

9 , - 2 .  
18-44 / .

46-126, 34-82, 11-

32 /

( )

23-34, - 13-17, 3-6 / ( ).

1. , . : - .//  
.1999.- .1

2. , . -  
.//

3. : . / ,2001.- .20-21.  
. - .1989.-317 .

581.14

**MONARDA**

• ” • •  
• • ,

( ) ( ) , -

*Monarda*.

(10-8%),

– (10-8%).

**Summary.** The article discusses the effect of different concentrations of homobrassinolide (GB) and emistin C (EMC) on the sowing seed's quality, growth processes and accumulation of secondary metabolites in plants of the genus *Monarda*. It has been found that the most effective impact on the agronomic quality of seeds has EMC (10-8%), while the accumulation of flavonoids and phenolic compounds has GB (10-8%).

2011-2014

*Monarda*,

[1].

(*Monarda fistulosa* L.),

(*Monarda citriodora*)

(*Manarda didyma*) –

(*Laminaceae* Lindl.).

20

(

),

15-20- 3-4 20-25  
 -3-5°  
 5 [2].  
 , *Monarda fistulosa* L.,  
 «  
 ».

3- -  
 Excel.  
 + ( ),  
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 ,

[3].  
 -  
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 , ( ) ,  
 ,  
 ( ( , .)  
 ( , ,

[4].  
 ( ): -1 (10<sup>-4</sup>%), -2 (10<sup>-6</sup>%), -3 (10<sup>-8</sup>%) (10<sup>-8</sup>%).  
 , - , ( )  
 : NH<sub>4</sub>OH, 2%

		NaOH, 5%		AlCl <sub>3</sub>	-
		Rf.			-
		:		-	-
		„	-		[5].
					-
		<i>Monarda fistulosa</i> L.			-
					-
			2011		-
6156,2	%,	2012	- 4702,1 %,		-
		2012	3969 %.		,
					-
		[6].			
			(		
)					<i>Monarda</i>
<i>citriodora</i>				118%	-
				-1, -2, -3	-
		1,1; 1,3	1,2		-
					-
				-1 -2	
				207% 294%	
				-1, -2	-3 5, 3
5				C	-
					[7].
					-
(10 <sup>-8</sup> %)					-3
		0,48705	/	2,72798	/
		(10 <sup>-8</sup> %)			
1, 98					
				1,5	-
					-
		<i>Monarda fistulosa</i> L.		-3 (10 <sup>-8</sup> %)	(10 <sup>-8</sup> %)
					-

