

,

• *Chlorophyll a* (Chl *a*)

| 1. (Na ₂ SeO ₄) | | |
|--|------------------------------------|-----|
| | Na ₂ SeO ₄ , | |
| | % | / |
| I | | - |
| II | 0,0001 | 0,5 |
| III | 0,001 | 5,0 |
| IV | 0,01 | 50 |
| V | 0,04 | 200 |
| VI | 0,07 | 350 |
| VII | 0.1 | 500 |

-04 (- ,). 4.1.985-00 [6]. (. 2).

| 2. | (Na ₂ SeO ₄) | | | | | Se | | | | |
|-----|-------------------------------------|------|------|------|-------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| I | 1,92 | 3,75 | 25,7 | 57,7 | 103,9 | 0,04 | 0,03 | 0,01 | 0,02 | 0,02 |
| II | 1,95 | 4,79 | 28,2 | 62,9 | 111,6 | 0,24 | 0,12 | 0,04 | 0,04 | 0,04 |
| III | 1,98 | 5,13 | 30,8 | 65,1 | 118,0 | 0,90 | 0,35 | 0,13 | 0,07 | 0,06 |
| IV | 1,55 | 4,82 | 26,7 | 60,8 | 110,4 | 9,66 | 2,18 | 0,58 | 0,35 | 0,15 |
| V | 1,49 | 4,68 | 27,7 | 56,4 | 102,8 | 29,3 | 11,4 | 3,25 | 2,44 | 0,24 |
| VI | 1,46 | 3,97 | 25,8 | 57,1 | 102,7 | 67,8 | 17,6 | 4,47 | 2,76 | 0,59 |
| VII | 1,43 | 3,77 | 25,4 | 56,2 | 95,2 | 87,1 | 21,2 | 6,28 | 3,58 | 0,84 |
| 05 | 0,49 | 1,17 | 3,9 | 6,2 | 25,7 | 3,03 | 0,78 | 0,22 | 0,13 | 0,03 |

(20 - 2006 2008 .
) Se (22-50) 2007 . (6-14).
 , 22-25%. Se 50 / (0,01%)
 0,001% (5 /),
 Se ,
 0,001% (5 /).
 30 200 / ()
 0,001% (5 /), Se
 37%.
 0,01% (50 /). Se
 40
 0,001% (5 /), Se
 20%.
 0,01% (50 /).
 50 2006 2008
 . Se ,
 2007 .
 21% ,
 0,04% (200 /).
 60 2006 2008
 . Se , 2007 .
 17 %
 0,07% (350 /).
 5 4
 II 2007 . I
 (16-24°) 2006 2008 . (12-18°). , 2000. – 19 .

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Content of selenium in *Brassica rapa pekinensis* depending on the rate of sodium selenate

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Summary. Selenium accumulation in *Brassica rapa pekinensis* was observed under foliar spray with sodium selenate. The single application of sodium selenate (200 g/ha) ensured the accumulation of selenium in the marketable part of crop (cabbage head) without exceeding the provisional permissible concentration (PPC) or reducing the crop yield.

Key words: *Brassica rapa pekinensis*, selenium, foliar spray