

... , ... ” ... , ... ”

“ ”

28-32

+12,8-14,8

2005

2005

2006

2007

2-10 /

[5].

[3].

5 10-20

2005-2007

- 1².

0-20 (20 5,7%, - 0,35. 32 - /100 , - 5,9.

pos) (Carex pediformis). (Poa step-

(Elytrigia repens) (Carex

duriuscula) - 10-15

(Vicia nervata).

[4].

(2) [1].

: 1) (); 2) N₄₀; 3) 40; 4) N₄₀ 40; 5) N₄₀ 40 40; 6) N₆₀ 40; 7) N₆₀ 200; 8) N₁₂₀ 200; 9) N₂₇₀ 370-

(N), ()

() 40 370 . / .

20-25 (Galium verum), (Saussurea salicifolia), (Serratula centauroides), (20-25.08). (Veronica incana), (Artemisia commutata), (Myosotis imitata).

- 6,5

305 (12-16)

-25-35

7,7 / .
10,4 /

2005 .

54

3

(90

2005 .

0-20

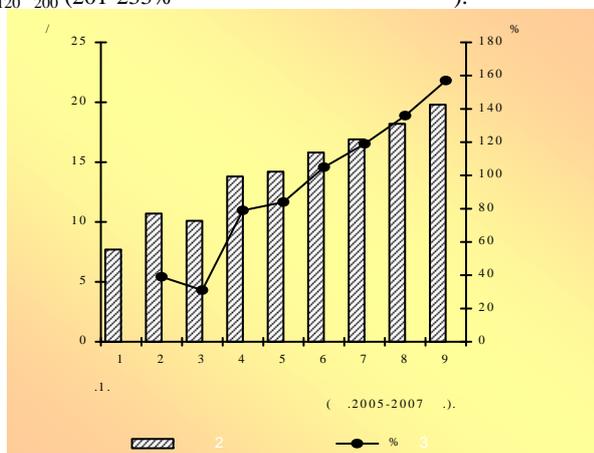
(7 /)

3
- 39%

N₄₀
(.).

N_{60 200},

N_{120 200} (201-233%



(157%)
N_{270 370},

[2].

6-8 [4].

2006 . 2007 .

6,5-6,2 / .

- N_{40 40}.

(30-40) , -15-20 .

1,9-2,9

N_{40 40 40}.

(. 1).

1.						
, %						
	N		205	20	++	g ⁺⁺
N ₄₀	1,22	5,48	0,25	0,84	0,72	0,38
N ₄₀	1,67	5,12	0,25	0,86	0,50	0,28
N _{40 40}	1,30	6,26	0,30	0,80	1,04	0,50
N _{40 40}	1,56	6,08	0,36	0,84	1,26	1,50
N _{40 40 40}	1,89	5,82	0,30	0,79	1,05	0,49
N _{60 40}	1,70	5,24	0,42	0,83	0,77	0,50
N _{60 200}	1,75	6,11	0,44	0,82	0,86	0,53
N _{120 200}	1,92	5,25	0,47	0,84	0,59	0,59
N _{270 370}	3,21	5,75	0,45	0,72	1,11	0,60

2 62 / 2 133 / 2 .

1,8 (. 3).

2.							
	2 5	2		-	N ₄ ⁺	N ₃ ⁻	
	%	/100	-	/100	/	/	
	0,35	2,63	7,65	25,5	40,3	3,8	15,0
N _{40 40 40}	0,36	3,03	7,23	28,0	45,0	7,7	16,0
N _{120 200}	0,42	5,28	6,75	30,1	47,0	12,4	28,0

3,5 .

3.						
	, / 2					
	-	-	-	-	-	-
	-	-	-	-	-	-
	29,8	18,0	5,6	1,2	6,5	0,9
N _{120 200}	53,6	62,5	5,4	-	9,9	1,6

31-157%

1.
1996. - 225 . 2.
248 . 3. , 1984. -
, 1985. - 351 . 4.
200 . 5. -2-
. , 2001. - 689 .

Effect of fertilizers on the productivity of pasture grass in the cryolithozone of the Transbaikalia

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Summary. The application of mineral fertilizers in the cryolithozone of the Transbaikalia is an efficient method for increasing the yield of grass, improving the structure and quality of pasture and sustaining the fertility of frozen soils at a high level.

Key words: cryolithozone, pasture, grasses, mineral fertilizers, productivity