

References

- Abdel Malek, A.A.W.; Yamani, K.A.O. (1974) : Performance of broiler Pekin ducklings in Egypt. Dept. of Animal prod., Faculty of Agric. Zagazig. Alex. J. of Agric. Res. 22,2,205-211 .
- Amer, M.F., El-Ibiary, H.M.; Khain, S.S., And ISS Awi, H.F. (1964) : A Comparative study of Egyptian strains of chickens and three standerd breeds imported from Holland. 2. chick body weight at different ages. Alex. J. of Agric. Res., 12,2.
- Amer, M.F. and Al-Jaboury, A. (1973) : A contribution to the introduction of two standerd breeds of poultry to subtropics.1- Fertility, hatchability, chick mortality and growth rate. Coll. of Agric. Res. Bull. Vol. 1. 1973. Riyad, Saudi Arabia .
- Andrews, L.D.; Welson, G.S., Harris, G.G. and, Good Win, T.L. (1975) : Performance of five strains of broilers in four tier Cage system with plasic mat floors. Poult. Sci. 54 : 54-58
- Ann, A.H. And, James, K.H. (1976) : Metabolic responses of white Pekin ducks to ambient temperature. Poult. Sci. 55: 1899.
- Ash, W.J. And Mothers, P.(1964) : Sex differences in economic traits of Long island white Pekin market ducklings. Nature. Lond. 201 : 571-572., (A.B.A. 32 : 2385).

- Bagot, I. and Karunajeewa, H. (1978) : The effect of strain, sex and diet on growth and carcass characteristics of meat type ducks . Australian, J. of exper. Agric. and Anim. Husb. 18; 93: 527-532., (A.B.A. 47 : 3940).
- Becker, W.A. (1975) : Manual of quantitative genetic. 3rd., Washington state Univ. Press, Pullman, Washington 99163 .
- Bochno, R.; Lewczuk, A.; Michalik, D. (1978) : The suitability of breast measurements in the evaluation of carcass value of ducks. Zootechnika 17 : 59-66 .
- Brewster, R. (1976) : Growth of Muscovy and Pekin ducklings in Australia. In proceesing of the first Australsian poultry and stock Feed conversion, Vol. 2 : 357-362. (A.B.A. 45 : 7285).
- Bumgardner, H.L. And Shaffner, C.S. (1954) : The heritability of body weight in turkeys . Poult. Sci., 33 : 601-606 .
- Buvamendram, V. (1969) : The heritability and genetic correlations of sexual dimorphism for 10 weeks weight in poultry. Br. Poult. Sci. 10 : 321-325 .
- Campbell, R.G., KarunajeeWa, H. and Bagot, I. (1985) : Influence of food in take and sex on the growth and carrass composition of Pekin ducks. Br. Poult. Sci. 26 : 43-50 .

Cavalchini, L.G. ; Dell' orto, V. ; And Roncoroni, C. (1979) : Body weight gain, food consumption and dressing percentage in two different strains of Muscovy duck. *Zootecina*, 5 : 329-340 .

Clayton, G.A. ; And J.C. Powell. (1978) : Growth food conversion , Carcass yeilds and their heritabilities in ducks (*Anas platy Rhynchos*) . *Br. Poult. Sci.* 20 : 121-127 .

Dujunov, E.A. (1965) : The role of selection in rearing ducklings for meat. *Ptitsevodstvo*. 6 : 14-15 (A.B.A. 33 : 3778) .

Dujunov, E.A. (1966) : The inheritance of various traits in crossbreeding of ducks. *Zh. Zhivot. Vet.* 8. (58)., 289. (A.B.A. 36 : 852) .

Dzhubashev, M. (1978) : Using sire evaluation on the performance of progeny in duck breeding. *Ptitsevodstvo*. 10 : 28-30 .

Einarsson, E.J. (1982) : Development of breeding system for meat production with ducks in Norway. *Leipzig, Tier produktion und veteinar medizin* (1982) : 40-49. (A.B.A. 51 : 2493) .

El-Sayiad, G.A. (1983) : Some genetic and physiological studies on growth retardation in ducks. Thesis, Dept. of Anim. prod; Fac. of Agric., Zagazig . Univ., El-Sharkia Govarnorate, Egypt .

Enab, A.E. (1982) : Genetic analysis of some economic traits in chickens M.Sc. Thesis, Fac. of Agric. Univ. of Monoufia, Shebin El-Kom, Egypt.

Falconer, D.S. (1961) : Introduction to quantitative genetics. Oliver and Boyd, London .

Fokina, Z. and Tikhonova. E. (1979) : Meat production of cross X- 11 ducklings. Ptitsevodstvo No : 11 : 17-18 .

Gibes, C. (1974) : Comparative studies on the growth of Pekin domestic ducks and wild Mallards. Roczniki, Nauk, Rolniczych, B. 95, 4 : 79-94. (A.B.A. 43 : 3694).

Godfrey, G.F. ; Williams, C. And Marshall, C.E. (1953) : The relative influence of egg size, age at sexual maturity and mature body weight on growth to twelve weeks of age. Poult. Sci. 32 : 496-500 .

Gomot, L., and Bonin, D. (1965) : The Pekin duck X Muscovy duck cross. Comparative study of Pekin, Muscovy and hybrid males. Anim, Sci. Univ. Besancon, Zool, physiol, L: 19-38 .

Gupta, N.D. ; And Johar, K.S. (1975) : Early body weight of live strains of white Leghorn, Br. Poult. Sci. 16 : 593-598 .

Hamlyn, W.L. ; Branion, H.D. And Cavers, J.R. (1934) : The influence of protien on the growth of ducks. Poult. Sci. 13 : 333-337 .

Hataba, N.A. (1980) : Heterosis within Fayoumi chickens, M.Sc. Thesis, Fac. of Agric., Ain Shams Univ., Cairo, Egypt .

- Hetzel, D.J.A. (1982) : A note on the difference in growth and tissue deposition of crosses between Pekin and Muscovy drakes and Alabio ducks. Brisbane Australlia 201-202 .
- Heuser, G.F. ; Scott, M.L. ; Eskew, R.K. And Edwards, P.W. (1951) : Studies in duck nutrition. 3. The feeding of potatoes to ducks. Poult. Sci. 30 : 672-678 .
- Hogsett, M.L. ; And A.W. Nordskog. (1958) : Genetic economic value in selection for egg production Rate, Body weight and egg weight. Part.I : Estimation of phenotypic and genetic parameters. Part II. The genetic consequences of selection using an index for egg size, Body weight and egg production rate. Poult. Sci. 37 : 1404-1419 .
- Horton, D.H. (1928) : The growth of white Pekin ducklings. Poult. Sci. 7 : 163 : 167 .
- Hudsky. Z. (1972) : Cage rearing of ducks. Zivocisna Vyroba 17 (11) 825-830 .
- Hudsky. Z (1973) : Carcass quality of ducks at 5 to 8 weeks of age. Vedecke' Prace-Hydinarstvo., publ. 1976 .
No : 13 : 129-134. (A.B.A. 46 : 2969).
- Jensen, E.L. And Barr, G.R. (1971) : Standerd errors of heritability estimates calculated from variance components analysis of a two-way classification. J. Anim. Sci. 32 : 1069-1077.

Jerome. F.N. ; C.R. Henderson And S.C. King. (1956) : Heritabilities, gene interaction and correlations associated with certain traits in the domestic fowl. Poult. Sci. 35 : 995-1013 .

Kadura, N. ; And veremeenko, R. (1973) : Line Hybridisation of ducks. Ptitsevodstvo. 10 : 22-24. (A.B.A. 42 : 1924) .

Kamar, G.A.R. ; Mostageer. A., And N.E. Goher. (1969) : Effect of crossing on the productivity of ducks. I- Growth J. Anim. Prod. U.A.R. 9. No : 2 : 251-261 .

Keljauskas, A.A. (1967) : Some results of reciprocal crossing of lines of Pekin ducks for breeding meat ducks in the litovsk. S.S.R. Ptitsev. (9) : 70-75 .

King. S.C. (1961) : Inheritance of economic traits in the Regional correll controll population. Poult. Sci. 40 : 975-986 .

King, S.C. ; Van Vleck, L.D. And Doolittle, D.P. (1963) : Genetic stablity of the cornell randombred control population of White leghorns. Genetic Res., 4 : 290-304 .

Kingston, D.J. ; Kossasih. D ; And ARDi. I. (1979) : The rearing of Alabio ducklings and management of laying duck flocks in the swamps of south kalimantan. Bogor, Indonesia, Centre for Anim. Res. and devel. 23. pp. No. 9.

- Kiss, I. (1969) : Investigation into the growth of the domestic duck and its race hybrids. In phaenoanalysis and quantitative interitance. Ed. by Fabian. Budapest : Akademiai Kiado. pp. 171-175. Dep. Anim. Husb., Univ. Agric. Sci., Godollo .
- Kontecka, H. (1979) : Genetic parameters of Pekin ducks kept in poland. Zootechnika, 26 : 95-104 .
- Kosba, M.A. ; Negm, A.M. ; And El- Syaed. T.M. (1981) : Selection for breast meat weight on ducks . Alex . J. of Agric . Res . 29 (1) : 69-74.
- Kosba, M.A. ; Negm, A.M. ; And El- Syaed. T.M. (1981) : Heritability, Phenotypic and genetic correlations between breas meat weight and carcass traits of ducks. Alex. J. of Agric. Res. 29 (2) : 453-464 .
- Kovin'ko, D.A; Simonenko, V.I. (1976) : Genetic differences in growth and food conversion in ducks ptitsevodstv 2 : 28-31 .
- Kriz, L. ; Prochazkova. H. ; Bilek. P. And chromy. p. (1983) : Fattning sexed groups of ducks. Zivocisnavyroba 28 (8) 581-590. (A.B.A. 52 : 1175) .
- Lazar, V. ; Osicka, R. ; Silhavy. V and Prochazkova. H.(1984) : The optimum stocking density of ducklings fattened on deep litter and on a slatted floor zivocisna vyroba, 29, 7 : 649-656 .

Lerner, I.M. (1961) : The genetic basis of selection. New York. John Wiley and Sons, Inc, London.

Luhmann. M. And vogt. H. (1975) : Slaughter loss and breast muscle weight in 7 to 9 weeks old Pekin ducks . Archiv fur Gellugelkunde 39 (4) 126-134. (A.B.A. 44 : 1888).

Mahelka, B. (1964) : The post - natal growth of the Pekin ducks. Sborn. Vysokesk. Zemed. Brne', A. 2 : 323-330. (A.B.A. 33 : 1719) .

Majna, R. ; Stasko, J., Kociova, E. ; And Mardiak, J. (1970): Comparison of growth intensity in three types of meat type duck. Vedecke prace- Hydinarstvo 11 : 47-54 .

Marais, C.L (1967) : Broiler potential of fowl, duck, turkey and guinea-fowl. S. Afr. agric. Sci. 10 : 229-234 .

Mauch, A.And Boian, S. (1958) : The Muscovy ducks and its hybrids with the Pekin ducks. Anal. Inst. Cerc. Zooteh. (Bucuresti) 15 : 751-768. (A.B.A. 27 : 1061) .

Mazanowski. A. ; Ksiazewicz. J. And Faruga, A. (1978) : Some meat traits of Pekin ducks of various lines and intra-linecross. Zootechnika 15: 101-111. (A.B.A. 47. 5096).

Mitra , A . , Patro , B . N . and Bala , M . K. (1976) : Effect of age and weight at sexual maturity on egg production in White Leghorn fowl . Ind . J. Poult . sci. 11: 150-152 .

- Negm, A.M. ; Kosba, M.A. ; And El-Sayed. T.M. (1981) : Correlated reponse to selection for meat weight of ducks. Alex. J. of Agric. Res. 29 (2) : 465-479 .
- Oliver. M.D. ; Preez. J.J.Du. ; Kuyper. M.A. ; And Mould. D.J. (1977) : The carcass composition and growth of the mule duckling Compared to purebred ducklings Agroenimolia. 9 (1) 7-11. (A.B.A. 46 : 467).
- Oplt, J. ; Petkovova, R. ; Jindrich, And Fiedler, J. (1974^a): The effect of egg weight on fattening performance of ducks. Naschov. 34 (2) : 55-56 .
- Oplt. J. ; Petkovova, R. ; Jindrich, V. ; And Fielder, J. (1974^b): The effect of egg weight on fattening characters in ducks. Zivocisno vyroba 19 (8) 591-594 . (A . B . A . 43 : 2576) .
- Pilla, A.M. (1974) : Possibility of genetic improvements in Muscovy ducks. Zootechnia. 7 (2) 165-174. (A.B.A. 44 : 1922).
- Pingel, H. ; and Jeroch, H. (1969) : Investigations on fattening and carcass performance as well as meat quality of Muscovy drakes Pekin duck crossbreds. Arch. Gefluzelz. Kleintierk. 18 : 285-292. (A.B.A. 40 : 3694) .
- Pingle, H. ; Jung. S. (1979) : Selection for breast muscle thickness in ducks. Archiv fur Tierzucht 22 (4) : 281-286 .

Podoba, B.E. (1970) : Characteristics of growth and food utilization in the developmental crossbred ducks. Trudykhar 'Kov. Sel'khoz.

Inst. 137 : 48-52. (A.B.A. 39 : 2540).

Pop, M. ; And Georgescu, M. (1964) : Aspects of the productivity of pekin x khakicampbell crossbreds. Rev. Zooteh. Med. Vet [Bucuresti] 14 (5) 34-43. (A.B.A. 32 : 3384) .

Renchi, P.G. ; Nair, G.R. ; Nair, R.S.; Nair , B.R.K. ; and Unni, A.K.K. (1979) : Relationship between shanklength and body weight in desi ducks. Indian veter. J. 56 (11) : 937-939 .

Renchi, P.G. ; Ramakrishnan, A. ; Unni, A.K.K. ; and Nair, G.R. (1981) : Studies on Certain economic traits of desi ducks. 2 : Growth of ducklings. Indian. J. of poult. Sci. 16 (1) 44-50 .

Rikhter, K.V. ; Sultanov. A. ; And Gulgamov. K.KH. (1973) : Comparison of two methods of rearing broiler ducks . Zhivotnovodstva 6 : 165-169. (A.B.A. 43 : 1318).

Rithamber, V. ; Reddy, R. And Rao, P.V. (1986) : A survey and hatcheries in Andhra paradesh, India. J. of poult. Sci. 21 (3) : 180-185. (A.B.A. 55 : 2612).

Robertson. A., (1959) : The sampling variance of the genetic correlation coeffecients. Biometrics. 15 : 469-489 .

Rudolph, W (1965) : The problem of slaughter quality in poultry. 4-comparitive of some slaugter characters in Pekin ducks and dwarf drake x Pekin duck crosses . Kleintierk. 14 : 241-246.

Rudolph, W, and Fritsche, H. (1965) : The problem of slaughter quality in poultry. 5- . The influence of duration of fattening period and sex on some slaughter characters of Pekin ducks. kleintierk., 14: 353-358 .

Searle, S.R. (1958) : Sampling variances of estimates of components of variance. Ann. Math. State. 29 : 167-178.

Sennikov, A.A. ; And Markona, M.M. (1965) : For meat-Hybrid ducks. Ptitsevostov, 4 : 12-13. (A.B.A. 33 : 3740) .

Sharma, R.K., And Singh, R.A. (1978) : Effect of systems of management on reproductive traits of white Pekin ducks. India J. of poult. Sci-13 (3) 161-166 .

Siegel , P, B , (1962) : Selection for body weight at eight weeks of age . 1- Short term response and heritabilities . Poult . Sci ., 41: 954 - 962 .

Siegel , P, B , (1963) : II- Correlated reponses of feathring , weights and reproductive characters . Poult . Sci . 42 : 896-905.

Singh, R.A. ; Aggarwal, C.K. Gupta, S.C., and Pal, R. N. (1976) : Effect of three system of housing, feed efficiency and survivability of white Pekin ducks. Haryana Agric. Univ. J. of Res. 6 (314) : 225-228. (A.B.A. 46 : 2979).

Siregar, A.P. and Ferrell, D.J. (1979) : A comparison of the energy and Nitrogen metabolism of Fed Ducklings and chickens. Br. Poult. Sci : 21 : 213-227 .

Smith, J.H. ; And Jaap, R.C. (1957) : Non-additive genetic effects on growth in a flock closed from crossbred parents. Poult. Sci. 36. 1158.

Sochocka, A., And wezyk, S. (1971^a): Genetic parameters of productivity characters in Pekin duck. Zootechnika, Balica, Cracow. Genetic polonica. 12 (4) : 411-423 .

Sochocka, A.; And wezyk, S. (1971^b) : Genetic parameters of economic characters in Pekin ducks. Zootechniki, W, polsce 252 : 24-37 .

Stasko, J. And Mardiak, J. (1963) : Crisscross breeding with Pekin and khaki-campbell duck. 1. Growth and food consumption. Zivocisna vyroba 8(36) :343- 352. (A.B.A. 31 : 3163) .

Stasko, J. (1965) : The amount of genotypic and environmental variability in the body weight of ducks at 56 days of age. Pol'nohospodarstov 11 : 544-550. (A.B.A. 35 : 787).

- Stasko, J. ; Mardiak, J., And Majna, R. (1972) : Study of combining ability in ducks bred in the Vuch H. I : Comparison of Combining ability in line A and I. Hydinarstvo 12 : 5-16. (A.B.A. 42 : 391) .
- Stasko, J. ; And Bencova, J. (1977) : Research of duck hybrids suitable for liver production. Pol'nohospodarstvo 23 (1) 100-108. (A.B.A. 45: 7290) .
- Steele, G.D., and Torrie, H.J. (1981) : Principles and Procedures of statistics., A Biometrical approach, McGraw-Hill Inter. Book. Co. Tokyo .
- Stohl, G. ; And Gereneser, V. (1961) : Supplementary data on the inter genetic Hybrid between Muscovy and Domestic ducks. Z. Wiss. Zool. A. 165 : 320-343 .
- Swatland, H.J. (1979) : Deverlopment of crossshape in Pekin and Muscovy ducks. Poult. Sci. 59 : 1773-1776 .
- Szejniuk, B. And Kluczek, J.P. 1985 : Environmental factors effect on health and productivity of the Muscovy ducks. Deutsche veter. Gesells chaft. 153-159 .
- Titus, H.W. (1928) : Growth and relation between live weight and feed consumption in case of white Pekin ducklings. Poult. Sci. 7 : 254- 262 .

Tuller, R. (1975) : Fattening trails with four different breeding groups of ducks. Deutsche Geflugel wirtschaft und sch wein eproduktion 27 (6) 129-130. (A.B.A. 44 : 5944) .

Veitsman, L ; Starygin, M ; Reimer, V ; Vitovtova, N ; Tel'manova, G. (1974) : Cherry valley duck in western siberia. Pititsevodstvo. No : 12, 16-17 .(A.B.A. 43 : 3710) .

Veremiyenko, R.P. (1978) : The selective improvement of growth rate in fattening ducks. Ptakhivnitstvo 26 : 32-37. (A.B.A. 48 : 2207) .

Wessels, J.P.H. And Wilbraham. B.O. (1962) : The porduction of table ducks by crossing egg laying with table type ducks. S. Afr. J. agric. Sci. 5 : 671-672. (A.B.A. 31 : 2462) .

Znaniecka, G., And Bobrowska, W. (1979) : The production of edible protien and energy in fattening ducks Roczniki Nouk Rolniczych, B. 1979. 99 (3) 65-74 .