

,

... , ... , ... , ...

- 4-5 , (25 -  
- 5 ).  
- 4-  
- ,  
- ,  
- ,  
- ( . 1).

1.

	2005 .	2006 .	2007 .
	2188	1938	2119
, °C	2117	1896	2038
-	958	822	1049
-	930	790	1013

1,34 , 1 -1,2, 1,0

100

40

2005 2007  
2006

53° 57° [1].

1700–2500° , - 1880–2275,  
- 2100–2700° .

[2,6].

( . 2).

: 1800, 1900 2100° .

2006 .

III  
125–135  
10° 5–10 15–20

( . ) .

+12,2° +19,6°  
1800 2100° ,

4–8 ,  
30 , - 15

[2].

6

[3,4].

2.

( . 3, 4 : 1–  
2– )

2005–2007  
- 20–22 ,  
- 2,0–2,2% ( ),  
20–25 /100 , - 25–30 /100  
( ), - 5,6–5,8.  
194 ,

	2005 .		2006 .		2007 .	
	1	2	1	2	1	2
	5.05	5.05	16.05	16.05	27.04	27.04
	16.05	20.05	25.05	29.05	16.05	20.05
3	23.05	28.05	6.06	10.06	25.05	25.05
5	2.06	9.06	15.06	19.06	29.05	30.05
7	12.06	15.06	27.06	1.07	12.06	14.06
9	20.06	23.06	5.07	13.07	22.06	25.06
11	8.07	10.07	27.07	31.07	10.07	11.07
-	20.07	23.07	2.08	9.08	15.07	17.07
-	24.07	25.08	10.08	15.08	17.07	20.07
	29.07	29.07	17.08	21.08	22.07	25.07

-4,2.

15–20

	15.08	18.08	30.08	6.09	1.08	7.08
	2.09	5.09	15.09	—	20.08	25.08

[5].

( . 3).

3.

	2005–2007 .							
	2005 .		2006 .		2007 .			
	1	2	1	2	1	2	1	2
5	0,68	0,46	0,53	0,45	0,53	0,22	0,58	0,38
05	0,08		0,06		0,05			
9	26,08	23,13	26,74	16,85	23,19	22,71	25,34	20,90
05	2,48		3,64		1,98			
	28,90	27,94	29,52	20,58	25,65	24,40	28,02	24,31
05	2,81		4,72		3,04			
-	30,86	30,04	31,38	22,73	27,32	26,20	29,85	26,32
05	1,88		2,01		2,57			

9

2005–2007 .

4,44 . 2/

3,71 3,53 . 2/ ..

( . 4).

4.

	2005–2007							
	2005 .		2006 .		2007 .			
	1	2	1	2	1	2	1	2
5	0,6	0,6	0,7	0,5	0,5	0,5	0,6	0,5
05	0,07		0,07		0,06			
11	91,4	52,3	81,9	56,4	62,2	60,5	78,5	56,4
05	7,40		6,98		6,01			
	110,7	106,1	108,9	85,1	96,9	82,4	105,5	91,2
05	9,43		8,92		7,70			
	130,1	125,4	128,7	100,4	114,2	97,7	124,3	107,8
05	9,96		10,19		9,74			

, 2006 . 5

0,7 / , 2005,

– 0,5 / . 11

2006 2007 .

, 39,1, 25,5 1,7 / ,

1  
105,5 , 14,3 ,

( . 5).

, 34,4 16,6 / ,  
– 27,5 13,7 / .

5.

	2005 .	2006 .	2007 .	2005–2007 .
	39,20	40,90	23,00	34,37
	29,70	31,30	21,57	27,52
05	7,37	6,64	3,62	—
	16,80	19,20	13,71	16,57
	14,00	14,40	12,71	13,70
05	2,60	4,24	3,48	—

4–8

9,72 / .

1. , – 1965. – 751 . [ ] / . . – : .
2. [ ] / . . , 1977. – 10 .
3. . // . – 2005. – 1. – 2. – 8.
4. / . . . // . 1999. – 6. – 11–15.
5. , .

[ ] : . . . . . : / . . . . . : 1984. – 15 .

**GROWTH, DEVELOPMENT, AND PRODUCTIVITY OF CORN UNDER DIFFERENT FARMING PRACTICES IN THE NONCHERNOZEMIC ZONE**

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*The sums of active temperatures were compared to the sunshine duration for corn plants grown using the ridge and conventional planting techniques in the central region of the Nonchernozemic zone. The effect of cultivation technologies on the main development phases, the growth of leaf surface area, and the accumulation of corn dry matter was studied.*

*Keywords: corn, cultivation technology, ridge planting, development phase, leaf surface area, biomass accumulation.*