107.75 |
| 10th / June | 80.88 | - | - |
| 13th / June | - | 103.18 | |
| 14th / June | 94.13 | - | 102.15 |
| 17th / June | 98.91 | - | - |
| 19th / June | - | - | 114.65 |
| 20th / June | 100.00 | 103.00 | - |
| 23th / June | 93.50 | 97.18 | - |
| 25th / June | - | - | 103.18 |
| 29th / June | 94.56 | 105.00 | - |
| 1th / July | 84.18 | - | 122.95 |
| 3th / July | 86.53 | 97.06 | - |
| 6th / July | 75.35 | 101.10 | 107.08 |
| 9th / July | 91.66 | 100.33 | - |
| 11th / July | 87.97 | - | - |
| 13th / July | - | 109.00 | 120.00 |
| 15th / July | 89.45 | - | - |
| 16th / July | - | 87.65 | - |
| 17th / July | 88.88 | - | - |
| 20th / July | - | 106.18 | - |
| 21th / July | 97.98 | - | 118.33 |

D20: Irrigation at suction value of 20 kPa; D30: Irrigation at suction value of 30 kPa; D40: Irrigation at suction value of 40 kPa.