

Composition of colostrum and milk of maternal breed sows and results of their piglets' rearing

Summary

The study was conducted on 52 sows of PL, PLW breeds and their crossbreeds in a period of 1st and 2nd lactation. Colostrum and milk were collected at 10th and 21st day of lactation and its chemical composition was determined. Colostrum of crossbred sows was the richest in all the nutrients, while that of PL sows was the poorest one. Colostrum obtained from crossbred sows contained about 4% more dry matter, 0.7% protein and 2.3% fat. That tendency was maintained up to 10th day of lactation. Sows of PL breed brought the heaviest piglets, however farrow size was the lowest one.

KEY WORDS: colostrum, milk, piglets rearing, milk composition