

( ) = ( ) . – 2015. – 2 (85). – .51-57

-

” ”

6

6

( <0,05).

( ) ( 80 )

20

18

1999  
19,5%

70

[2].

6%.

2020

25

[1].

[3].

[5].

[4].

( )  
( )

« »

«Animal Breeding Services»

38-40°  
15-20

[6] Evans, Maxwell  
«

»

2014

2012-

2014

6

30

2012

2013

30

2012-2014

, 1, 2, 4 6

(n=3;)

6

n=3;

6

Statistics 17.0

SPSS

-57-

«Eleps»

2%

1 6

150-50/100

1-

1- -

	2011		2012		2013	
	30	30	30	30	30	30
	28	17	26	21	28	16
, %	93,3	56,6	86,6	70,0	93,3	53,3
	33	20	30	24	32	19
, %	117,8	117,6	115,4	114,3	114,3	118,7
	29	18	27	20	28	17
-	4	2	3	4	2	4
, %	87,8	90,0	90,0	83,3	89,5	83,3

: - -

2012  
3

c : 59,96%(54/90)  
115,4%

(Malmakov N. -  
44,9% (135/301); Anel  
- 47,5%  
(33140/69768); Fukui  
- 56,0% (56/100) [7,8,9].

(P <0,05).

91,06 115,8%.

3

88,56%; - 88,44%,

2- -

-	n	,	,	,	,	,	,
	30	0	4,5±0,42	37,4±1,41	30,8±1,23	38,7±1,04	5,4±0,26
×	30		4,9±0,34	38,9±1,43	32,0±1,17	38,8±1,45	5,8±0,31
	30	1	12,4±1,26	46,3±1,87	44,3±1,48	51,3±1,05	6,4±0,26
×	30		13,7±1,36	48,8±2,22	48,2±2,36	52,6±1,86	6,5±0,57
	30	2	18,1±1,42	55,7±2,36	52,6±1,65	64,9±1,35	6,5±0,37
×	30		20,6±1,44	52,0±1,63	52,4±2,05	66,4±1,88	6,5±0,47
	30	4	30,5±1,94	64,2±1,20	65,7±1,44	75,5±1,24	7,4±0,86
×	30		32,8±1,86	62,0±1,96	61,1±1,02	78,9±1,84	7,5±0,91
	30	6	36,4±1,71	65,2±1,21	66,3±1,49	80,3±2,15	8,1±0,25
×	30		38,3±1,47	63,0±1,63	64,2±2,05	79,3±2,66	8,0±0,41

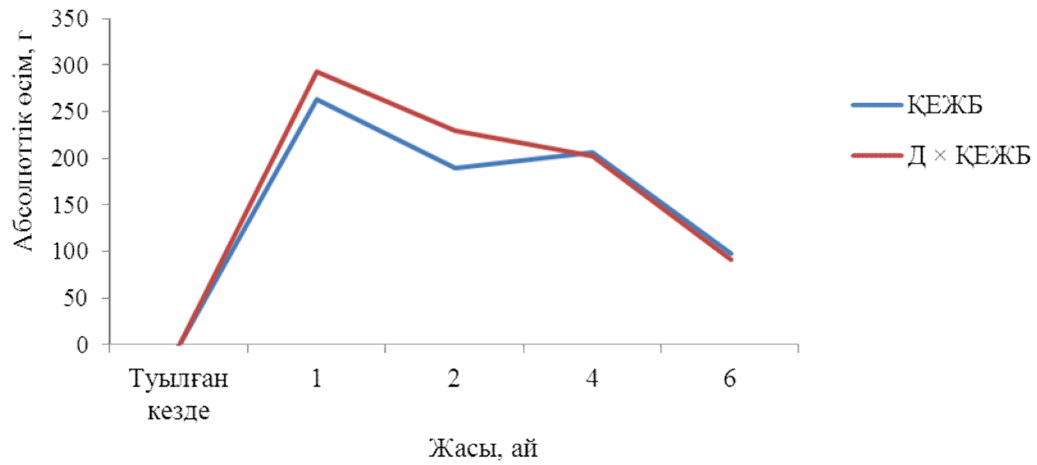
: - - ; × - ;

4-

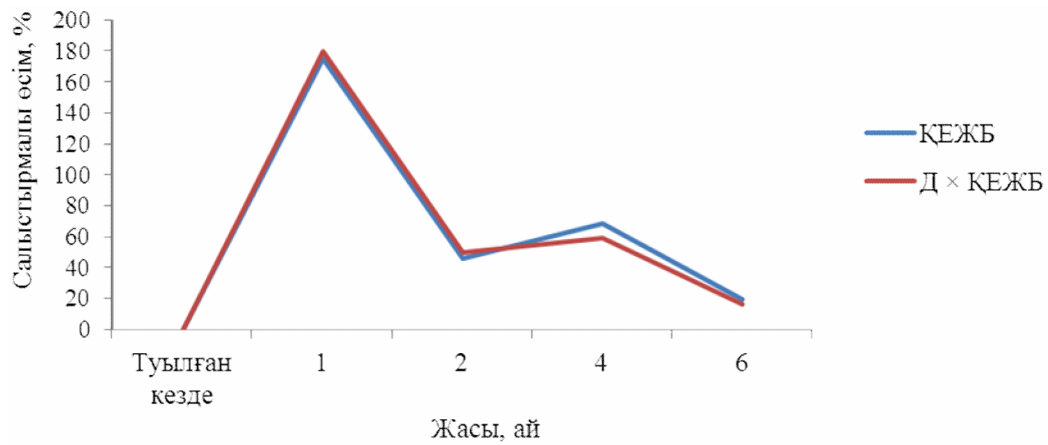
50%

>0,05).

1,2-



1- —



2- —

175,55; 179,58; 2- — 45,96; 50,36;  
 4- — 68,55; 59,22; 6- —  
 19,34; 16,76% .

: 1- —  
 — 263,3; 293,3; 2-  
 — 190,0; 230,0; 4- — 206,66;  
 203,33; 6- — 98,3; 91,66 .

( n=3; ×<sup>6</sup> n=3)  
 (3- ).

(P <0,05).

(P <0,05).

3- -

					-, %
	n		n	×	
,	3	38,53±1,24	3	39,46±1,12	+2,41
,	3	16,90±0,63	3	18,62±0,47	+10,18
, %	3	44,24±1,10	3	47,18±0,15	
,	3	20,90±0,89	3	21,70±0,49	+3,82
, %	3	54,23±0,92	3	55,03±0,71	
,	3	13,68±0,31	3	15,13±0,30	+10,59
,	3	3,37±0,25	3	3,63±0,21	
,	3	3,85±0,44	3	3,42±0,13	-11,16
,	3	0,13±0,05	3	0,11±0,06	
,	3	0,43±0,14	3	0,43±0,18	
, <sup>2</sup>	3	15,65±0,43	3	17,05±0,37	+8,95

( >0,05).

, « - »

- 1 . . . . . //
- 85- . . . . . , 2014.
- 162-170.
- 2 . . . . . // -
- « , , » 1 2013. 2013. 32-34 .
- 3 . . . . . : ,
2005. – . 68-71
- 4 . . . . . //
- 85- . . . . . , 2014.
- 264-269.
- 5 „ „ .
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- 6 Evans G, Maxwell WMC. Salamon's artificial insemination of sheep and goats. Sydney, 1987. Butterworths
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- . 4;126-131 p.
- 8 Anel L, de Paz P, Alvarez M, Chamorro CA, Boixo JC, Manso A, Gonzalez M, Kaabi M, Anel E. Field and in vitro assay of three methods for freezing ram semen // Theriogenology 60. 2003, 1293-1308.
- 9 Fukui Y, Kohno H, Okabe K, Katsuki S, Yoshizawa M, Togari T, Watanabe H. Factors affecting the fertility of ewes after intrauterine insemination with frozen-thawed semen during the non-breeding season // J Reprod Dev.56: 2010. 460-466.

« - »



## **Summary**

In conditions of "Batai-Shu" LLP breeding farm in Zhambyl region crossbred lambs were first obtained by crossing cryopreserved semen of the imported sheep breeds of Poll Dorset and ewes of Kazakh meat and wool producing breed. These results indicate that the genetic backgrounds were introduced into Kazakh meat and wool producing sheep; content of visceral and intramuscular fat of crossbred male lambs is low, and the rate of pure meat is improved. Dorset lambs give a good foundation for growing a new type of Kazakh meat and wool producing breed. In the future, the obtained crossbred lambs of different generations will be grown under the supervision and serve as a basis to breed a new type of Kazakh meat and wool producing breed which meat productivity will be significantly higher than the original purebred breeds.