

631.4

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4, 61024,
e-mail: tnlaktionova@ukr.net
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179
26 “

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[7]. , - , - .

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” [2, 3], “

2010 , .

[5], :

1) , , ;

2) (,), / ³; 3) , , ;

, %; 4) () , %; 5) -

- 0,25–10,0 , %; 6) ()

1 , %; 7) ()

1,0 0,001 , ²/ .

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’ , I. , .

[8, 9]. (1,1), .

), (, -) , () ; - 1:2 500 000 [6]. 1:1 500 000 MapInfo. () - . 1. 1

	(1:2500000 [6])	*	, %	
6 -	-	4,5	3,7	
	-	4,5	5,6	
	-	6,7	2,1	
	-	4,5	3,6	
	-	6,7	1,2	
	-	6,7	2,7	
10 -	-	4,5	33,0	
	-	6,7	1,0	
	-	6,7	13,9	
	13 -	- -	5	0,6
		-	6	1,0
		-	7,8	8,7
14 -	-	5	0,1	
	-	8	20,8	
	-	6	10,3	
15 -	-	7,8	14,9	
	-	6	1,6	
16 -	-	7,8	7,5	

* 1 - ; 2 - - ; 3 - ; 4 - ; 5 - ; 6 - ; 7 - ; 8 -

. 1, - 388, - 891. (11) -

(14) (15)

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1) : .1 ,

[5];

2) ;

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55 ,

11, 1:1 500 000

55 -

(11) -

() , 5,73.

281 : - 50,46,30, - 34,27,30,

- 180 . -

3,88. . (3,88)

() (5,73) , 68 % ,

. 2 ,
 2 %

2
 (11)

(n)	55	49	42	40	14	14	45	-	-
(t)	54,0	1,52	12,9	34,8	83	50,5	15186,4	-	-
(1,1 t)	59,4	1,67	14,2	38,3	91,3	55,5	16705,1	-	-
-	0,69	0,29	0,37	0,7	0,75	0,3	0,70	3,8	66
-	0,91	0,48	0,7	0,91	0,91	0,91	0,91	5,73	100
281	42,0	1,18	10,5	25,3	61,7	24,9	13841,0	-	-
281	0,71	0,29	0,26	0,66	0,68	0,45	0,83	3,88	68

()

, %.

(. . 3).

50

- 60

- 37,30,00,

- 47,05,25,

5,56, 61 %, - 3,42, (- 64 %), 3 (13)

					(0,25-10), %	(> 1), %			
(n)	56	54	50	51	34	34	41	-	-
(t)	58	1,43	17,8	40,4	93,3	51,3	22 033	-	-
(1,1 t)	63,8	1,57	19,6	44,4	102,6	56,7	24 237	-	-
-	0,65	0,27	0,35	0,67	0,7	0,17	0,77	3,58	64
-	0,91	0,43	0,58	0,91	0,91	0,91	0,91	5,56	100
50	35	1,07	13,9	29,6	60,9	6,9	21 555	-	-
50	0,55	0,32	0,29	0,66	0,59	0,12	0,89	3,42	61

(. . . 4),

. 4,

№	Група (масштаб 1:1500 000)	Середнє значення, %	Мінімальне значення	Максимальне значення	Коефіцієнт варіації, %	
6	6 –	4,5	2,75	3,49	79	
	7 –	4,5	3,88	5,29	71	
		6,7	4,26	5,62	76	
	8 –	4,5	3,75	5,57	72	
		6,7	3,28	3,93	83	
	10 –	6,7	2,48	3,38	73	
11	11 –	4,5	3,80	5,73	66	
		6,7	3,80	5,52	69	
	12 –	6,7	3,76	5,33	71	
	13 –		5	4,42	5,41	82
			6,7	3,58	5,56	64
			8	4,06	5,37	76
14 –		5	4,33	5,79	75	
		8	3,87	5,32	73	
15 –		6,7	3,81	4,86	78	
		8	4,25	5,15	82	
16 –		6,7	4,28	5,16	83	
		8	3,77	5,22	72	

* 1 – ; 2 – ; 3 – ; 4 – ; 5 – ;
 6 – ; 7 – ; 8 –

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REGISTER OF STANDARD PARAMETERS OF SOIL PHYSICAL QUALITY FOR ARABLE LAND OF UKRAINE

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The algorithm has been developed and creation of the register for standard physical parameters of the mane arable soils has been started on the basis of a multipurpose database of relational type “Ukrainian soil properties”. Soils are positioned in space of provinces of nature-agricultural zoning of Ukraine. The purpose of work is an estimation of soil physical quality. Calculations of the integrated index of soil physical quality are carried out according to the way developed by authors. The method is based on definition of soil physical quality on 7 basic physical properties. Nature-agricultural zoning is a spatial basis, and a province – the smallest spatial unit. Soil physical quality for different types has been compared in borders of each province by relative criteria.

Key words: soil physical quality index; standard; nature-agricultural zoning; province.

