

CORRELATION BETWEEN CROSSING AND HYBRIDIZATION, AND CROSS-BREEDING COORDINATION IN SWINE

A. Mikelėnas, J. Martuzevičius, J. Jančienė, J. Chodočinskaitė

Summary. Copulation of cattle of different breeds, does not always result in equal effect of heterosis. The purpose of our study was to evaluate individual or complex features of productivity of some strains. Breed features – reproductive capacity, fattening and carcass grade – of Lithuanian White, Swedish Yorkshire, Swedish Landrace, Belgian Landrace, German Landrace and Duroc breeds were tested. According to complex evaluation of reproductive capacity of separate breeds under the same conditions, Swedish Yurkshires are the best (44,89 points). Hybrids of Finnish Landrace with Swedish Yorkshire, and Finnish Landrace with German Landrace showed the best index of fattening and carcass grade. The worst indexes were gotten from hybrids of Swedish Landrace with Lithuanian White.

Keywords: sows, male, breeds, cross breed hybrid, reproduction, offspring, pigmeat, carcass grade.