

(140,09)

(25,62)

3,4 (40,1%)
2,9 (34,9%)

188,72

- 147,35

127,08 41,78 - 118,03 33,66

300

1. ()			
0-150	2004-2006 .		
1	203,47	155,66	140,09
2	141,16	42,14	29,87
3	157,38	32,39	25,62
4	159,38	54,27	46,59
5	213,49	135,93	129,64
6	137,67	50,22	35,08
7	149,19	89,66	84,35
8	141,17	29,87	31,13
05	47,23	56,37	25,80

[1].

2004-

« 2006 »

13-14°

: 1)

; 2)

(. 2).

1980 ..

; 3)

; 4)

4,76 / .

; 5)

4,07 / .

(0,69 / .).

1980-1981

; 6)

; 7)

5 12 ; 8)

[2,3].

(. 1).

(213,49)

(137,67)

2. , / . (2004-2006)				
	/			
	1-	2-	3-	3
1	8,86	3,33	2,09	4,76
2	4,22	1,14	0,65	2,00
3	2,68	1,08	0,68	1,48
4	9,00	2,92	1,91	4,61
5	6,02	2,32	1,39	3,24
6	1,38	0,45	0,23	0,69
7	4,10	1,47	0,93	2,16
8	3,34	1,22	0,75	1,77
05	1,56	1,16	0,79	

3,39 / ,

2,11 / .

(155,66)

27-28

(29,87)

0,11-0,12 / ³

1. 1959.-283 . 2.

1986.-416 . 3. , 1973. 238 .

SOIL WATER RESERVES UNDER RAVINE AFFORESTATION AND THE WATER PERMEABILITY OF SOILS ON SLOPES

A.N. Kravchenko

Don Zonal Research Institute of Agriculture, ul. Institutskaya 1, Rassvet, Aksai raion, Rostov oblast, 346735 Russia

Summary. *Results of three-year-long experiments on the study of water content and water permeability of soil under forest plantations and on areas without woody vegetation were presented. Relationships of these factors with the presence of woody plants, forest litter, and bulk soil density were revealed.*

Key words: *afforestation method, water permeability and water content of soil, water reserve dynamics.*