

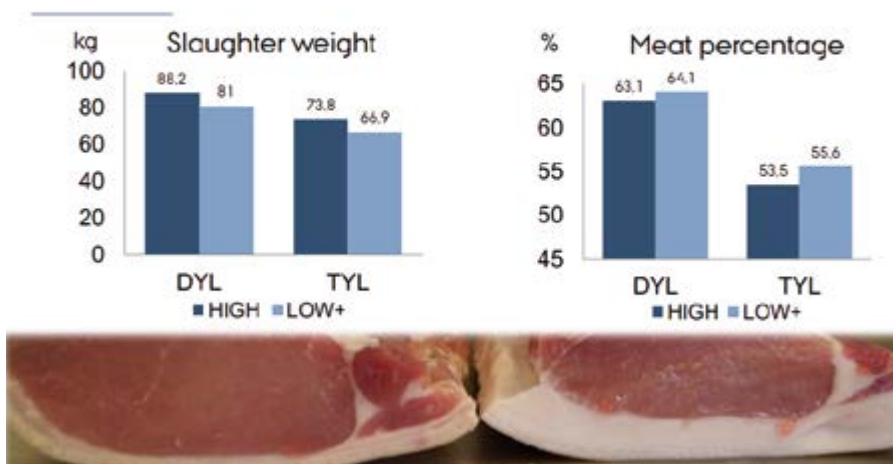
6.1 Free-Range Growing Pigs – Effect Of Feeding Strategy And Genotype On Animal Behaviour, Performance And Meat Quality

Feed efficiency

The practice is to limit the amount of concentrate used in feeding free-range pigs (crossbreeds of different breeds) to reduce feeding costs, which usually account for more than 60-70% of the total production costs.

The effect of reducing the amount of concentrate in pig nutrition (with or without vitamin and mineral supplementation) for two different pig genotypes (modern and traditional crosses) on production performance, meat quality, and behavior of free-range animals was assessed.

SLAUGHTER WEIGHT AND MEAT PERCENTAGE



<https://orgprints.org/id/eprint/24635/7/24635.pdf> (slide 24)

Reducing the amount of concentrate reduces the daily gains by 20-24% but improves the Feed Conversion Rate (FCR) by 9-14% regardless of the pig genotype. In addition, the proportion of meat in the pig carcass is higher, but the muscle surface of the sirloin is reduced. The activity of animals increases as well, as they consume more green fodder and burrow more intensively.

Changing the pigs' nutrition reduces the tenderness of the meat but does not affect its smell and taste.

<https://orgprints.org/id/eprint/24635/7/24635.pdf>