

, %, 2005 . (1) 2008 . (2)																
.	,	,														
		>30		30-10		10-3		3-1		1-0,25		<0,25		, / ³		
		1	2	1	2	1	2	1	2	1	2	1	2	1	2	
1	0-30	15	18	19	20	32	30	19	16	12	13	3	3	1,26	1,29	
	30-60	13	9	19	24	29	32	21	18	14	11	4	6	1,44	1,41	
2	0-30	3	1	15	11	36	37	24	34	17	17	5	0	1,05	1,19	
	30-60	3	3	17	12	34	38	26	36	14	10	6	1	1,15	1,21	
5	0-30	2	2	12	5	31	29	29	42	18	18	8	4	1,11	1,14	
	30-60	4	0	18	8	37	26	26	47	10	13	5	6	1,12	1,25	
05		3,3													0,11	

2007 . 25 ²

0-5 - 35 .. 25-30 - 1-2 ..

35-40 - 0 (05=3,5).

30-60

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20 / 25 ² //

0-5 27 .. 25-30 12 ..

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18-

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0,98 /).

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ECOLOGICAL-RECREATION RECYCLING OF PHOSPHOGYPSUM IN CHERNOZEM OF KRASNODAR KRAI

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Summary. Recycling of phosphogypsum in the 30- to 60-cm layer of chernozem with rotavation was proposed. The morphology, agrophysics, soil moisture, morphological parameters of root systems, the yielding capacity of corn and sunflower were studied.

Key words: chernozem, phosphogypsum recycling in the 30- to 60-cm soil layer, rotavation.