

Comments and Suggestions for Authors

1. Lines 31-32. "Excess Na⁺ in cell interferes with the binding of potassium". I am not happy with this "binding". I think "transport" would be better.

Response 1: The "binding" been replaced by "transport".

2. Line 62. "the cortex is the main site for storing excess Na⁺" – I have two remarks concerning this sentence. First, "root" should be added to the "cortex", since this is a specific root structure. Second, I think another reference should be provided, since I failed to find mentioning "storing excess Na" in the cited article of Munns.

Response 2: The sentence has been revised and the article of Munns has been replaced with a new one.

3. I advise to modify succession of presentation in the figure 3. Since Net Na⁺ fluxes measured from roots are described first, the figure with this data should be 3A and not 3 C. Fluxes measured from stem should be 3B and leaves should be the last.

Response 3: The succession of presentation in the figure 3 has been modified.

4. I advise to round about most of values in the text. Precision should correspond with the error of the method.

Response 4: Most of values in the text have been rounded off.

5. Lines 301-306. "This phenomenon explains why grafting combinations with higher Na⁺ concentration also have higher K⁺ concentration (Fig. 2B)." - It is unclear for me what authors meant. Sodium is generally competing with potassium for transporters and maintaining ion homeostasis under salinity includes opposite effects: a decline in Na accumulation and maintaining K concentration. I advise either to explain clearer what is meant or to delete this passage about potassium.

Response 5: This sentence has been deleted.

6. Legend of Figure 7. "the arrows represent the velocity" – I think it should be mentioned that the size of the arrows (their width) represents velocity

Response 6: This sentence has been revised.

