

... , ... , ... , ... " " , (.)

1987 . 1990 .
 (.) : - 1648, - 896,7, -
 - 725,2, - 691, - 390,5.

1996-1998 .

Mineral fertilizers - one of the rising, most reacting an agent, of productivity of agricultural cultures and influence on their quality. If in a near future the special attention to production and realization of phosphorus of keeping fertilizings will not be given, the productivity of agricultural cultures catastrophically will decrease.

185 . 1 ,
 [1]

13,3% 2 5.
 , (% .): - 31,0; 2 5 - 5,88; SiO₂ - 27,02;
 Al₂O₃ - 3,26; Fe₂O₃ - 4,97; MgO - 1,27; K₂O - 2,05; Na₂O - 0,17; CO₂ - 16,84;
 F - . . ; (% .): - 23,06; 2 5 - 13,3; SiO₂ - 35,98;
 Al₂O₃ - 2,79; Fe₂O₃ - 8,24; MgO - 2,3; K₂O - 3,26; Na₂O - 0,35; CO₂ - 3,59;
 F - 1.13.

, %: 18-22; - ~ 25; - 30-35;
 - 15-20; - 5-7;
 : 1-2.

1,00 / . NO₃ 10-100 - 0,05-
 1000—2500 /
 5-25 /
 (12-15 2 5 1)

[2]

()

2

10 / ,
100 / ,

[3]

2-8 / ,

10

0,01 0,1 / . [1]

1

125 /

[4],

1

	« » 24.1-14005076- 065-2003 [1]	[4]	-
	<12	0,4-190	<10
	<18	0,01-122(- 90 / ; - 90 / ; - 66 / ; - 44 / ; - 44 / .	<1,0
	<15	1-100	2,0
	-	1000-2000	100

1

[5]

2 [6].

2 5

	P ₂ O ₅	As	Ba	Cd	Ni	Pb	Zn	Mn	Sr	F
C	200000	5	260	0,8-2,1	30	2-6	12-15	67	-	8000
	49000	3-26	546	0,4-3,5	7-24	2,6-21	19-40	768	2000	8000
	51000	4-12	31	2-5	5-9	6-20	9-128	272-990	9-1000	10000
	52000	18,4	1,8	-	27	17	5	226	6	1000
	-	-	-	0,3	0,9	0,3	0,5	-	-	-
	-	-	-	1,3	11,0	10,5	31,1	-	-	-
	-	-	-	1,0	4,3	5,0	7,6	-	-	-
	-	-	-	1,3	73,6	30,0	81,0	-	-	-

(~16 % P₂O₅)

: 1.

“ ” , 2004 - . 189. 2.

“ ” , 1999 - . 329. 3.

“ ” : 1997 - . 290. 4.

“ ” , 1989 - . 439. 5.

“ ” . 2, 9

- 2005 - . 453-462. 6.

“ ” (.) , . XLIX, 2005 - 3 - . 20-25.