



(  
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,  
No-Till.  
. .),

[9,10].

[5].

[6,7,8].

( ) ,

212.

2012

283 , 2013

428

112

2014

232

-3-5

22-25 ,

75

90

-15,  
- 8.

0,43 - 0,9.

-4

23-25 ,

2 /

7

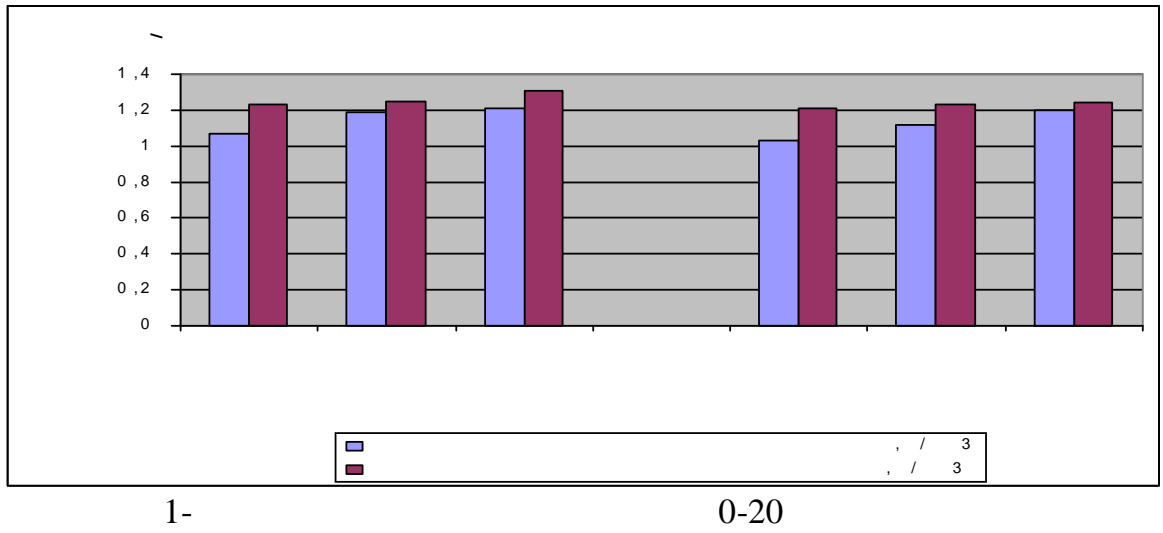
7

2

/ .

« - 1836»

1,03-1,07 / <sup>3</sup>( 0-30  
1).



1,21  
20-30  
1,25 / <sup>3</sup>  
1,20-1,21 / <sup>3</sup>,

1  
 ( )  
 1  
 0-5  
 46,3- 62,3%.  
 .( 1).  
 1 -

	%	, / 2	5
1	46,3	19	94,3
2	55,7	136	22,1
3	62,3	181	10,4
05	8,5	11,5	

9,4-16,6%  
 10,4 5 22,1  
 181  
 162 45  
 / 2  
 / 2

- 22,0 ,  
 23 64 % 42% - 30,3 34,6 .

[10].

,  
 ,  
 102 , 29 14 113 ,  
 25,7  
 ( 2). 20,2  
 2 -

	88	67	82	55
	113	76	86	49
	102	77	84	51
05	8,7	7,6	9,2	6,9
	94	60	88	67
	2			
	109	76	92	66
	113	74	89	69
05	7,3	7,1	10,9	8,3

15 19 ,

5,25-7,0 / 2,

( - henopodium album,  
- lappula

myosotis

- vena fatua,

( - chinochloa crus

galli, - Setaria

viridis).

:

(cirsium arvense),

( onvolvulus arvensis)

( uphorbia

virgata).

6,8 %.

86%

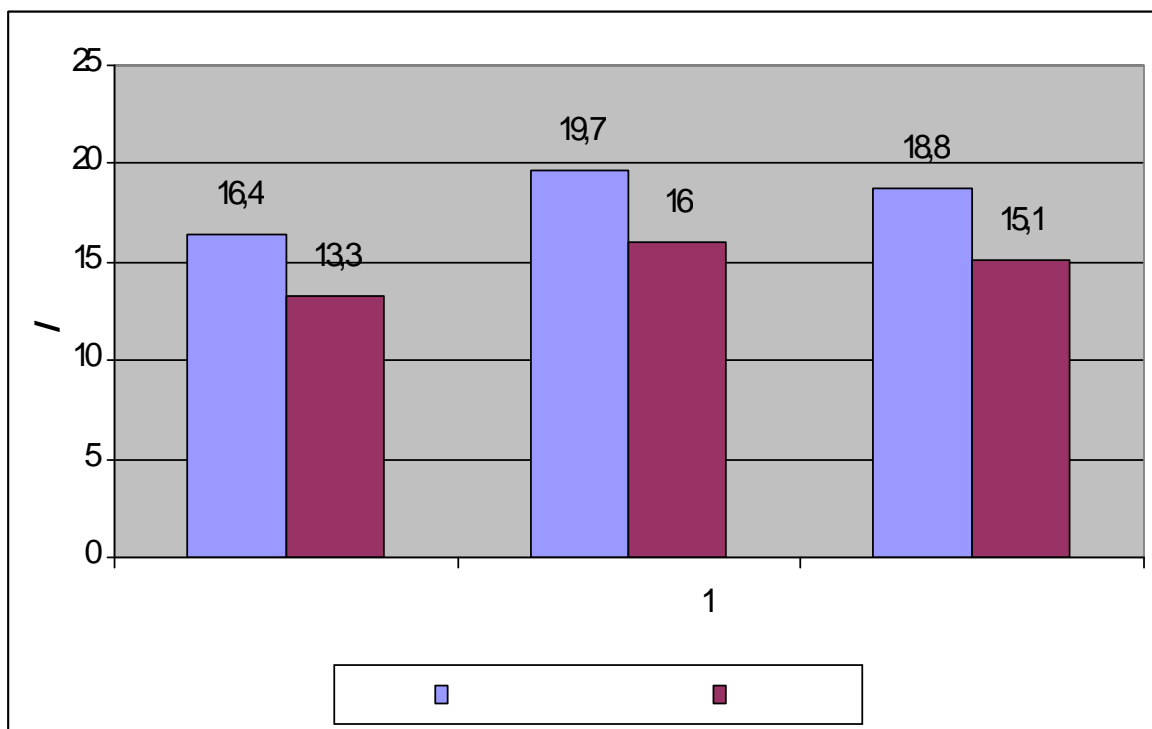
82%

(  
21,5 %).

5,3 - 8,7

3,3 2,7

( 2).



2-

2,4

1,8

/

26440-30407

1

24570

26,0 %

21,9

26807



- 33,8 %.

285,8 %

329,1  
226,7%

1  
2.  
1995. .18-19

//

.- 2006.- 1.- .12-13.

, 3,

3 . . . // . -  
2003. - 1. - .4-

4. 10 Fenster C. R. Potential and problems of ecofarming in drier environments.-Proceedings of Great Plains Agricultural Coneil , Nebraska, 1982. p. 55-58.

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7 . . , . . // .  
. . - . . «

8 . . , . . ».- , 2010. - .166-170.

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10 . . :  
// . - 2006. - 5. - .12-14.

11 // / , , 2007, 4. .17-18  
, . . . - ,1975. - 135 .

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, . 17-20

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, .

3,3 2,7 / , - 2,4 1,8 /  
329,1 285,8 %.

( )

: 3,3 2,7 / , 2,4 1,8 / .  
329,1 285,8 % .

### Summary

It is established that the minimum and zero technology of soil processing doesn't lead to its excessive consolidation. The minimum and, especially, zero processing of the soil due to bigger preservation of an eddish promotes to fuller accumulation of snow. Therefore to the crops in a meter layer of earth the productive moisture was collected for 17-20 mm more rather, than at traditional technology of processing of the soil.

The minimum and, especially, zero technology of soil processing owing to the raised lumpness in combination with a large number of an eddish almost completely exclude possibility of manifestation of a deflation.

Minimization of machining of the soil and even their complete elimination doesn't lead to essential increase in a contamination of crops.

The minimum and zero technologies of processing of the soil provided a reliable increase of a crop in relation to traditional technology: peas for 3,3 and 2,7 c/ha, chick-pea for 2,4 and 1,8 c/ha respectively. Thus profitability of grain production made 329,1 and 285,8%.