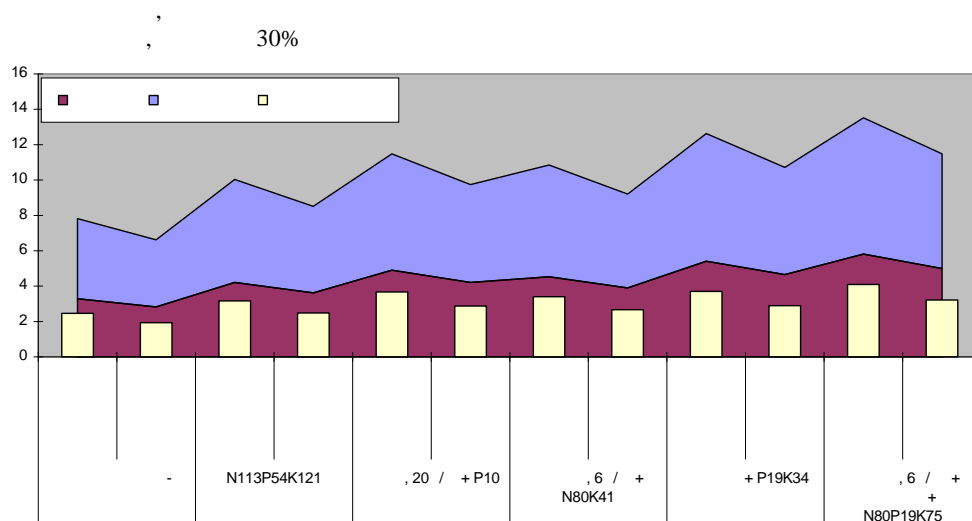


«
»
- 6 / .
2,0–8,8 , P_2O_5 – 6,2–17,4, K_2O – 12,3–
21,2 / .
:
NPK
– 108 2 (7,2 15), – 100 2
(7,0 14,3),
1,
C:N=10
[2].
(28213–91)
[4].
C:N=10
[2].
(
)
2007–2009 .
« »
(4,0–5,6 /100 = 0,71 +0,21.
(280–320 /100) 3,29
(1,5–2,0 /100). 5,81 / (05: 2007 . – 0,20; 2008 . – 0,22; 2009 . – 0,33
– 1,36 / 2 , – 3,3%, 0–20 /), 2,55 4,33 / ().
, 30 24%, (7,2).
: 1) ()
N_{113}P_{54}K_{121}; 3) , 20 / + P_{10} ; 4) , 6
/ + $N_{80}K_{41}$; 5) + $P_{19}K_{34}$; 6) , 6 / +
 $N_{80}P_{19}K_{75}$. [1].
77.
20,4 25,2 / , 20 / ,

70–80%

[3, 4].



(2007–2009 .)

, 314 311 / . 1,5–1,6

434 / (.).

(2007–2009 .)

		N (/) :							(/) :					- , / (±)
(/)	81,4	–	–	–	17,0	24,7	–56,7	142	62	–	–	–	62	–80
N ₁₁₃ P ₅₄ K ₁₂₁	112,2	–	113,0	–	17,0	29,9	+17,8	–	75	–	–	–	75	+75
,20 / + P ₁₀	130,8	113,0/0	–	–	17,0	35,0	+34,1	–	88	226			314	+314
,6 / + N ₈₀ K ₄₁	121,0	0/33,0	80,0	–	17,0	34,7	+43,7	–	87	–	224	–	311	+311
+ P ₁₉ K ₃₄	144,2	–	–	113,0	17,0	35,1	+20,9	–	88	–	–	113	201	+201
,6 / + N ₈₀ P ₁₉ K ₇₅	173,6	0/33,0	80,0	113,0	17,0	38,9	+108,3	–	97	–	224	113	434	+434

1. 434 6,06 .
2. 2010. – 18–23.
3. 1990.– 432 .
4. 1969. . 45–59.
5. 1977. – 103 – 111.
6. 2000. – 447 .

PREDICTING THE HUMUS BUDGET IN MEADOW-CHESTNUT SOIL UNDER WINTER WHEAT DEPENDING OF FERTILIZATION

G.N. Gasanov¹, S.M. Gasanova¹, S.A. Salikhov², M.M. Kadimaliev³

¹Caspian Institute of Biological Resources, Dagestan Research Center, Russian Academy of Sciences, ul. Gadzhieva 45, 367025 Makhachkala, Dagestan Republic, Russia

²Dagestan Stat Agricultural Academy, ul. Gadzhieva 180, Makhachkala, 367032 Dagestan Republic, Russia

³Dagestanskiy State Center of Agrochemical Service, pr. Akushinskogo, Nauchnyi Gorodok, Makhachkala, 367014 Dagestan Republic, Russia

The budget of humus in the meadow-chestnut soil under winter wheat in the Tersco-Sulakian subprovince was studied at the application of different organic fertilizers and the complete rate of mineral fertilizers.

Keywords: green manure, fertilizers, humus, soil, winter wheat.