

(.2).

2. N₃₀

	0-20									
	16-30					30-45				
	2005	2006		/	%	2005	2006		/	%
	N-N ₃ 0-100 - 80 /									
()	50,6	38,3	44,5	-	-	54,0	47,6	50,8	-	-
	54,0	40,3	47,2	2,7	6	57,2	50,8	54,0	3,2	6
-	54,6	44,2	49,4	4,9	11	57,6	53,0	55,3	4,5	9
05	2,9	2,5				2,8	3,0			
	N-N ₃ 0-100 - 120-180 /									
()	55,8	60,0	57,9	-	-	66,5	64,0	65,3	-	-
	56,6	61,5	59,1	1,2	2	67,2	64,7	66,0	0,7	1
-	56,0	60,8	58,4	0,5	1	66,9	64,6	65,8	0,5	1
05	2,3	2,1				1,8	1,5			

3.

		2005	2006		/	%
0	()	26,3	29,7	28,0	-	
30		35,6	32,8	34,2	6,2	22
	-	34,8	30,8	32,8	4,8	17
45		35,9	31,4	33,7	5,7	20
	-	34,0	34,5	34,2	6,2	22
60		34,7	36,2	35,5	7,5	27
	-	33,6	36,6	35,1	7,1	25
05		2,1	2,8			
0	()	33,3	28,7	31,0	-	
30		38,9	33,1	36,0	5,0	16
	-	37,9	32,1	35,0	4,0	13
45		39,7	35,1	37,4	6,4	21
	-	39,5	33,3	36,4	5,4	17
60		39,9	35,0	37,5	6,5	21
	-	38,4	35,7	37,1	6,1	20
05		3,4	3,2			

18, 1000 18-20%, 3-4%. 10-

(2005 .) 2006

- 60 . / (.3).

5,7-7,5 / , -4,8-7,1 / .

4,0-6,5 / .

30 60 / (.3).

17-27%, - 13-21%.

1,6-3,0% , 2,5-5,1%

I.
: , 2002. – 208 . 2.
2010 / , 2005. – 80 .

**EFFICIENCY OF CALCAREOUS SALTPETER ON CHERNOZEMS AND CHESTNUT SOILS
OF THE CENTRAL CISCAUCASIA**

E.V. Bogatyreva¹, N.N. Shapovalova¹, E.I. Godunova¹, N.N. Krestjaninova²
¹Stavropol Research Institute of Agriculture, Russian Academy of Agricultural Sciences
ul. Nikonova 49, Mikhailovsk, Stavropol krai, 356241 Russia, E-mail: sniish@mail.ru
²Prikumskaya Plant-Breeding Experimental Station, Russian Academy of Agricultural Sciences
ul. Vavilova 4, Budennvsk, Stavropol krai, 356803 Russia

The effects of two ammonium nitrate fertilizers used as early-spring top dressings on the yield and quality of winter wheat in different zones of Stavropol krai were compared. An appreciable positive effect of calcareous saltpeter on grain quality parameters was revealed. It was found that the new form of nitrogen fertilizer was competitive in efficiency to the conventional ammoniac saltpeter.

Keywords: calcareous saltpeter, ammoniac saltpeter, top dressing, winter wheat.