

| | | | | | |
|------------|---|------|------|------|------|
| 1. (/) 1 | | | | | |
| (/) | | | | | |
| | | 2007 | 2008 | 2009 | |
| 93 | 3 | 1,60 | 2,95 | 1,02 | 1,86 |
| | 4 | 1,86 | 3,02 | 1,12 | 2,00 |
| () | 5 | 2,06 | 2,87 | 1,12 | 2,00 |
| | 3 | 1,61 | 3,42 | 1,03 | 2,02 |
| 1 | 4 | 1,75 | 3,60 | 1,08 | 2,14 |
| | 5 | 1,72 | 3,31 | 1,02 | 2,02 |
| 9 | 3 | 0,96 | 3,25 | 1,03 | 1,75 |
| | 4 | 1,45 | 3,33 | 1,06 | 1,98 |
| 23 | 5 | 1,22 | 3,23 | 1,07 | 1,84 |
| | 3 | 0,69 | 3,02 | 1,06 | 1,59 |
| | 4 | 0,87 | 3,16 | 1,19 | 1,74 |
| | 5 | 1,20 | 3,01 | 1,09 | 1,77 |
| 05 | | 0,21 | 0,25 | 0,11 | |

| | | | | | |
|-------------------|--|------|------|------|------|
| 2. 2, 2007-2009 | | | | | |
| , / , : - , - , - | | | | | |
| | | 2007 | 2008 | 2009 | |
| 93 | | 1,23 | 2,79 | 0,94 | 1,65 |
| | | 1,38 | 3,09 | 0,98 | 1,82 |
| 9 | | - | 3,21 | 0,89 | 2,05 |
| | | 0,85 | 2,74 | 0,85 | 1,48 |
| 1 | | 1,24 | 2,88 | 1,03 | 1,72 |
| | | - | 2,72 | 0,90 | 1,81 |
| 23 | | 1,06 | 2,86 | 0,94 | 1,62 |
| | | 1,20 | 3,12 | 1,02 | 1,78 |
| | | - | 2,97 | 1,02 | 1,99 |
| | | 1,16 | 2,88 | 1,12 | 1,72 |
| | | 1,36 | 3,18 | 1,18 | 1,91 |
| | | - | 3,26 | 1,27 | 2,26 |
| 05 | | 0,12 | 0,14 | 0,10 | |

... - 2007. - 3. - 5-6. 2. ... / ... , 2007. - 40 . 5. ... : 06.01.09. /
 ... , 1988. - 44-47. 3. ... / ... , -
 2003. - 380 . 4. ... - 11.- 46-47 // ... -2007.-

RESPONSE OF LOCAL WINTER WHEAT CULTIVARS TO SEEDING RATES AND BIOLOGICALLY ACTIVE SUBSTANCES

V.V.Balashov, K.V. Naboichenko

Volgograd State Agricultural Academy, Universitetskii pr. 26, Volgograd, 400002 Russia

Summary. The effect of different seeding rates and the preparations Rizoagrin and Biosil on the yielding capacity of the winter wheat cultivars Don 93, Archedinskaya 1, Volgogradskaya 23, and Volgogradskaya 9 under hydrothermal conditions of the zone of light chestnut soils of the Volgograd region was studied.

Key words: wheat, cultivar, yielding capacity, seeding rates, biopreparations.