

POULTRY PRODUCTIVITY AND MORPHOLOGICAL EGG TRAITS OF CROSS “LOHMANN WHITE LSL” PURE LINES

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Summary. This paper deals with the morphological egg data studies of the initial A, B, C and D lines of the poultry cross Lohmann White LSL in the two generations F_1 and F_3 .

It was established that dam combination C and D lines, selected according to the laying results and reproductive traits showed better laying and chicken yield, and sire combination A and B lines selected according to the egg weight showed a bigger one.

Sire combination line A, selected according to the body and egg weight, egg form index was the largest in both generations.

In the implementation of selection of dam combination C and D lines according to the egg production and reproductive traits, these lines had less shell deformation, but the number of Haf units, yolk index were higher compared to the sire combination A and B lines.

Average egg shell thickness was fairly good in all the lines (0.33-0.38 mm).

Keywords: laying hens, pure line, generation, morphological traits.