

Feeding of calves with natural milk replacers Ekolak T (made in Serbia) and Daavision Milk-K-16 (Holland)

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Materiel and methods

Experiment begun in R.J. „Govedarstvo“ O.J. „Zeleno polje“ on 8.11.2006., and it's finished on 15.02.2007. Two groups are formed: control and experimental group, with 9 calves each. In each group, calves were separated in three compartments.

Experimental group was fed with natural milk replacer EKOLAK T, made by BANKOM Company, and the control group was fed with milk replacer Daavision Milk K-16 from Netherlands.

Along with milk replacer, calves were fed at will with the PST concentrate with 20% proteins, alfalfa hay and water. Until beginning of the experiment, calves was fed with full-fat milk, PST concentrate with 20% of proteins, alfalfa hay and water. Calves were fed with milk replacers since weaning.



Results

From table we can see that Experimental group had average growth of 0,709 kilograms, and Control group 0,606 kilograms. That is 17% better growth for Experimental group.

Parameter	Control group Daavision Milk K-16	Experimental group Ekolak T
Body mass on day of birth (kg)	43,11	41,22
Days of life on the beginning of the experiment	31,89	40,56
Body mass on 1st day of experiment (kg)	58,11	65,11
Control measuring 1 13.12.06	63,20	71,78
Control measuring 2 04.01.07	73,11	84,89
Control measuring 3 23.01.07	91,00	107,00
Control measuring 4 15.02.07	106,00	121,11
Total growth during experiment (kg)	47,89	56
Days of experiment	79	79
Average growth (kg)	0,606	0,709