



## Comparison of Milk Yield of Cows of the Holshtin Breed to the Standard Template of the Breed

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**Annotation:** In this paper, Holstein bulls have been artificially inseminated with their offspring, and their offspring have been compared with the standard model of the breed. As a result, based on the performance of bull daughters, it is possible to create productive herds for the farm.

**Keywords:** Pedigree, boole, good, bad, defect, holstein, productivity, herd, family, system, offspring, seed, breed standard.

**Introduction:** Livestock plays an important role in providing the people of the country with food rich in animal protein. The cylinder network remains relevant in addressing this issue. Selection work is carried out to improve the milk yield and quality of cows, which is incompatible with breeding work.

Most of the cattle hitting in our country are dairy and dairy breeds, of which the Holstein breed is the highest productive, improving breed. This breed is found not only in the Republic, but also in many continents of the world. In the full use of the hereditary possibilities of this breed, improving feeding, storage conditions, selection and breeding, especially the quality of offspring, the widespread use of breeding bulls with "improving" breeding categories and the creation of families and systems of highly productive cows in the herd will be an important scientific and practical milestone.

The development of livestock, including the selection of bulls with high irritable characteristics of abroad in agriculture, has a positive effect.

**Materials and methods:** As an experiment, bull girls from the United States nicknamed "ACERED" and "MALLER" were studied by comparing their productivity with the breed standard template. That is why we experimented with the example of a farm specializing in dairy breeding in the Samarkand region.

**Results obtained and their analysis:** Experimental analysis shows that the breed's standard requirement shows that bull girls from the US nicknamed "ACERED" and "MALLER" have a substantially higher live weight, milk yield, milk yield coefficient, milk fat than the level of demand. To carry out the banitirovka of dairy cows, it is necessary to have the necessary information, in particular, documents confirming the origin, productivity and other qualities of breeding cattle and regularly study and analyze them. We cited it in Table 1 below, following this rule.

1-jadval

### AcerED-nicknamed buqa girls compare productivity indicators with breed standart default

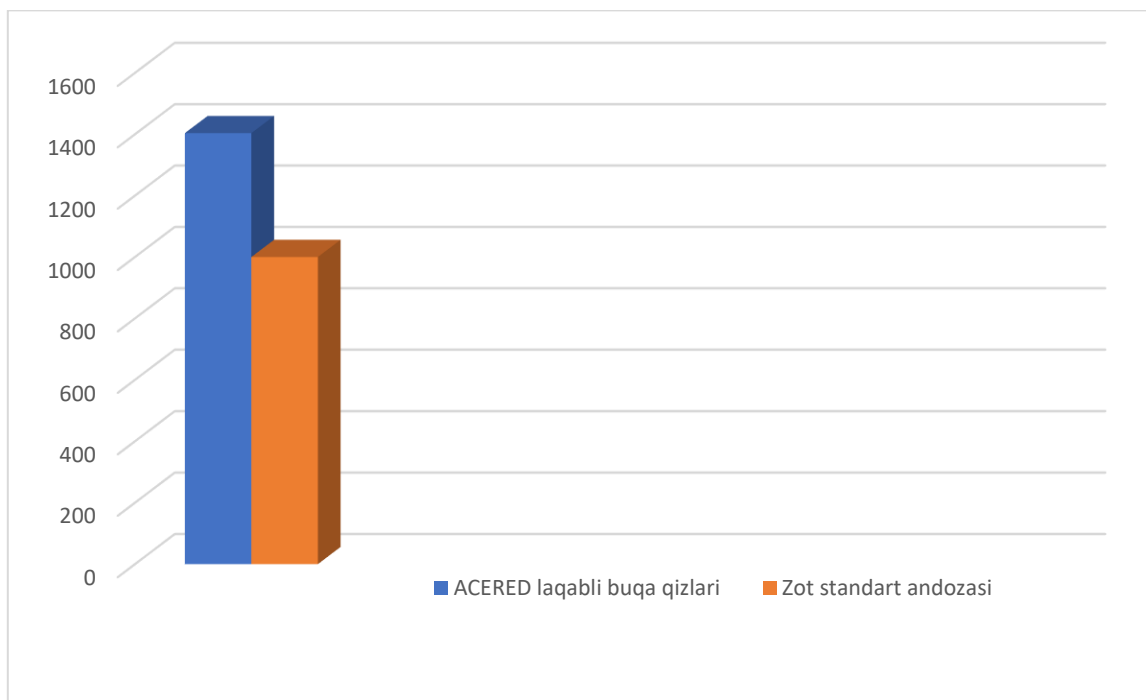
Ko'rsatkichlar	ACERED laqabli buqa qizlari (golshtin)	C in,%	Standard god of andosis (golshtin)	Difference ±	%
Live weight, kg	610,6±16,3	9,6	500	110,6	18,1
Average milk yield, milk yield, kg, milk yield during lactation	8570,5±137,1	5,70	5000,0	3570,5	41,7
Milk fat, %	3,9	-	3,6	0,3	7,7
How oqsili, %	3,2	-	3,2	0	0

As you can see from the table data, The indicators of productivity of the offspring of girls artificially inseminated by the breed of a bull nicknamed ACERED are as follows: the average milk yield recovered during lactation was 3570.5 kg or 41.7%, milk fat was 0.3 or 7.7% higher. No difference was observed in terms of milk protein. The live weight is seen to be 110.6 kg or 18.1%. Table 2 provides the same information, 2-jadval

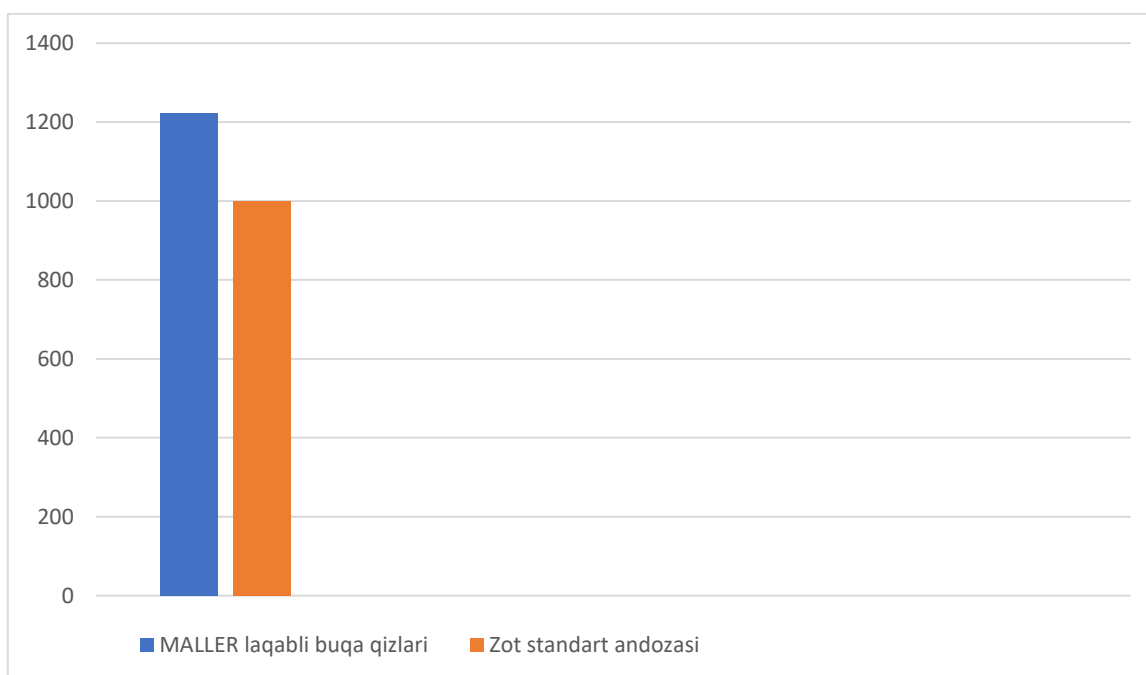
### Comparison of bull girls productivity indicators nicknamed MALLER with breed standart templates

Ko'rsatkichlar	MALLER laqabli buqa qizlari (golshtin)	C in,%	Standard god of andosis (golshtin)	Difference ±	%
Live weight, kg	589,4±8,9	6,70	500	89,4	15,2
Average milk yield, milk yield, kg, milk yield during lactation	7213,2±61,9	4,0	5000,0	2213,2	30,7
Milk fat, %	4,1	-	3,6	0,5	12,2
How oqsili, %	3,1	-	3,2	0,1	3,2

According to the table data, bull girl offspring nicknamed MALLER were 2213.2 kg or 30.7% higher than the standart templates of the breed, the average milk yield during lactation was 0.5 or 12.2%. Milk protein, on the other hand, is 0.1 or 3.2% less.



**Figure 1.** Milking coefficient of the daughters of a bull nicknamed ACERED.



**2-rasm.** MALLER laqabli buqaning qizlarini sutdorlik koeffitsienti.



**Conclusion:** The results of the comparison showed that ACERED from the USA, artificially fertilized with the seeds of a bull nicknamed MALLER, and the milk productivity indicators of the derived offspring, or daughters, showed higher productivity when compared to the standard breed standard. Especially the daughters of a bull nicknamed ACERED have far surpassed their peers and breed standard templates. As a result, it made it possible to further increase the productivity of the farm.

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