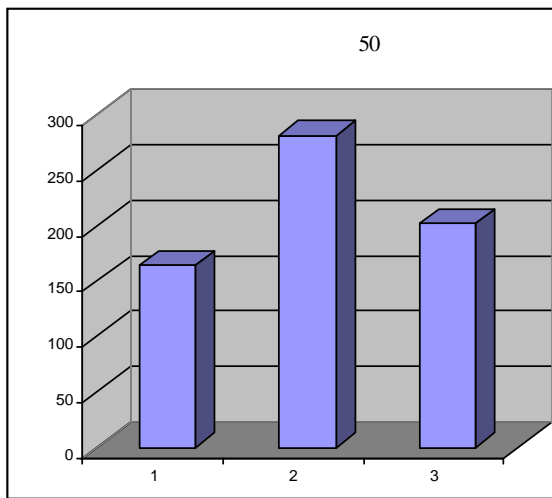
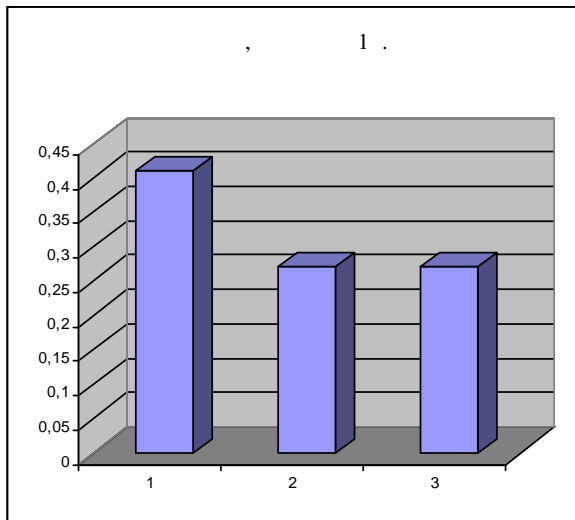
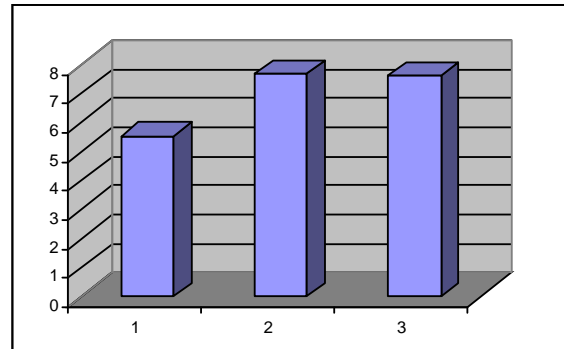


To remove this message, purchase the product at [www.SolidDocuments.com](http://www.SolidDocuments.com)



– 29,94  
21 – 31%  
[6],



2. 0-30  
1 (2008-2010):  
1 ; 2 –  
1 ; 3 – 2  
2008-2009 3,7  
/ 8,8%.

1. 0-30  
(2008-2010):  
1- ( ) ; 2-  
1 2 ; 3-

(N<sub>2</sub>)

1 281 50  
71%  
– 27,6  
1

[8]

1. 1978.- 4.- .57-63.  
2. 2010 – 8 – .14-19.  
3. 2002.- 6.- .66-71.  
4. 1978.  
5. 2.- .74-81.  
6. 2004.- .75-80.  
7. 1972.- 343  
– 2000. – 214

8. . . . . / // - : « » . . 1. -  
- , » , 2009. - . 111-113. -

# **CHERNOZEM BIOGENITY IN LEGUME CROP ROTATIONS**

**V.I. Turusov, T.I. Diachkova, V.M. Garmachov**  
**Voronezh Research Institute of Agriculture, Russian Academy of Agricultural Sciences**  
**Kvartal 5 81, Talovaya raion, Voronezh oblast, 397463 Russia E-mail: niish1c@mail.ru**

*An improvement in the nitrogen supply of soil under leguminous crops was shown in field crop rotations. Sainfoin was found to significantly enhance the nitrification ability and increase the population of azotobacter.*

*Keywords: chernozem, pea, sainfoin, nitrate nitrogen, microbiological activity.*

