

# MODERN TECHNOLOGICAL APPROACHES TO IMPROVING ELEMENTS OF THE PEN EQUIPMENT FOR LACTATING SOWS

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Monitored pens for lactating sows following manufacturers: Danish company ACO FUNKI (F207), the German company BigDachman, the Polish firm Westron (diagonal ST1, ST2 direct), which are produced in Ukraine under license and pens manufactured in Ukraine (SNA-1, SNOOP-1, SNF-1, SFU-1).

Analyzed technological equipment the maintenance of lactating sows in the farm “Eden”, Zhovkva district, where the used machines are manufactured in Ukraine according to the technology of Danish company ACO FUNKI and in OOO “Bark” Sambir district, Lviv region, where the used machines of the German company BigDachman.

Found that the most effective for keeping lactating sows is machine Danish company ACO FUNKI and most rational element of the design of the current machine that need to improve is the raising of the place where the sow.

For optimal access of piglets to the nipples of sows is recommended to upgrade the floor in the place where the sow at 1-3 cm the advantage of the design improvements is as follows: when the sow lies down on a flat surface, it often happens that the bottom row of nipples bends under itself and thus the piglets, especially the first 5-7 days after farrowing, have access to effective use of the lower row of teats of the sow. Raising the place where the sow is nursing piglets at 1-3 cm will give the opportunity of free access of piglets to the bottom row of teats of the sow during feeding.

The results of monitoring pens for lactating sows following manufacturers: Danish company ACO FUNKI (F207) BigDachman German company, the Polish firm Westron (diagonal ST1, ST2 direct), which are produced in Ukraine under license and pens manufactured in Ukraine (SNA-1, SNOOP-1, SNF-1, SFU-1) and found that the most effective for keeping lactating sows is pen Danish company ACO FUNKI. The most efficient element of the design of the current pen that need to improve is the raising of the place where the sow.

**Keywords:** PIGS, TECHNOLOGY, PENS, SOWS, PIGLETS.