THE ASSESSMENT OF THE WORKABILITY OF UKRAINIAN RIDING FOALS WITH DIFFERENT GENOTYPES CONDITIONAL IN THE "RISE MAKSYMKO" STUD FARM

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For the period of researching (from 2009 to 2013) in the stud farm has been made the genealogical assessment of all of the breeding stock. The breeding stallions were assessed by the quality of their offsprings. The foals (2-3 years old) were assessed according to their efficiency.

The quality of the movement (harmony, step length, accuracy of their movements) were assessed according to the 10 point scale. The separate score put for the each parameter. Then the scores were added and divided by 3. Assessment of the jumping quality include: the height of the jump, jump technique and temperament. The points deducted for the deviation from the ideal model. The assessment carried out in the Sprunggarten (German: Sprun – jump, Garten - garden).

The origin of the foals (2009-2011), breeding mares and breeding stallions was studied. The study was conducted using the breeding books ( Volumes I-VIII) and zootechnical documentation (Form N 1-k "The card of the breeding stallion", Form N-2k "The card of the breeding mares" and Form N-5 "The journal of the development of the foals").

During the period of research 71 Ukrainian Riding foals were evaluated (27 in 2011, 23 in 2012, and 21 in 2013).

The best foals were obtained when were combined the Hanoverian/Trakehner breeding stallion with the Factotum’s line mares, belonging to different families and with the Bespechny's line mares, belonging to the Ishodyascha's family. The second group of the successful combinations consisting of the breeding stallion Tezys's pairs (Factotum’s line) with the males Hanover's stallions mares.

Distribution of the blood percents of the best foals (2009-2011) consists of 35% - Thoroughbred; 25% - Trakehner; 27% - Hanover; 9% - Hungarian; 2% - Russian; 1% - Arabian Thoroughbred.

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