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Expression of Flower Types and Specific Flower Characteristics in Surkhondaryo Sur Korakol Lambs

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Abstract: This the article presents the results of studies on the distribution of color and flower types in lambs of the Surkhandarya breed type.

Key words: Varieties, types of flowers, Semicircular pendulous, scaly, flat.

Cattle-breeding network, which has a special place in the cattle-breeding of the whole world, especially the Asian nations and the CIS countries, allows for efficient use of desert pastures characterized by severe extreme conditions. Cattle farming, like other branches of livestock breeding, supplies raw materials necessary for production and quality food products to the population. The role of the industry in providing employment and income to the inhabitants of the desert region is incomparable.

Karakol sheep are more productive than other agricultural animals, and the diversity of the obtained products indicates that these sheep have a wide genetic potential. Sur skins have a special place among black leather, which is considered their main product. Sur skins are distinguished by the antiquity and uniqueness of their colors. Surkhandarya breed type Sur Karakol sheep are considered to be a separate gene pool, and the transfer of color from generation to generation depends on genotypic and external influences.

Although few scientists have worked with Surkhandarya Sur sheep, significant work has been done in this regard. Bronze in breed type silver , platinum brown , brown , anthracite and yellow brown Sur patterns are created

Bronze sur - wool of fibers bottom part each different fullness brown , ends open bronze in color

The bottom part of platinum sur-wool fibers is dark brown or black, and the tips are flowing or pink.

Amber sur - wool the bottom of the fiber part brown tips part black , tips reading ;

Anthracite (shiny charcoal color) sur - wool of fibers bottom black , tips reading ;

Yellow brown sur-wool of fibers bottom part hungry brown , ends smart yellowish (sandy) [6].

[4 .] According to his data, in addition to these colors, there are also golden and sandy colors.

The expression of the color of the sur is determined by the fact that the color of the sur makes a clear impression on the surface of the lambskin. It is considered one of the main selection

indicators that shows the breed of lambs and the market value of the product. Low color rendering fig of color appearance weakens , as a result of sheep pedigree and of the product qualitatively value decreases . That's it point of view from the point of view this of the sign note done importance justified and selection in the process to him attention to give must [1; 4] .

"Barra type is a collection of barra skin characteristics, the main of which is formed in connection with a certain flower size, length, accuracy of location and pattern, quality of wool-fiber cover, and the development and constitution of the animal. pen is the shape and type of flowers. In the initial stages, in the development of a new system of classification of black sheep by barra types, the main goal was to increase the production of black sheep skins of the jacket (semi-circular pencil) group [2] .

The purpose of the study. Studying indicators of color and distribution of flower types in Surkhandarya Sur Karakol lambs.

Research methods. Researches were carried out in "Bobotog Suri" limited liability company of cattle breeding located in Kumkurgan district of Surkhandarya region.

From the color and color indicators, the weight of colors and the distribution by flower types are platinum, amber, bronze, anthracite. It was determined by the orgonoleptic method according to its color and expressed as a percentage.

From experience received data variation statistics in methods again worked [6.]

Research results. Flower types, variegation expression and color flatness, which are considered to be important fertility traits, were studied in the derived generations.

Flower types are considered the most important indicator of black leather and serve as the main factor in determining its value and price. The most valuable flower types of blackberry skins include semicircular, ribbed and flat flower types.

The results for the flower types of the obtained generations are presented in Table 1.

Table 1. Flower type of lambs belonging to the Surkhandarya breed of different colors, % (M±m)

Varieties	Number of lambs, head	Rib-shaped	Semicircle	Flat	Osikgul
Yantar	5 0	47 , 0 ±4.1	1 3, 3 ±2.6	25.4 ±0.9	1 4.3 ±2.7
Bronze	5 0	53 , 1 ±2.7	1 8.4 ±3.4	1 9 , 4 ±2.0	9 , 1 ±1.9
Platinum	3 6	57 , 0 ±3.2	1 7 .5±3.0	14 , 0 ±1.2	1 1.5 ±2.5
Anthracite	4 2	4 5 ,9±1,5	21 , 7 ±4.3	16,1 ±1,1	1 6 , 3 ±2.7

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As shown in the tables, certain differences have been identified for the types of valuable flowers. Rib-shaped flower-type generations were obtained in the platinum variety (57.0±3.2%), respectively 10.0 (47.0±4.1%), 3.9 (53.1±2, 7%) and dominated by 11.1 (45.9±1.5%). Since the selection work on the farm was focused on the ribbed flower type, lambs of this flower type were obtained more than others.

No matter how beautiful the color is, if the color plane is not evenly distributed on the surface of the skin, or if the color is not well expressed, we cannot call such leather valuable. Leather should be at the "excellent" or "good" level according to these parameters. Only then can the leather product be economically viable.

The data obtained from the study of the expression of color and levels of color flatness are presented in Table 2.

The analysis of the data in Table 2 shows that in terms of color expression, high results were obtained in the offspring of the platinum variety (28.9% excellent). "Poor" expression was most common in anthracite color (11.0%).

According to the color plane, 2 9 , 0 % results were obtained in the amber color, and 1.2, respectively, compared to other colors ; dominated by 4.0 and 7.7 %. Uneven representation of the color plane was observed in bronze coloration with 11.6%.

Table 2. Expression of colors and color flatness in the skin of Surkhandarya sur type lambs, %

Varieties	number, head	Color expression			Color plane		
		Excellent	Good	It's bad	Excellent	Good	Uneven
At the time of birth							
Platinum	5 0	28,9	6 6 , 2	4.9	2 7 , 8	61, 2	1 1 .0
Bronze	5 0	25.5	68, 1	6, 4	25.0	6 3 , 4	11, 6
Yantar	3 6	2 6.3	6 7.4	6,3	2 9 , 0	6 1,6	9, 4
Anthracite	4 2	21.4	67.6	11.0	2 1 , 3	69 , 5	9 , 2
5-6 days old							
Platinum	5 0	3 4 , 6	6 5 , 0	2, 4	2 7 , 8	6 0 .0	1 2 , 2
Bronze	5 0	26, 8	70.1	3.1	2 3 , 4	6 3 , 7	1 2 , 9
Yantar	3 6	32, 5	6 6 , 2	1,3	25.0	65,2	9.8
Anthracite	4 2	2 4 , 8	7 2 , 0	3.2	21, 9	6 7 , 9	10, 2

In conclusion, it can be said that in the selection of Surkhandarya Sur Karakol sheep, not only flower types, but also color expression and color plane are of great importance. Such in color fig the sheep It is appropriate to use mostly platinum and amber colors for reproduction and further improvement of productivity .

References

1. Aripov U.X., Abduzoirova D.Y., Imomov H. Karakul sheep of gray color (shirozi), characteristics of Karakul sheep and the problem of distribution of their assortment. Journal of Agricultural & Horticulture. ISSN (E): 2770-9132. Volume 3, Issue 1, January.48-52p.www.internationalbulletins.com. https :// zenodo . org / recor d s /7593249
2. Dyachkov I.N. Differentiation of the Karakul breed depending on natural conditions. Problems of desert development, Tashkent, 1971, p. 61-64.
3. Gigineishvili N.S. Breeding work in color karakul breeding. Moscow “Kolos” 1976. Art. 190.
4. Kukenov U. Sur rangli қorakўl қўylarining hususiyatlari. //Veterinary medicine. 2009. No. 5. 36 bet.
5. Plokhinsky N.A. A Guide to Biometrics for Animal Scientists. Moscow. 1969. -256 p.
6. Zakirov M and others. Karakollik. Tashkent, "Teacher". 1983. 301 p.