

41

2.

(r)

	-	-	-			-
	(-)	(-)	(-)			

2006	2,12	2,12	2,38	1,61	0,99	3,72
2007	1,00	1,00	1,01	0,98	1,47	0,55
2008	2,47	2,47	2,50	2,38	3,34	1,58
2009	1,87	1,87	2,09	1,43	2,55	1,45
2010	0,72	0,72	0,86	0,93	0,50	1,23
C	1,56	1,55	1,62	1,45	1,61	1,58

(r)

	0,21	0,21	0,22	0,04	0,33	0,00
	0,06	0,06	0,06	0,00	0,27	0,10
	0,45	0,45	0,46	0,17	0,00	0,11
	0,04	0,04	0,05	0,01	0,00	0,09
	0,08	0,08	0,11	0,01	0,01	0,10

	0	0	0,02	0,08	0,35	0,59
	0,34	0,34	0,37	0,15	0,47	0
	0,24	0,24	0,26	0,03	0,09	0,11
	0,04	0,04	0,05	0,01	0,01	0,15

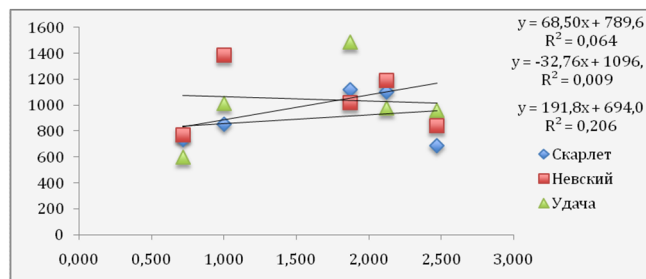
2008 ., -

2006 .

(1,56) – 7,5% (),
2010 ., 49% ().

(r)

0,45-0,46 (. .



(, /)
(,)

(r=0,33)

(r=0,27).

0,21 0,22.
(

. 1)

(r=0,34-0,47),

0,24-0,26.

(0,5-0,6)

(0,7-1,1)

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EFFECT OF CULTIVAR PLASTICITY AND HYDROTHERMIC COEFFICIENT ON THE YIELD OF POTATOES

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The yielding capacity of potato cultivars from different maturity groups was determined on the basis of data from the research station of the Kaluga Research Agricultural Institute for 2006–2010. Relationships between the yield of potatoes and the hydrothermic coefficient in different years and at different phases of the plant development were revealed on the basis of maturity groups and ecological plasticity of cultivars.

Keywords: potato, cultivar, yield, temperature, precipitation, hydrothermic coefficient, correlation coefficient.

