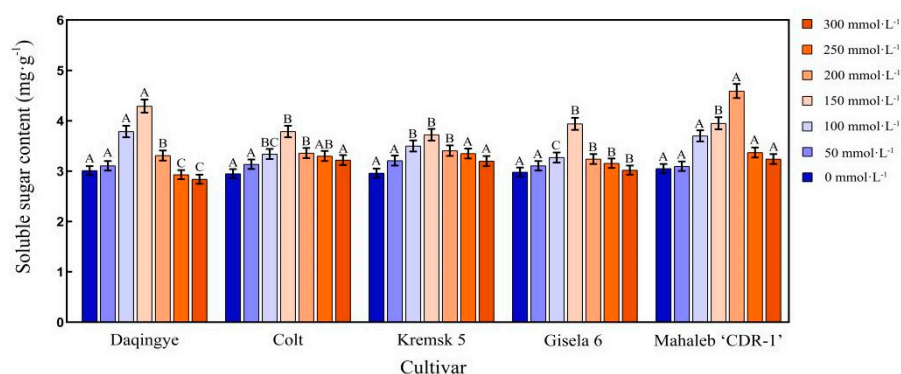
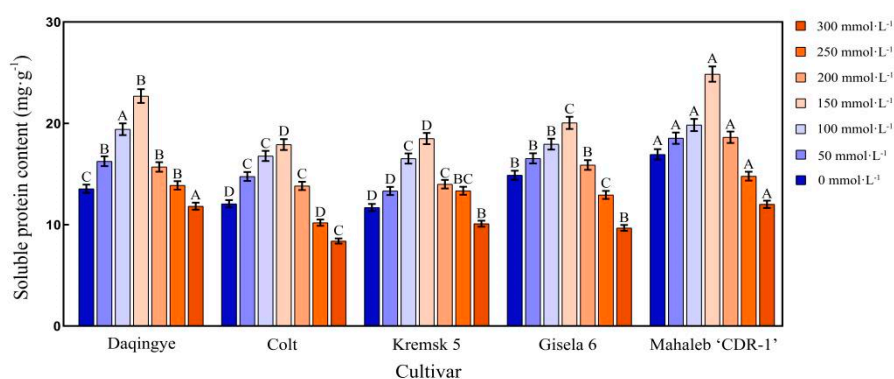
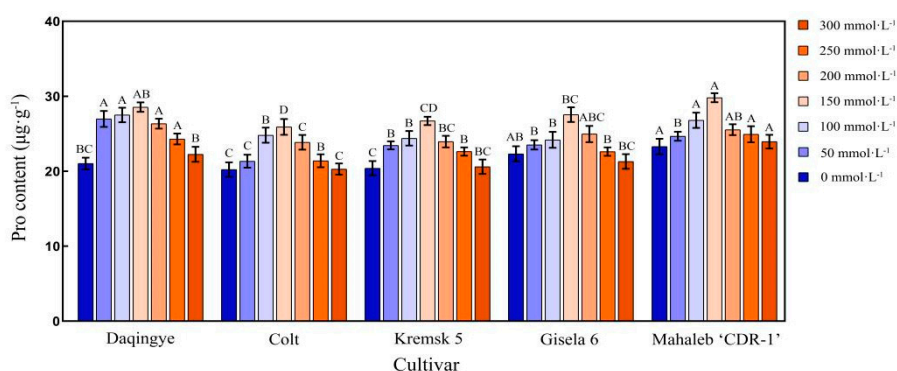




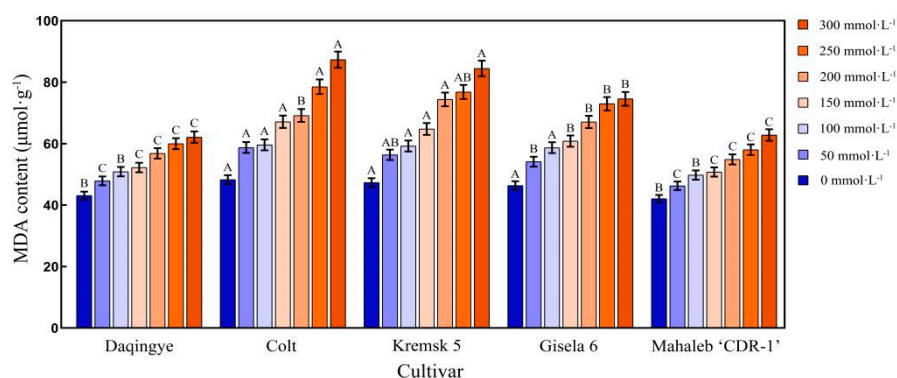
Supplementary Figure S1. Effect of NaCl stress on soluble sugar content in the leaves of different cherry rootstocks ['Daqingye,' 'Colt,' 'Mahaleb CDR-1,' 'Kremask 5', and 'Gisela 6']. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).



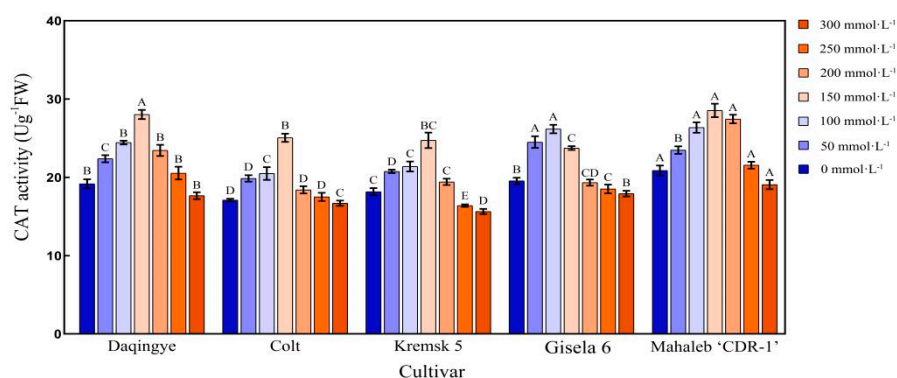
Supplementary Figure S2. Effect of NaCl stress on soluble protein content in the leaves of different cherry rootstocks ['Daqingye,' 'Colt,' 'Mahaleb CDR-1,' 'Kremask 5' , and 'Gisela 6']. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).



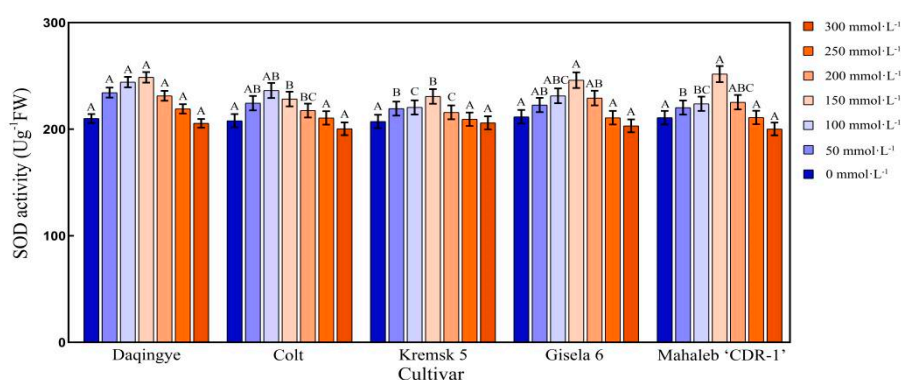
Supplementary Figure S3. Effect of NaCl stress on Pro content in the leaves of different cherry rootstocks ['Daqingye,' 'Colt,' 'Mahaleb CDR-1,' 'Kremask 5' , and 'Gisela 6']. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).



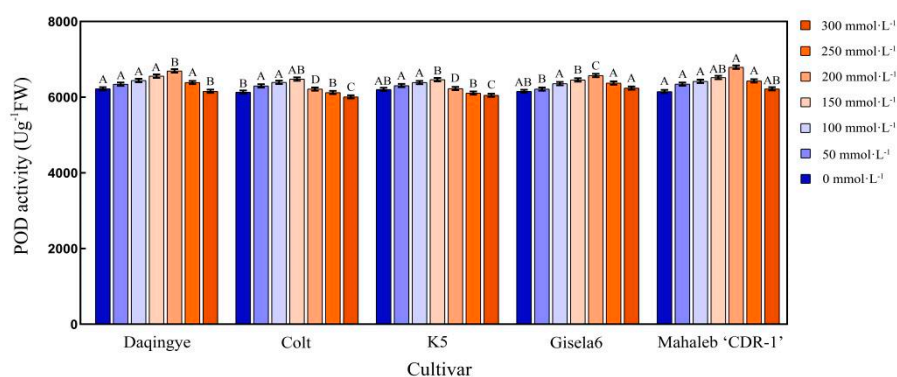
Supplementary Figure S4. Effect of NaCl stress on MDA content in the leaves of different cherry rootstocks [‘Daqingye,’ ‘Colt,’ ‘Mahaleb CDR-1,’ ‘Kremask 5’, and ‘Gisela 6’]. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).



Supplementary Figure S5. Effect of NaCl stress on catalase (CAT) activity in the leaves of different cherry rootstocks [‘Daqingye,’ ‘Colt,’ ‘Mahaleb CDR-1,’ ‘Kremask 5’, and ‘Gisela 6’]. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).



Supplementary Figure S6. Effect of NaCl stress on SOD activity in the leaves of different cherry rootstocks [‘Daqingye,’ ‘Colt,’ ‘Mahaleb CDR-1,’ ‘Kremask 5’, and ‘Gisela 6’]. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).



Supplementary Figure S7. Effect of NaCl Stress on POD activity in the leaves of different cherry rootstocks ['Daqingye,' 'Colt,' 'Mahaleb CDR-1,' 'Kremsk 5', and 'Gisela 6']. Error bars indicate the SD of treatment means. Different letters on the bars indicate significant differences among the cultivars ($p < 0.05$).

Supplementary Tables S1. Effects of NaCl Stress on Net Photosynthetic Rate (P_n) of Different Cherry Rootstocks. The data are presented as treatment mean $\pm$ SD. Different English letters in the same column indicate a significant difference at the level of 0.05.

Concentration of Stress Agent (mmol/L)	'Mahaleb CDR-1'	'Daqingye'	'K5'	'G6'	'Colt'
0 (CK)	9.15 $\pm$ 0.326aA	5.483 $\pm$ 0.1956aD	9.647 $\pm$ 0.341aA	7.363 $\pm$ 0.261 aB	6.34 $\pm$ 0.221aC
50	8.01 $\pm$ 0.281bA	4.577 $\pm$ 0.160bD	6.677 $\pm$ 0.236bB	7.067 $\pm$ 0.246 aB	5.203 $\pm$ 0.186bC
100	6.28 $\pm$ 0.221cA	4.077 $\pm$ 0.141cC	4.337 $\pm$ 0.150cC	6.2 $\pm$ 0.221bA	4.743 $\pm$ 0.166cB
150	5.183 $\pm$ 0.186dA	3.707 $\pm$ 0.131dD	4.057 $\pm$ 0.141 cC	4.863 $\pm$ 0.176 cB	4.077 $\pm$ 0.141dC
200	4.973 $\pm$ 0.176dA	3.677 $\pm$ 0.131dC	3.52 $\pm$ 0.125 dC	4.007 $\pm$ 0.141dB	3.967 $\pm$ 0.141dB
250	4.317 $\pm$ 0.150eA	3.407 $\pm$ 0.121eC	2.72 $\pm$ 0.095eD	3.757 $\pm$ 0.131 dB	3.647 $\pm$ 0.131eB
300	4.047 $\pm$ 0.141eA	2.48 $\pm$ 0.085fC	2.063 $\pm$ 0.070fD	1.713 $\pm$ 0.060eE	2.8 $\pm$ 0.095fB

Supplementary Tables S2. Effects of NaCl Stress on Transpiration Rate (Tr) of Different Cherry Rootstocks. The data are presented as treatment mean $\pm$ SD. Different English letters in the same column indicate a significant difference at the level of 0.05.

Concentration of Stress Agent (mmol/L)	'Mahaleb CDR-1'	'Daqingye'	'K5'	'G6'	'Colt'
0 (CK)	3.36 $\pm$ 0.150aB	3.81 $\pm$ 0.170aA	3.95 $\pm$ 0.180aA	3.87 $\pm$ 0.170 aA	2.94 $\pm$ 0.063aC
50	3.31 $\pm$ 0.150 aB	2.61 $\pm$ 0.115bC	3.60 $\pm$ 0.160bA	3.40 $\pm$ 0.155bAB	2.06 $\pm$ 0.042bD
100	3.16 $\pm$ 0.145abA	2.57 $\pm$ 0.115bB	3.39 $\pm$ 0.155 bA	3.15 $\pm$ 0.145cA	1.90 $\pm$ 0.0416 cC
150	2.97 $\pm$ 0.135bcA	2.57 $\pm$ 0.115bB	3.03 $\pm$ 0.135 cA	2.82 $\pm$ 0.125 dA	1.69 $\pm$ 0.036dC
200	2.83 $\pm$ 0.125cdA	2.34 $\pm$ 0.105cB	2.39 $\pm$ 0.110dB	2.66 $\pm$ 0.120dA	1.68 $\pm$ 0.036dC
250	2.73 $\pm$ 0.125cdA	2.33 $\pm$ 0.105cB	2.30 $\pm$ 0.100dB	2.37 $\pm$ 0.105eB	1.67 $\pm$ 0.036dC
300	2.70 $\pm$ 0.120dA	2.10 $\pm$ 0.090dB	1.73 $\pm$ 0.080eCD	1.91 $\pm$ 0.090fBC	1.63 $\pm$ 0.036dD

Supplementary Tables S3. Effects of NaCl Stress on Stomatal Conductance (G_s) of Different Cherry Rootstocks (Unit: $\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$). The data are presented as treatment mean $\pm$ SD. Different English letters in the same column indicate a significant difference at the level of 0.05.

Concentration of Stress Agent (mmol/L)	'Mahaleb CDR-1'	'Daqingye'	'K5'	'G6'	'Colt'
0 (CK)	0.16 $\pm$ 0.01aB	0.13 $\pm$ 0.01aC	0.16 $\pm$ 0.01 aB	0.19 $\pm$ 0.015aA	0.14 $\pm$ 0.01aBC

50	0.15±0.006 bA	0.11±0.01bB	0.14±0.006aA	0.11±0.01bB	0.06±0.006bC
100	0.13±0.006cA	0.10±0.01bB	0.11±0.006 bB	0.10±0.01bB	0.06±0.012bcC
150	0.11±0.006dA	0.08±0.006cB	0.07±0.006 cB	0.08±0.006cB	0.05±0.006bcdC
200	0.08±0.006eA	0.07±0.006cAB	0.06±0.017cdBC	0.07±0.006cdAB	0.04±0.006cdeC
250	0.07±0.006efA	0.06±0.006 cAB	0.05±0.006dB	0.06±0.006dAB	0.04±0.01 deC
300	0.07±0.006fA	0.05±0.012dAB	0.04±0.012dB	0.04±0.006eB	0.04±0.006eB

Supplementary Tables S4. Effects of NaCl Stress on Intercellular CO₂ Concentration (*C_i*) of Different Cherry Rootstocks (Unit: $\mu\text{mol}\cdot\text{m}^{-2}\cdot\text{s}^{-1}$).The data are presented as treatment mean $\pm$ SD. Different English letters in the same column indicate a significant difference at the level of 0.05.

Concentration of Stress Agent (mmol/L)	‘Mahaleb CDR-1’	‘Daqingye’	‘K5’	‘G6’	‘Colt’
0 (CK)	312.66±7.84cB	327.42±8.21dA	304.74±7.64eB	278.49±6.99cC	260.13±6.53fD
50	293.19±7.35 dAB	303.88±7.63eA	282.32±7.08fB	257.45±6.46dC	224.19±5.62gD
100	287.64±7.21dB	290.91±7.30ebB	312.78±7.84 eA	234.52±5.88eC	288.23±7.23eB
150	267.31±6.70eC	330.99±8.30dB	350.64±8.79 dA	265.12±6.65dC	323.28±8.11dB
200	293.97±7.37dC	361.48±9.07cB	377.17±9.46cA	289.21±7.25cC	351.70±8.82cB
250	342.27±8.58bC	377.14±9.46bB	394.25±9.89bA	303.50±7.61bD	394.86±9.91bA
300	362.52±9.09aD	401.59±10.07aC	420.38±10.54aB	338.79±8.50aE	445.01±11.16aA