

PRODUKTIVITAS ANAK BABI SEBELUM DISAPIH HASIL
PERKAWINAN PERANAKAN LANDRACE DAN YORKSHIRE
SERTA PERSILANGANNYA

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INTISARI

Penelitian ini bertujuan untuk mengetahui produktivitas anak babi sebelum disapih hasil perkawinan babi ras murni dan persilangan dari bangsa babi peranakan Landrace dan peranakan Yorkshire. Penelitian dilaksanakan dari bulan Februari 2003 sampai juni 2003 di Adhi Farm, desa Sroyo, Kabupaten Karanganyar, Jawa Tengah. Sebanyak 40 induk dipilih yang akan beranak ke 3 sampai 5 kalinya. Masing-masing bangsa sebanyak 10 induk untuk induk peranakan Yorkshire x pejantan Yorkshire (Y x Y) dan induk peranakan Landrace x pejantan Landrace (L x L), dan bangsa persilangan induk peranakan Yorkshire x pejantan Landrace (Y x L) dan induk peranakan Landrace x pejantan Yorkshire (L x Y). Data *litter size*, Berat lahir, Berat sapih dan pertambahan Berat badan harian dianalisis dengan Rancangan Acak Lengkap (RAL) dan dilanjutkan dengan Uji Duncan's pada kelompok yang berbeda, sedangkan persentase mortalitas di uji dengan Chi-Square dari penelitian dapat disimpulkan bahwa produktivitas anak babi hasil perkawinan bangsa babi peranakan Landrace dan peranakan Yorkshire serta persilangannya di Adhi Farm, diperoleh *litter size*, berat lahir, berat sapih dan pertambahan berat badan harian selama menyusu tidak berbeda nyata, tetapi Mortalitas terdapat perbedaan yang nyata dimana mortalitas tertinggi dicapai hasil perkawinan induk peranakan Landrace x pejantan Landrace $19,45 \pm 7,39\%$ diikuti induk peranakan Landrace x pejantan Yorkshire $17,29 \pm 5,96\%$; induk peranakan Yorkshire x pejantan Landrace $16,33 \pm 3,55\%$ dan terendah dicapai hasil perkawinan induk peranakan Yorkshire x Yorkshire $16,15 \pm 4,89\%$.

Kata kunci : Produktivitas, Anak, Menyusu, Peranakan Landrace dan Yorkshire.

THE PIGLETS PRODUCTIVITY BEFORE WEANED AS RESULT MATING
OF LANDRACE AND YORKSHIRE OFFSPRING
AND THEIR CROSSBRED MATING

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ABSTRACT

The objective of this study to find out the piglets productivity before weaned , as result of purebred and the crossbred of Landrace and Yorkshire offspring. The study was done from February to June 2003 at Adhi Farm, Sroyo Village, Karanganyar Regency, Center of Java. It was as much 40 sow selected that would be born three to five times. Each race of pig was 10 sow for the Yorkshire sow x the Yorkshire boar (YxY), the Landrace sow x the Landrace boar (LxL), and the crossbred mating of the Yorkshire sow x the Landrace boar (YxL) and the Landrace sow x the Yorkshire boar (LxY). The *Litter Size* data, weight of bird, weight of wean and daily body weight average was analyzed by the Complete Random Design (CRD) and continued by Duncan's test in the different group, while the mortality percentage was tested by Chi-Square. From the research could be conclude that the hog productivity in mating result of the race of Landrace and Yorkshire offspring and their crossbred mating at Adhi farm, was obtained the *Litter Size*, weight of bird, weight of wean, and the daily body weight average not really different, but mortality was in the real difference where the highest mortality was reached the mating result of (LxL) 19,45±7,39% followed the (LxY) 17,29±5,96%; the (YxL) 16,23±3,55 and the lowest was reached the mating result of (YxY) 16,15±4,89%.

Key words : Productivity, Piglets, Weaned, Landrace and Yorkshire offspring .