Table S1. Total selenium content in carrot leaves and storage roots depending on the foliar application of I and Se – results from the screening test carried out in the greenhouse.

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| --- | --- | --- | --- |
| Foliar  application | Selenium content | | |
| Roots  (µg∙kg-1 DWM) | Leaves  (µg∙kg-1 DWM) |
| Control | 13.7±3.9a | 26.5±8.1a |
| 100 g I + 5 g Se | 91.8±13.9b | 380,7±51,1b |
| 200 g I + 10 g Se | 113.6±12.3c | 411.5±69.8b |
| 400 g I + 20 g Se | 162.7±16.5d | 502.2±56.0c |
| 5 g Se | 106.6±13.6bc | 388,5±51.8b |
| 10 g Se | 157,2±9,6d | 506,1±46.2c |
| 20 g Se | 152.3±14.6d | 579,9±49,8d |
| 100 g I | 20.2±3.8a | 17.7±9.2a |
| 200 g I | 17.8±2.1a | 25.7±10.9a |
| 400 g I | 21.9±3.5a | 16.4±5.0a |
| Test *F* | \* | \* |

Means followed by the same letters are not significantly different for p < 0.05; „±” – standard error (n=4); \* ˗ statistically significant for P < 0.05.