

The effect of season and rearing system on development of reproductive organs of purebred and crossbred gilts

S u m m a r y

The aim of the research was to find out to what extent a system of rearing and season of year as well as crossbreeding affected results of development of reproductive organs. Experimental population at the beginning consisted of 160 nursery gilts, at the age of 90 days and body weight about 30 kg after Polish Large White sows used as a purebred and mated with Polish Landrace. The animals were kept in weaning pens in the period of 16 March - 15 October. They were treated as reared in summertime, and those from the period 16 October - 15 March as reared in wintertime. Reproductive organs in crossbred gilts were better developed in comparison to purebred sows and both the outdoor system and wintertime stimulated their development.