

## Effect of selected factors on reproductive performance of sows

### S u m m a r y

Data were collected for 14 years from the industry farm documentation. Piglets were weaned on 21st day of life in the first 7 years and on 28th day of life in the next 7 years. The analysis included 109 813 sows: 35 183 primiparous and 74 630 multiparous. The aim of investigations was to estimate insemination efficiency depending on weaning time, sow's age (primiparous, multiparous) and number of insemination treatments. Prolongation of the lactation period by 28 days resulted in the higher insemination efficiency of multiparous sows, particularly after the first insemination. Sow's age influenced on insemination efficiency in 21 and 28 days lactation. Insemination efficiency decreased in successive insemination treatments.