

SEXUAL ACTIVITY OF KARAKUL SHEEP OF DIFFERENT AGES

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ABSTRACT:

The systematic use of only highly productive rams for mating, which transfer their valuable qualities to the offspring well, is the most important condition for improving the qualitative composition of the herd and increasing its productivity.

The use of animals at an early age is of great importance for the rapid change of their generations and acceleration of the pace of breeding work. This work is devoted to the study of the sexual activity of rams of different ages.

Keywords: ram, sexual activity, reproduction, reflexes

MATERIALS AND METHODS:

In order to study the sexual activity of rams of different ages and colors, an experimental (first group) and control (second group) animals were formed. The first group included 7-month-old black and harsh rams. The second (control) group included 1.5-year-old adult rams. A group of 7-month-old rams was purposefully prepared for the breeding company. For this purpose, a selection of rams was made from the groups of early spring lambing in the amount of 9 heads. To prepare for the breeding company, additional feeding of the animals was made. Top dressing was carried out starting from 3.5 months of age. Studied the sexual activity of rams of different ages and colors. The studies were carried out in the conditions of the farms of the Samarkand region of the Republic of Uzbekistan.

RESULTS AND DISCUSSION:

An important point for determining the breeding value of a ram is its sexual activity. The reason for the decrease in sexual activity may be a low level of feeding (insufficient supply of animals with energy and protein, vitamins A, E and minerals). It is quite natural that it is necessary to change the diet and provide producers with adequate feeding.

In some cases, breeders who are good at natural insemination will suddenly become reluctant to ejaculate into the artificial vagina. The reason for this may be errors in the technique of obtaining semen: improperly mounted vagina, very high or too low temperature, incorrect pressure, etc. Changes in the situation in the arena where the semen was guarded can also cause inhibition of the sexual reflex.

Young under-active producers should be developed with special care and tact. For sexual arousal, several queens are admitted to them with a well-manifested desire. If in this case they turn out to be inactive, then it is recommended to let active producers along with the queens.

It has been established in practice that it is advisable to check the rams after beating for sexual activity, taking into account higher nervous activity. research. [five; c. 12], [4; c. 7-19], [2; c. 3-19].

As for the timing of the assessment of rams by sexual activity, the most acceptable should be considered the age of 7-10 months. This is due to the fact that at this age this trait most clearly correlates with the live weight and the perimeter of the testes, which can serve as important landmarks in assessing the sexual behavior of rams. [one; c. 34-38].

As for the optimization of the timing of the assessment of rams by sexual activity, the most acceptable should be considered the age of 7-10 months. This is due to the fact that at this age this trait is positively correlated with the live weight and the perimeter of the testes. In turn, these indicators are important criteria in assessing the sexual behavior of sheep. [3; c. 21-27].

The use of sexual training (hereinafter training) significantly increases sexual activity in most animals, both with the absence and with the presence of sexual reflexes identified during the initial assessment of the animals. All this indicates the need to use training for all young males, regardless of their preliminary assessment of sexual activity.

Consequently, the manifestation in rams of a full complex of sexual reflexes to ewes during hunting, in a hospital environment, can be accelerated by the preliminary keeping of these animals on a pasture together with ewes in a state of sexual heat.

Determination of the sexual activity of breeder rams is of great theoretical and practical interest, since it is not uncommon for rams to register inhibition of the sexual reflex during the breeding period. As a result, some animals, incl. genetically best individuals are not used in mating, which makes it difficult to successfully conduct artificial insemination of ewes, and the effectiveness of their use decreases.

Taking these circumstances into account, during the experiment we used only rams with a live type of IVI, which were successfully used in the breeding campaign. In our experiments, the rams began to show sexual activity relatively early and rather vigorously. They violently showed the penis erection reflex, then actively tried to show the subsequent sexual reflexes - attentive and copulatory. Attempts to them were gradually consolidated through

persistent cages on peers. Quite quickly, these cages began to form the sperm ejaculation reflex. In the breeding season, the rams easily went to the artificial vagina. Our research data is shown in the following table:

Table 1 Sexual activity of rams of different ages and colors

Indicators	Bospacr		
	7-month-old	1,5 year-old	2,5 year-old
Sheep with black colour			
Landing frequency during the control time (3 hours)	4,22	7,72	10,20
Time spent on 1 cage, sec	47,3	35,11	32,0
The number of jumps before ejaculate discharge	2,85	1,80	1,60
The severity of sexual reflexes, score	3,95	4,52	4,79
Sheep with harsh colour			
Landing frequency during the control time (3 hours)	4,17	7,15	9,81
Time spent on 1 cage, sec	48,1	38,44	34,00
The number of jumps before ejaculate discharge	3,06	1,81	1,65
The severity of sexual reflexes, score	3,80	4,22	4,74

As you can see, from the data in the table, young black rams are not inferior to adult rams in terms of sexual activity. In terms of the time spent on one cage, young rams are inferior to one-and-a-half-year-old rams by 9.66 seconds, and 2.5 years old to 15.3 seconds. In terms of the number of jumps before ejaculate, they made more attempts than 1.5 years old by 1.25 and 2.5 years old by 1.41. Severely colored rams are also inferior to those of adult rams in terms of sexual activity. The fact is that with age, indicators of sexual activity begin to improve. It shows. that the early use of rams has a stimulating effect on the development of indicators of sexual activity.

Similar indicators were noted for the group of severely colored rams. Based on the results of the study, we can conclude that in connection with age, the indicators of sexual

activity improve. But these differences are insignificant. With the appropriate level of feeding and maintenance, the rams of all groups showed an adequate level of sexual activity.

Research data show that it is advisable to set young rams in terms of the quality of offspring at an early age, since the detected difference between rams is small.

In the process of further breeding service, the rams showed the proper sexual activity characteristic of the breed.

CONCLUSIONS:

In karakul breeding, full and uniform feeding, proper care and good maintenance, you can achieve the maximum manifestation of the sexual activity of rams.

Testing the breeding performance of animals convinced us of one more circumstance. Early use of rams does not lead to a decline in their sexual activity at an older age. They do not reduce it, but increase it.

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