

$$(135, 180)$$

-137.

2-  
60 . /  
4,9-5,9 ,

<sup>137</sup> S

(N<sub>60</sub>)

(N<sub>60</sub>).

1:2)

( 135, 180)

-137

180)

( 120)

( 135,

( , )

( )

( , )  
-137

( )

;  
)

<sup>137</sup>Cs ( / )

( . / )

N<sub>60</sub>P<sub>90</sub>

: = -3,97 + 547,67,  
0,82;

<sup>137</sup>Cs ( / )

)

N<sub>90</sub>P<sub>120</sub>

: = -1,21 + 247,89,  
0,70;

<sup>137</sup>Cs ( / )

)

N<sub>60</sub>

: = -3,29 + 459 ( . ),  
0,85;

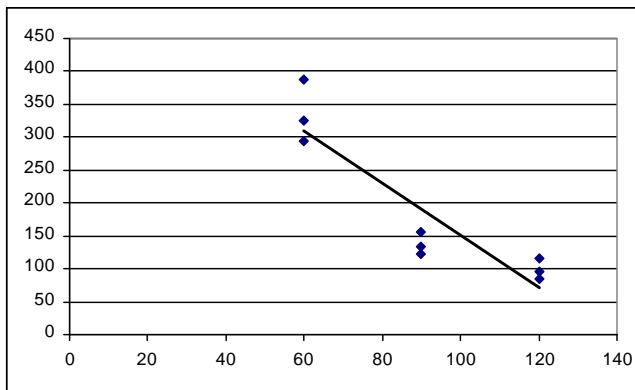
<sup>137</sup>Cs ( / )

)

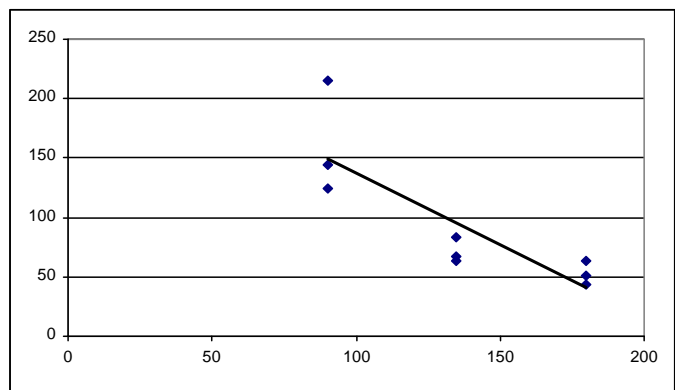
N<sub>90</sub>

: = -1,11 + 233,67 ( . ),  
0,65

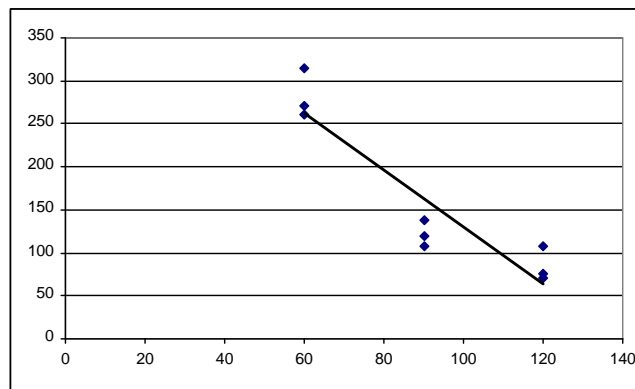
( . / )



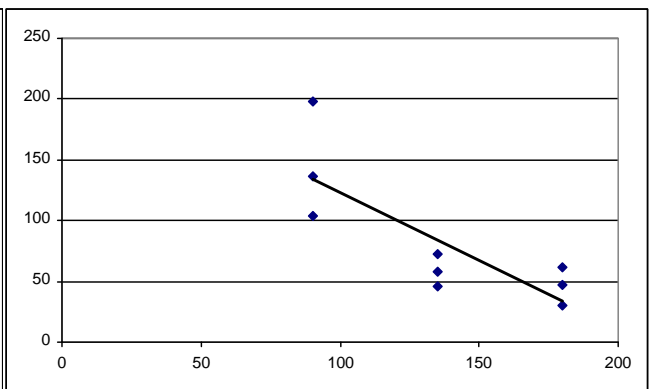
)



)



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<sup>137</sup>Cs ( / )

( . / )

),

(

( . 13.5.13/06-01),

-137.

: ) 113 . /  
N<sub>90</sub>P<sub>120</sub>; ) 110  
N<sub>90</sub>.

N<sub>60</sub>P<sub>90</sub>; ) 123  
N<sub>60</sub>; ) 120 . /

( . 2).

				1994 – 2007 /							
				,5 /							
1		2		3		1		2		3	
1-											
		52	63,7	612,5	71	58,8	414,0	69	50,8	368,0	
90 60		128	30,6	119,5	150	25,2	84,0	156	24,0	77,0	
N <sub>60 90</sub>	60	293	113,7	194,0	327	106,6	163,0	331	97,6	147,5	
	90	267	41,7	78,0	304	40,7	67,0	307	37,5	61,0	
	120	253	29,3	58,0	319	30,3	47,5	308	25,9	42,0	
N <sub>90 90</sub>	90	324	69,7	107,5	355	51,1	72,0	350	43,4	62,0	
	135	288	23,9	41,5	341	22,8	33,5	349	22,3	32,0	
	180	298	18,8	31,5	348	17,7	25,5	343	14,7	21,5	
2-											
		24	25,5	532,0	30	21,3	354,5	31	20,3	328,0	
60		55	10,8	98,0	65	7,9	60,5	64	8,6	67,5	
N <sub>60</sub>	60	132	35,8	135,5	147	46,3	157,5	143	37,3	130,5	
	90	109	15,0	69,0	137	16,3	59,5	124	13,4	54,0	
	120	110	11,9	54,0	138	10,5	38,0	133	9,4	35,5	
N <sub>90</sub>	90	132	26,1	99,0	159	21,6	68,0	158	16,4	52,0	
	135	119	8,7	36,5	149	8,6	29,0	149	6,9	23,0	
	180	122	7,4	30,5	151	7,1	23,5	145	4,4	15,0	
1- , / ; 2- , / ; 3- , /											

76 /

– 100 / , . .

24-25 / .

– 101

2.3.2.1078-01,

N:P:K 1:1,5 1:2.

1. . . . . <sup>137</sup>Cs

2. . . . .

– 1992. – 8. – . 127-137.

– 137

1:1, – 2. – . 3-11.

3. . . . .

4. . . . .

– 2004. – 6. – . 74-82.

<sup>137</sup>Cs

N<sub>60 90 60</sub>, N<sub>60 60</sub>

// . – 2009. – 11. – . 50-56.

5. . . . .

1999. – 187 .

6. . . . .

( . . 13.5.13/06-01)

( 135, 180)

( 120)

N: P: K = 1 :1,5 : 2,

1 : 1,5 : 1,5.

N:P:K 1:1,5:1,5 1:1,5:2

<sup>90</sup>Sr <sup>137</sup>Cs.

13.5.13/06-01 //

2002. 4. . 44-45.

2.3.2.1078-01. . . , 2002. 164 .

## EFFECT OF POTASH FERTILIZERS ON THE CONTENT OF CESIUM-137 IN GREEN WEIGHT OF NATURAL FORAGE LANDS UNDER SURFACE IMPROVEMENT

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*Laws of changes in the content of cesium-137 in forage and cattle milk long after the Chernobyl accident were analyzed. It was shown that the application of increasing rates of potash fertilizers reduced the input of radiocesium to fodder and livestock products. It was established that higher application rates of potassium leveled the effect of nitrogen and phosphorus at the N : P : K ratio of 1: 1.5: 1.5.*

**Keywords:** potash fertilizers, forage lands, cesium-137, green weight of plants, milk.