

LITERATURE
CITED

7 . REFERENCES

- Abdel-Glil , M . F . (1985) .** Genetic improvement in milk yield in herd of Friesian cattle . M . Sc . Thesis , Fac . Agric ; Zagazig Univ ; Banha Branch , Moshtohor, Egypt .
- Abou-Bakar , B . Y .; Mcdowell , R . E .; Van Vleck, L . D ., and Cabello ,E . (1987) .** Phenotypic and genetic parameters for Holsteins in Mexico Trop . Agric . (Trinidad) , 64 (1) : 23
- Aboustate, T . M . (1975) .** Effect of inbreeding on the performance of imported cattle in Egypt . M .Sc. Thesis ,Fac. Agric.,Ain Shms . Univ., Cairo , Egypt
- Afi , E . A . , Khalil , M . H . , and Salem , M . A . (1992)**
Evaluation of imported and Locally-born Freisian cows raised in commercial farms in Egypt . 1 . models and nongenetic . effects . Egyption J . Anim . prod . , 29 (1) : 17 .
- Allaire , F . R . , and Cunningham , E . P . (1980) .** Culling on low milk yield and its econmic consequences for the dairy herd livst prod . Sci , 7 : 349 .
- Allaire ,F.R .,and Keller ,D.S.(1990).**Specifying dairy merit for genetic improvement . Proc . 4th World Congr . Genet . Appl . livest . Prod .,Edinburgh ,Scotland , XIV :217 .

- Andrus . D . F . , and McGilliard , L . D . (1975) .** Selection of dairy cattle for overall excellence . J . Dairy . Sci . , 58 : 1876 .
- Arafa, S.A . (1987) .**The effect of crossing Egyptian cattle with exotic breeds on some production traits . M . Sc . Thesis ,Fac . Agric . , Zagazig . Univ . , Banha Branch , . Moshtohor , Egypt .
- Arafa , S . A . (1996)** Genetic analysis for some productive traits in purebred and graded dairy cattle under the Egyptian conditions . Ph . D . Thesis ,Fac . of Agric . ,Moshtohor , Zagazig Univ , Banha Branch , Egypt .
- Ashmawy , A . A (1985a) .** Relationships between milk yield in the first lactation age at first calving and stayability in dairy cattle Egypt . J . Anim . Prod . , 25, (2) : 255 .
- Ashmawy , A . A (1985b) :** Genetic and phenotypic parameters for production and stayability in British Friesian Holstein cattle Egypt . J .Anim . Prod . , 25(1) : 119 .
- Asker , A . A ; Ragab M . T . ; and (Miss) Hilmy S . A . (1954) .** Longevity in Egyptian cattle and buffaloes . Indian J. Dairy Sci . (7) : 135 .
- Asker , A . A ; Bedeir , L .H . ; El-Itriby , A .A . , and Ahmed , S .S . (1969) .**Longevity in Egyptian buffaloes . Egypt . J .Anim . prod , 9: 173 .

- Badran , M . H . (1978) .** Productive and reproductive performance of Friesian cattle under the conditions prevailing at the Northern Tahreer . Ph . D . Thesis , Fac . Agric ; Al-Azhar Univ ; Egypt .
- Bakker , J . J . , Everett , R . W . , and Van Vleck , L . D . (1980) .** Profitability index of sires . J . Dairy Sci . , 63 : 1334 .
- Balaine , D . S . ; Pearson , R . E . ; and Miller , R . H . (1981)** Repeatability of net economic efficiency in dairy cattle and role of some economic variables as its predictors . J . Dairy Sci ; 64 : 96 .
- Barker , J . S . F . , and Robertson A . (1966) .** Genetic and phenotypic parameters for the first three lactations in Friesian cows . J Anim . Prod . , 8 : 221 .
- Basu , S . B . , Bhatnagar , D . S . , and Taneja , V . K . (1982) .** Estimates of genetic parameters for first lactation performance in Thaparkar cattle . Indian J . Anim . Sci . , 5 : 279 .
- Basu , S . B . Bhatnagar . D . S . Taneja , V . K . , and Reo , V . P . (1979) .** Comparative performance of Indian dairy breeds Indian J . Dairy Sci . , 32 : 497 .
- Bhat , P . N ; Singh , G . ; Biswas , J . C . ; Singhal , R . A . ; Garg , R . C . , and Kumar , S . (1978) .** Performance of Holstein Friesian cattle in India Indian J . Anim . Sci . , 48 , (9) : 643 .

References

Boettcher , P . J . , Jairath , L . K . Koots , K . R . and Dekkers J . C . M . (1997) . Effects of interactions between type and milk production on survival traits of Canadian Holsteins . J . Dairy Sci . , 80 : 2984 .

Burnside , E . B . , McClintock , A . E . , and Hammond , K . (1984) . Type , production and longevity in dairy cattle : A review A.B.A . , 52 : 711 .

Caput , P . ; Uremovic . M . ; and Frleta , D . (1985) . The effect of environmental factors on variation in milk production characteristics of cows . Stocarstvo , 39(11/12)381., A . B . A . 54 (11) : 903 .

Chauhan , V . P . S . , Hayes J . F . , and Jairath L . K . (1993) . Genetic parameters of lifetime performance traits in Holstein cows . J . Anim . Breed . Genet . , 110 : 135 .

Congleton . W . J . Jr . , and King , L . W . (1984) . Profitability of dairy cow herd life . J . Dairy Sci . , 67 : 661 .

Danasoury , M . S . , and Bayoumi , M . S . (1962) . Age of first calving and its effect on first lactation period , first dry period , first calving interval and first milk yied . Indian . J . Dairy Sci . , 15 : 131 .

- Dekkers , J . C . M (1993) .** Theoretical basis for genetic parameters of herd life and effects on response to selection . J .Dairy Sci . , 76 : 1433 .
- De Lornezo , M . A . , and Everett , R . W . (1982) .** Relationships between milk and fat production , type and stayability in Holstein sire evaluation . J . Dairy Sci . , 65 : 1277 .
- De Lorenzo , M . A . , and Everett , R . W . (1986) .** Prediction of sire effects for probability of survival to fixed ages with a logistic linear Model . J . Dairy Sci . , 69 : 501 .
- Dentine , M . R , McDaniel B . T . and Norman , H . D . (1987)** Evaluation of sires for traits associated with herd life of grade and registered Holstein cattle . J . Dairy Sci . , 70 : 2623 .
- Dolezel , R . ; Kudlac , E . ; and Kulickova , J . (1985) .** Reproductive performance and milk yield of early mated heifers at intensive farms . Zivocisna vyroba , 30 (7) 584 . A.B.A , 54 (6) : 471 .
- Donegan , S . M . , and Roberts , L . E . (1984) .** The performance of Friesian , Australian milking Zebu (AMZ) and AMZ x Friesian cattle at taree . Proceedings of the Australian Society of animal production , 5 : 325 . , A.B.A .54 (7) : 547 .

- Ducrocq , V . , Quass R.L . , and Pollak E . J . (1988) .** Length of productive life of dairy cows.2;Variance component estimation and sire evaluation . J . Dairy Sci . , 71 : 3071 .
- Durr , J.W . , Monardes H .G . , Cue R .I . , and Philpot J.C. (1997a).** Culling in quebec Holstein herds . 1 . Study of henotypic trends in herd life . Candian J . Anim . Sci . , 77 : 593 .
- Durr , J . W . , Monardes H . G , Cue R . I . , and Philpot J.C. (1997b) .** Culling in quebec Holstein herds . 2 . Study of phenotypic trends in reasons for disposal . Candian J . Anim . Sci . , 77 : 601 .
- El-Khashab , M . A . (1993) .** Some productive and reproductive traits of dairy Friesian cows in El-Fayoum province . PH.D. Thesis,Fac .of Agric . , El-Fayoum , Cairo University , Egypt .
- El-Sedafy , E . R.M . (1989) .** Some reproductive and productive parameters in Friesian cattle in Egypt.M.Sc .Thesis,Fac.Agric. , Ain shams Univ . , Cairo , Egypt .
- El-Sheikh , S . M . (1995) .** Some productive traits of dairy Friesian cows under Sakha conditions .PH.D .Thesis , Fac . of Agric . , El-Fayoum , Cairo University , Egypt .

Evans ,D.L ., Branton C ., and Farthing B . R . (1964) . Heritability estimates and interrelationships among production per day of productive life , longevity , breeding efficienecy and type in a herd of Holstein cows . (Abstr) J . Dairy Sci . , 47 : 699 .

Everett , R . W . ; Keown , J . F . and Clapp , E . E . (1976) : Relationship among type , production and stayability in Holstein cattle . J . Dairy Sci . , 59 : 1505 .

Farghaly , H . M . (1992) . Studies on performance of some exotic breeds under Egyption conditions . PH . D . Thesis , Fac . Agric . , Zagazig Univ . , Egypt .

Florez A . M . ;Del . P . ; Londono M . A . M ;Zapata , O . ; Munoz , F . J . E . (1989) . Milk yield and reproductive performance of Red and White Holstein , Holstein and Brown Swiss cows palmira in the cauca valley . Acta Agronomica , Universided Nacional de Colombia 39 : 111 . A.B.A . 59 (11) : 987 .

Fonseca , F . A . ; Britt , J . H ; McDaniel , B . T . ; Wilk , J . C . and Rakes , A . H . (1983) . Productive traits of Holsteins and Jerseys . Effects of age , milk yield and clinical abnormalities on involution of cervix and uterus , ovulation , estrus cycles , detection of estrus , conception rate and days open . J . Dairy Sci . , 66 :1128 .

References

- Foster , W . W . , McGillard M . L . and James R . E . (1988) .**
 Association of herd average genetic and environmental milk
 yield with dairy herd improvement variables . J . Dairy Sci ,
 71 : 3415 .
- Freeman , A . E . (1981) .**Breeding inputs to managerial goals in dairy
 production . J . Dairy Sci . , 64 : 2105 .
- Gaalaas , R . F . , and Plowman R . D . (1963) .** Relationship between
 longevity and production in Holstein Friesian cattle J . Dairy .
 Sci . , 46 : 27
- Gad , M . E . (1995) A study for some productive traits in dairy cattle.**
 M . Sc . Thesis , Fac . Agric . , Moshtohor , Zagazig Univ . , Banha
 Branch , Egypt .
- Galal , E . S . E . ; Kebede , B . , and Tegegn , A . , (1981) .**
 A study on the reproduction of local Zebu and F1 crossbred
 (European x Zebu) cows . II . Age at first calving and calf
 production . Ethiopian J . Agric . Sci . , 3 (2) : 81
- Ghanem , Y . S . ; Mondour , M . A . ; El-Bayomi , K . M . ; and
 Badran , A . E . (1991) Genetic parameters of some lactation
 traits in Friesian cows in Egypt . Zagazig J . Agric . Res . , 18 (4)
 : 1071 .**

Gill ,G .S.and Allaire , F . R . (1975) Relationship of first lactation performance , lifetime production and economic efficiency . J . Dairy Sci . , 59 , 1319 .

Gill , G . S . and Allaire , F . R . (1976) : Genetic and phenotypic parameters for profit function and selection method for optimizing profit in dairy cattle . J . Dairy Sci . , 59 : 1325 .

Gilmore , J . A . (1977) .The relationship of milk yield and other traits measured early in life to a dairy cattle profitability model including health and opportunity costs . PH .D . Thesis , North Carolina State University , Raleigh , NC .

Gonzalo , P . ; and Vaccaro , I . (1987) . Milk yield , reproduction and viability in a Holstein-Friesian herd in the Venezuelan Andes . Maracay , Venezuela , 77 , . A . B . A . 56 (5) : 362 .

Gopal , D . and Bhatnager , D . S . (1972) : The effect of age at first calving and first lactation yield on lifetime production in Sahiwal cattle . Indian . J . Dairy Sci ; 25 : 129 .

Guha , H . , Gupta , S . , Moulick , S . K . and Bhattacharya , S . (1968) . Factors affecting age at first calving in Haryana cattle Indian . J . Dairy Sci . , 21:57 .

Gyawu , P .; Asare ,K ,and Karikari ,P.K.(1988) . The performance of imported Holstein Friesian cattle and their progeny in the humid tropics . Bulletin of animal health and production in Africa,36 (4) 362 .A . B. A .58 (5) : 389 .

Hargrove , G . L ; Salazar , J . J ., and Legates , J.E . (1969) . Relationships among first-lactation and lifetime measurements in a dairy population . J . Dairy Sci ,: 52 : 651 .

Harris , B . L . (1989) . Newzeland dairy cow removal reasons and survival rate . N . Z . J .Agric . Res . 32 : 355 .

Harville , D . A . and Henderson , C .R . (1966) Interrelationships among sir , age , body weight and productive traits during first lactation of dairy cattle . J . Dairy Sci . , 49 , 1254 .

Harvey , W . R . (1990) Users guide for LSMLMW mixed model least sqaures and maximum likelihood Computer program , P C- Version 2 ,Ohio State University ,Colubus ,USA (memeoyraph)

Hickman , C . G . , and Henderson , C . R . (1955) . Components of the relationship between level of production and rate of maturity in dairy cattle . J . Dairy Sci , 38 : 883 .

Hinks , G . J . M . (1966) . Selection practices in dairy herds . II . selection patterns in the later lactations . Anim . Prod . , 8 : 481 .

References

- Hoque , M . and Hodges , J , (1980) .** Genetic and phenotypic parameters of lifetime production traits in Holstein cows . J . Dairy Sci . , 63 : 1900 .
- Hough , G.M . ; Morris , R . J . ; Treasure , F . J . ; Long bottom , K . F . (1990) .** Age at first calving for production- recorded Friesian dairy cattle in Western Australia Anim.Prod . , 18, 495 . , A . B . A . 59 (9) : 793 .
- Hudson , G . F . S , and Van Vleck , L . D . (1981) .** Relationship between production and stayability in Holstein cattle . J . Dairy Sci . , 64 : 2246 .
- Jadhav , A . and Khan , F . K . (1995) .** Genetic and non-genetic factors affecting first lactation yield in Holstein x Shahiwal crossbred. Indian J . Dairy Sci . , 48 (3) : 251 .
- Jairath , L . K . , Hayes , J . F . and Cue , R . 1 . 1994 .** Multitrait restricted maximum likelihood estimates of genetic and phenotypic parameters of lifetime performance traits for Canadian Holsteins . J . Dairy Sci . , 77 : 303 .
- Jannella , G . G . ; Orlandi , M . ; Colombani , B . ; Verita , P . ; Pastorelli ; S . ; Presiuso , G . (1986) .** Reproductive parameters of Friesian cattle reared in the provinces of Grosseto and Pisa . Annali della facolta di Medicina Veterinaria di Pisa , 38 : 51 . A.B.A . 55 (5) : 358 .

- Juma , K. H . ; Al-Tikriti , S. T. R. (1990) .** Performances of Brown Swiss and Friesian cattle in central Iraq . Edinburgh , UK , A.B.A .59 (7): 639 .
- Khanna ,A.S ., Jaiswal U . C and Kanaujia ,A . S . (1995) .** Reasons of disposal and relative culling rates in different genetic groups of crossbred cattle . Indian J .Dairy Sci ., 48 , 11 ; 622 .
- Khattab , A .S. (1992) .** Lifetime production and longevity of Friesian cows in relation to their sires' breeding values . J . Agric . Res ; Tanta Univ . , 18 (4) : 579 .
- Khattab , A . S . and Sultan , Z . A . (1990a) .** Estimates of phenotypic and genetic parameters of first lactation performanes in Friesian cattle in Egypt .Egypt . J . Anim Prod ., 27 (2) : 147 .
- Khattab , A . S . and Sultan , Z . A . (1990 b) .** A comparison of different selection indices for genetic improvement of some dairy traits in Friesian cattle in Egypt . J .Anim . Breed . Genet . ,108 : 349 .
- Khattab , A . S ; Abdel-Glil , M . F . and Salem A . Y . (1994) .** Estimation of genetic parameters and sire values for lifetime production and longevity traits in Friesian cows in Egypt . J . Agric . Sci .,Mansoura Univ . , 19 (2) : 483 .

Klassen , E .P .C ., Monardes , H . G ., Jairath , L .K ., Cue , R .I

.,and Hayes ,J. F. (1992) . Genetic correlations between lifetime production and linearized type in Canadian Holsteins . J .Dairy Sci .75 : 2272 .

Koul , G . L ., Pandey , H . N .and Katpatal , B . C . (1985) .

Studies on age at first calving and its relationship with weigh and first lactation milk yield in crossbreds . Ind . J . Dairy Sci . , 38 : 332 .,A.B.A. 54 (7) : 559 .

Kulak , K . K ., Dekkers , J . C . M , McAllister , A . J ., and

Lee , A . J . (1997a) . Lifetime profitability measures for dairy cows and their relationships to lifetime performance traits . Can . J . Anim . Sci .,77 : 609 .

Kulak , K . K . Dekkers , J . C . M ., McAllister , A . J . , and

Lee A . J . (1997b) . Relationships of early performance traits to lifetime profitability in Holstein cows Can .J.Anim . Sci 77: 617.

Lamb , R . C ., and Kopland , D .V .(1963) . Influence of age at

first calving and calving interval on production per day of life and interval on production per day of life and total lifetime production . (Abstr) J . Dairy Sci . , 46 : 620 .

Lee . A . J .(1974) . Month . year and breed effects on age adjustment

of first lactation milk yield . J . Dairy Sci . 57 : 332 .

References

- Leroy , P. (1988)** . Stayability of daughters of Black and White(BW), Holstein (HF) and (HF) x (BW) crossbred sires used in Belgium . J . Anim . Breed.Genet .105 : 43 .
- Lin , C . Y . and Allaire , F . R . (1978)** . Efficiency of selection on milk yield to a fixed age . J .Dairy Sci . , 61 : 489 .
- Lundgren , M . (1990)** . Fertility of cows in Sweden . Beskrivning av fruktsamheten hos kor i sverige Meddelande-Svensk Husdjursskotsel . No . 160 : 11 , A.B.A. 58 (8) : 730 .
- Madgwick , P . A . and Goddard , M . E . (1989)** . Genetic and phenotypic parameters of longevity in Australian dairy cattle . J . Dairy Sci . , (72) : 2624 .
- Managurkar , A . R . ; Gokhale , S . B . ; and Rangnekar , D . V . (1984)**Genetic studies on age at first calving in Holstein and Jersey corssbred heifers in Maharashtra . Indian J . Anim Sci . 34 : 1984 .
- Mangurkar , B . R . ; Phandis , Y . P . and Pande , A . B . (1987)** . First lactation performance of imported Canadian Holstein Friesian and Jersey heifers in India .World Review of Anim .Prod , 23 (2) : 3 , 5 , 27-32 . A.B.A. ,57 (11) : 917 .

References

- Moore , R. K. , Kennedy . B. W . , Schaeffer , L. R . and Moxly , J. E . (1990) .** Relationships between reproduction traits , age and body weight at calving and days dry in first lactation Ayrshires and Holsteins . J .Dairy Sci . , 73 : 835 .
- Morsy , M . A . , Nigm , A . A . ; Sadek , R . R . and El-Rawy , A . (1986) .** Some production characteristics of Friesian and Jersey cattle in Lybia . Egypt . J . Anim . Prod . , 26 (1) : 15., A .B .A . 58 (2) : 80 .
- Mostageer , A . , Afifi, Y.A ., Morsy , M . A . and Nigm A . A . (1987) .** Grading-up Baladi cattle with Friesians in Egypt .J. Anim . Breed. Genet . (104) : 383 .
- Nagarcenkar, R . (1964):** Heritability of economic characters in Italian Friesian cows . D.S.A . , 27: 2676 .
- Neiva , R.S ; Oliveira ; A . I . G . DE ; Coelho, M . M . ; Silva , A . R . P . DA ; Silva , H . C . M . DA ; Packer , I .U. (1992) .** Environmenmental and genetic factors affecting production and reproduction in Holstein and Brown Swiss cattle .3 -Age at first calving . Revista da sociedade Brasileira de Zootecnia , 21 (4) 623 .,A.B.A . 61 (5) : 298 .
- Nieuwhof , G . J . , Powell R . L . and Norman H . D . , (1989) .** Age at calving and calving interval for dairy cattle in the United States . J .Dairy Sci . , 72 : 685 .

- Nobre , P.R.C. ; Milagres , J. C . ; Ludwig ,A. and Fonseca , F .
A(1984) . Genetic and environmental factors affecting length of
calving interval , age at first calving in the dairy herd at the
Fedral University of Vicosa , Minas Gerais State . Revista da
Sociedade Brasileira Zootecnia ,13 : (3) 347 . A.B.A. 53 (8) :
616 .**
- Norman , H . D . , Powell R . L . , Wright J .R ., and Pearson
R . E . (1996) . Phenotypic relationship of yield and type scores
from first lactation with herd life and profitability . J . Dairy . Sci
79 : 689 .**
- Oldenbrock , J.k .(1984) . A comparison of Holstein Friesians ,Duch
Friesian and Duch Red and Whites .1-Production characteristics
.J.Livestock production.Sci.11 : 69.**
- Osman A . and Kassim , H . (1983).Lactation al performance of
imported Australain Friesian in Malisia under Zero grazing
.Tokyo , Japan .,Japanese Society of Zootechnical Sci .(1983):
881 , A.B.A . 53 (9) :710 .**
- Perez C . , C ; Buzzetti , I . , G ., Barria P . N . , and Gonzalez M
., F .(1985) . Milk yield characters in Holstein-Friesian cows
in the Metropolitan region of Chile .I.Phenotypic characters
and factors affecting variation . Cinecia ,Investigation Agraria
,12 (2) 121 ., A.B.A . 54 (5) :356 .**

References

Parker , J . B ., Bayley N . D ., Fohrman M . H . , and Plowman R . D . (1960) . Factors influencing dairy cattle longevity . J . Dairy Sci . , 43 : 401 .

Patro . B . N . and Rao , A . S . (1983) : Inheritance of age at first calving , calving interval and breeding efficiency in different lactations of Red Sindhi cows . Indian J . Anim . Sci . , 53 : 754 .

Polastre , R . ; Milagres J . C . , Assis ; P . S . and Fre , C . A . (1987) . Genetic and environmental effect on the performance of Holstein-Friesian x Zebu cows . 4. Lactation length Revista da Sociedade Brasileira de Zootecnia , 16 (3) : 254- (A . B . A . , 56 (5) : 357) .

Ponce , D . L . and Gomez , M . (1988) . Genetic and environmental factors affecting long – term reproduction and longevity in the Holstein breed . Cuban J Agric . Sci . , 22(1) 9 ; A.B.A . 56 (8) : 6 49 .

Ponce , D . L . and Hernandez , A . (1987) . Productivity of Holstein cows with three lactation . 1 . some environmental factors . Cuban J Agric . Sci . , 21(3) 217. A . B . A . 56 (5) : 345 .

Powell , R . L . , 1985 . Trend of age at first calving . J . Dairy Sci . , 68 : 768 .

References

- Prasad , R.B . and Manglik , V.P . (1987) .** Prediction of herd life milk production and profit in dairy cattle . A.B.A . 56 : 1889 ,
- Rako , A . and Karadjole , I . (1984) .** The effect and importance of calving season on fertility and milk yield . Stocarstvo (1984) . 38 (3 -4) 123 . A.B.A . 53 (1) : 32 .
- Renkema ,J.A . , and Stelwagen , J . (1979) .** Economic evaluation of replacement rates through improved health . Livest .Prod . Sci . 6 : 13 .
- Robertson , K . J . and January (1964).** Livestock records Bureau Newsletter , No . 24 . Scottish . Livestock Records Bureau , Edinburgh .
- Robertson ,A . , and Barker J.S.F. (1966) .** The correlation between lactation milk production and longevity in dairy first cattle J . Anim .Prod . 8 . , 241 .
- Roy , P . K . and Tripathi ,V .N . (1990) .** Factors affecting lifetime performances in Holstein x Zebu crosses . Indain Vet.J.(67).29.
- Salem , M . A . (1991) .** Effects of age at first calving and other environmental factors on milk production of imported and locally born Friesian cattle . M .Sc . Thesis , Fac . Agric . , Moshtohor , Zagazig Univ.,Banha Branch , Egypt .

- Salem , M . A . , (1998)** Evaluation of milk production traits for cows of commercial dairy herds in Egypt . Ph . D . Thesis , Fac . , Agric . , Moshtohor , Zagazig Univ . , Banha Branch , Egypt .
- Sallam , M . T . , El-Feel F . M . R . and Khattab A . S . (1990).**
Effect of genetic and non-genetic factors on productive and reproductive traits in Friesian cows in Egypt .Minia J.Agric.Res . and Dev . 12 (1) . 521 .
- Sattler , C . G . and Dentine , M . R . (1989) .** Trends in herd age stucture and the relationships with management characteristics in Wisconsin Holstein herds . J . Dairy Sci . 72 : 1027 .
- Schaeffer , L . R . , and Henderson C . R . (1972) .** Effects of days dry and days open on Holstein milk production . J . Dairy Sci , Vol . 55 (1) : 107 .
- Sethi , R . K . ; Nagarcenkar , R . and Sundaresan , D . (1982) .**
Note on comparative performance of three-and four-breed crosses in dairy cattle .Ind J .Anim . Sci . ,52 : 928 .
- Swiger , L . A . , Harvey , W . R . , Everson , D . O . , and Gregory K . E . (1964) .** The variance of intra-class correlation involving groups with one observation Biometries , 20 : 818 .

- Sharaby , M .A .and El-Kimary , I.S . (1982) .** Genetic control and sire evaluation for age at first calving in Egyptian buffaloes and Friesian cows .Alex . J .Agric .,Res ., 30 : 85 .
- Sharaby ,M .A, El-Kimary., I.S .and Morsi,G.A . (1983) :** Factors affecting herd life and productive life in Egyptian buffalos . J . Agric . Res . Tanta univ ., 9 : 22 .
- Short , T . H . and Lawlor , T . J . , (1992) .**Genetic Parameters of conformation traits , milk yield and herd life in Holsteins . J . Dairy Sci ., 75 (7) : 1987 .
- Silva , H . M . Wilcox , C .J . , Spurlock , A . H ., Martin , F .G ., and Becker , R . B . (1986) .** Factors affecting age at first parturition , life span and vital staistics of . Florrida dairy cows . J . dairy Sci .,69 : 470 .
- Singh , N P . , Deb , S .M . and Mehrotra , S . (1997) .** Performance of Holstein cattle in Temprate Hills in India J . Dairy sci . 50 , 1 : 7 .
- Singh ,. R .;Tomar, S . S . ; Sadana , D . K . (1988) .**Genetic analysis of age at first calving in Karan Fries cattle . Indian Vet . Journal , 65 (5) 407 , A.B.A . 58 (5) : 384 .

Smith .L .A ., Cassell B .G .and Pearson R .E .(1998) .The effects of Inbreeding on the lifetime performance of dairy cattle . J .Dairy Sci . 81 : 2729 .

Sultan ,Z.A. and Khattab , A . S . (1989) . Genetic and phenotypic parameters of lifetime production traits in Friesian cattle in Egypt. Agric . Sci . Moshtohor , A.R.E . , 27 (1) : 273 .

Thorpe,W.,Morris,C.A . and Kangethe , P . (1994) . Crossbreeding of Ayrshir ,Brown Swiss , and Sahiwal for annuai and lifetime milk yield in the low and tropics of Kenya J . Dairy . Sci 77: 2415 .

Turner , H . N . and Young , S .S . Y . (1969) Quantitative genetics in sheep breeding . 1st Ed . MacMill of Australia .

Van Doormaal , B . J ., Schaeffer , L .R.and Kennedy , B . W . (1985) . Estimation of genetic parameters for stayability in Canadian Holsteins .J.Dairy Sci . 68 : 1763 .

Van Raden , P . M . and Klaaskate , E . J . H . (1993) .Genetic evaluation of length of productive life encluding predicted longevity of live cows . J . Dairy Sci .,76: 2758 .

Van Vleck , L .D . (1964) . First lactation performance and herd life J . Dairy , Sci , 47 : 1000 .

References

- Veerkamp , R. F . , Hill , W.G . , Stott A . W . , Brotherstone S . , and Simm G . (1995).** Selection for longevity and yield in dairy cows using transmitting abilities for type and yield . Anim . Sci . 61 : 189 .
- Vollema , A . R . and Groen , A.B.F . (1996) .** Genetic parameters of longevity traits of an up-grading population of dairy cattle J . Dairy Sci 79 : 2261 .
- White , J . M . and Nichols , J.R . (1965) .** Relationships between first lactation , later performance , and length of herd life in Holstein Friesian cattle . J . Dairy Sci , 49 : 468 .
- Weigel , D . J . , Cassell , B.G . Hoeschele , I . and Pearson , R . E . (1995) .** Multiple - trait prediction of transmitting abilities for herd life and estimation of economic weights using relative net income adjusted for opportunity cost . J Dairy . Sci . 78 : 639 .
- Weigel ,K. A .,Lawlor T . J . JR ., Vanraden , P . M .and Wiggans , G . R . (1998) .** Use of linear type and production data to supplement early predicted trans-mitting abilities for productive life . J . Dairy Sci 81 : 2040 .

References