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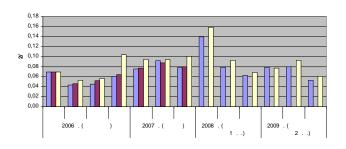
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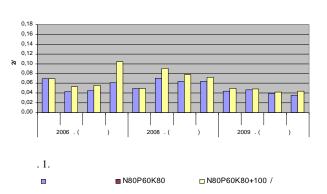
[1], « » – [4], – (-

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30 % (. 1).

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	2006 .	2007 .	2008 .	2009 .	2007 .	20081-	20092
(-	37,0	43,3	29,6	24,7	24,2	5,6	5,4
$N_{80\ 60\ 80}$	48,0	40,0	30,1	25,0	23,0	5,8	5,5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	47,0	47,0	39,0	26,7	23,6	7,3	6,0
05	0,6	5,5	8,8	2,3	4,1	1,5	0,8
S, %	3,9	6,5	6,5	3,5	5,4	6,2	3,6





2007 . 2006 . 45 %, (2008 . 33 %, 2009 . – 70 %). 30 %. [3]. 15 %. 146 / , 15 %, 2009 . 20, 11 20 %, (. 2). 4 %. . (2009 .) 40 % (. 2). 3-1-1400 0,20 0,32 0,42 1200 1000 0,38 0,41 0,41 800 600 0,21 0,44 0,40 400 0,48 0,24 0,42 0,18 0,23 0,41 2008 . ((0,48 %/ .), 1400 1200 (0,18 %/ 1000 800 600 400 200 2008 . (2009 . (2006 . (. 2. . 3). ■ N80P60K80 □ N80P60K80+100 / 10 30 % /). 0,25 34 %. 2006 2007 2008 2009 С С N N C N N 0,25 0,24 0,58 3,26 3,72 0,05 4,25 0,05 3,22 0,08 3,22 0,04 2,78 3,45 0,58 3,70 N_{806080} 100 4,22 4,37 0,05 4,84 0,06 4,70 0,08 3,50 0,06 3,01 0,64 0,26

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,		, 2006. – 3. – .39–42. <i>3</i> .
,	10-30 %.	// . – 2001. – 1. – .19–33. 4.
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, ,		1975. – 126 . 5. . – .: , 1972. – 149 .

MICROBIOLOGICAL ACTIVITY OF SODDY-PODZOLIC SOIL UNDER CROP ROTATION AND POTATO MONOCULTURE IN THE ARKHANGELSK REGION

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The microbiological activity of soddy-podzolic soil under crop rotation and potato monoculture at the application of organic and mineral fertilizers was studied. A positive effect of crop rotation and combined application of organic and mineral fertilizers on the microbiological activity of soil was revealed.

Keywords: crop rotation, monoculture, microbiological activity, respiration intensity, nitrogen and carbon of soil microbial biomass, cellulolytic activity.

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