

180 () , 120 10 200
 , 0,01 (:
 1) .

(. 3).

3.								
10	(1)		(2)					
	40		200		0,01		1	
	1	2	1	2	1	2	1	2
	6,03	5,73	4,20	4,99	7,11	8,77	5,27	5,52
	6,37	7,26	4,85	5,36	6,50	7,34	4,43	5,81

3,
 0,01 , 40
 120 . , 10
 7,11 ,
 1,08 18% ,
 40 .

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Acting Mechanism of the Preplant Pulse Irradiation of Seeds with Ionized Plasma
N.Ya. Shmyreva, Yu.A. Gordeev*
D.N. Pryanishnikov All-Russian Scientific Research Institute of Agrochemistry, ul. Pryanishnikova 31a, Moscow, 127550 Russia
*Smolensk State Agricultural Academy, B. Sovetskaya ul. 10/2, Smolensk, 214000 Russia, e-mail: j.a.gordeev@mail.ru

Summary. *The preplant plasma processing of seeds activated all vital processes and favored the better use of agricultural crop potential. An advantage of pulse irradiation over the permanent impact of ionized low-temperature plasma was noted, which resulted in higher crop yields at relatively low radiation doses.*

Key words: *seeds, plasma, pulse stimulation, new technologies, crop yield.*