

100 0.6 (- 86, - 82 / .

- 4,4 4,6 / .

6,3-7,0 / .

60 / .

(. 2),

56,

5,7 / .

38,9 / .

30 / .

1,5 .

4,4 / . - 7,2 / .

2.			
	(2006-2007 .)	(2007-2008 .)	
, /	38,9	27,4	62,6
, /	5,7	4,4	7,2
05, /	0,2	0,1	0,5

, 1978, 578 .

«

».

, 2003, . 88-91.

40%

», ., , 2000, . 230-242.

//

«

», - ., , 2008, . 115-118.

, 1992, 256 .

, 2003, . 161-168.

, 1990. 26 .

5,0; 2 - 25 / .
12,0-12,4%

11,4%

//

, 2006, 23 .

Incrustation of seeds by silicon materials

V.N. Kapranov, B.A. Suchenitsa

Agricultural Research Institute for the Central Nonchernozemic Zone, ul. Kalinina 1, Nemchinowka-1,
Odintsovo raion, Moscow oblast, 143026 Russia

Summary. Incrustation of wheat and barley seeds increased the yield of winter wheat by 0.3-0.8 t/ha and that of spring barley by 0.4-0.7 t/ha and decreased the infection by root rot by 40%.

Key words: incrustation, diatomite, tripolith, active SiO₂, siliplant.