

## Works cited

- ADAMETZ, L. Ueber die Herkunft der Karakulschafe Bocharas und die Entstehung der Lockenbildung am Lammvliese dieser Rasse. *Z. Tierzücht. Züchtungsbiol.*, VIII(1). 1927
- AGROTIS, A.C. *Sectional report of the animal husbandry services for the year 1966*. Republic of Cyprus. 1967.
- AKTAŞ, G. Aspects of production in Awassi and White Karaman ewes. Effect of age and month of lactation on production. 1970 *Lalahan Zootečni Arastirma Enst. Dergisi*, 10(1/2): 16-30. (In Turkish with a summary in French)
- AL-AUBAIDI, K.S., TOMA, R.Y., AL-SABI, I.M., KOSTER, K. & JONES, R.G. *Evaluation of fall shearing of Awassi lambs*. 1968 Animal Husbandry Research and Training Project, Baghdad. Rome, FAO. Technical Report No. 10.
- ALEF, B. *Additional lambing and summer lambing of dairy ewes*. Ministry of Agriculture, Instruction Office, Beyt Shean. (In Hebrew) 1971
- ALEF, B. *Frequent and additional lambing in dairy sheep*. Ministry of Agriculture, Instruction Office, Beyt Shean. (In Hebrew) 1972
- ALEF, B. Observations in a flock at Kefar Yehezqel. *Hanoked*, 41(86):29-31. (In Hebrew) 1979
- AMIR, D. *Seasonal fluctuations in the sexual activity of local and imported rams and the factors affecting them*. The National and University Institute of Agriculture, Rehovot, Israel. Bull. No. 62. (In Hebrew with an English summary) 1964
- AMIR, D. & VOLCANI, R. The sexual season of the Awassi fat-tailed ewe. *J. Agric. Sci.*, 64:83-85. 1965a
- AMIR, D. & VOLCANI, R. Seasonal fluctuations in the sexual activity of Awassi, German Mutton Merino, Corriedale, Border-Leicester and Dorset Horn rams. I. Seasonal changes in semen plasma volume and its fructose and citric acid concentrations. *J. Agric. Sci.*, 64:115-120. 1965b
- AMIR, D. & VOLCANI, R. Seasonal fluctuations in the sexual activity of Awassi, German Mutton Merino, Corriedale, Border-Leicester and Dorset Horn rams. II. Seasonal changes in semen characteristics. *J. Agric. Sci.*, 64:121-125. 1965c
- AMIR, D. & VOLCANI, R. Seasonal fluctuations in the sexual activity of Awassi, German Mutton Merino, Corriedale, Border-Leicester and Dorset Horn rams. III. Seasonal changes in the fructolytic and respiratory rate of spermatozoa. *J. Agric. Sci.*, 64:127-130. 1965d
- AMIR, D. & VOLCANI, R. Seasonal fluctuations in the sexual activity of Awassi, German Mutton Merino, Corriedale, Border-Leicester and Dorset Horn rams. IV. Seasonal changes in the spermatogenic activity of Awassi rams and their relationship to the fructose and citric acid contents of semen. *J. Agric. Sci.*, 64:131-134. 1965e
- AMIR, D. & SCHINDLER, H. The conception rate of ewes after artificial insemination at different times during oestrus. 1972 *J. Reprod. Fert.*, 28:261-264.
- AMIR, D., SCHINDLER, H., EYAL, E., LEHRER, A.R. & KEMPENICH-PINTO, O. The effect of the ratio of dilution of ram semen in different diluents on the conception rate. *Ann. Biol. Anim., Biochim., Biophys.*, 13(1): 1-5. 1973
- AMIR, D. & SCHINDLER, H. Artificial insemination in the sheep breeding establishment. *Hanoked*, 75:26-29. (In Hebrew) 1974
- AMPY, F.R. & ROTTENSTEN, K.V. Fertility in the Awassi sheep. I. Seasonal influence on fertility. *Trop. Agric. (Trinidad)*, 45(3): 191-197. 1968
- ANATI, E. Fat-tailed sheep in Arabia. In *Rock-art in central Arabia*, Vol. 2. Louvain-Leuven, Institut Orientaliste. 1968
- ANTONIUS, O. *Grundzüge einer Stammesgeschichte der Haustiere*. Jena, Gustav Fischer. 1922
- ASKER, A.A. Some economic characteristics of Awassi sheep in Iraq. *J. Anim. Prod. (UAR)*, 4:1-10. 1964
- ASKER, A. A., EL-KHALSY, I. G. & JUMA, K.H. Effect of docking on growth and development of Awassi lambs. *J. Anim. Prod. (UAR)*, 4(1):11-26. 1964
- ASKER, A.A. & EL-KHALISI, I.J. Some observations on commercial flocks of sheep in Iraq. *Ann. Agric. Sci.*, 10(2): 17-28 1966 (1965). (Cairo, A'in Shams University)
- ASKER, A.A. & JUMA, K.H. Some factors affecting fleece weight of Awassi sheep in Iraq. *Iraqi J. Agric. Sci.*, 1(1):33-39. 1966
- ATZMON, J. & DORON, N. *Report on experiments and demonstrations in the sheep flock of Acre Stock Farm*. Acre, Sheep Breeders' Association, Israel Ministry of Agriculture. (In Hebrew) 1951
- BARNICOAT, C.R., LOGAN, A.G. & GRANT, A.I. Milk-secretion studies with New Zealand Romney ewes. Parts III and IV. 1949 *J. Agric. Sci.*, 39:237-248.
- BAROUDI, A.A.G. & COLLINS, E.B. Microorganisms and characteristics of laban. *J. Dairy Sci.*, 59(2): 200-202. 1976
- BARR, A.M. Preliminary studies on the oestrus cycle phenomena of the Awassi ewes in Lebanon. *Magon*, 24:1-16. (Tel-Amara) 1968
- BARR, A.M. The postnatal development of the testes and epididymides in the Awassi rams under Lebanese environment. 1969 *Magon*, 30:1-24. (Tel-Amara)
- BECKER, D. *Sheep breeding*. Merhavva, The Sheep Breeders' Association of Israel. (In Hebrew) 1958
- BELSCHNER, H.G. *Sheep management and diseases*. 2nd ed. Philadelphia and Toronto, The Blakiston Company. 1951
- BENJAMIN, R. W., DEGEN, A. A. & VACHNICH, M. Food and water requirements of Awassi and German Mutton Merino sheep under different environmental conditions. *Israel J. Med. Sci.*, 10:284-285. 1974
- BREASTED, J.H. *Ancient times: a history of the early world*. Boston, Ginn and Company. 1935
- CARASSO, Y. Export of Awassi sheep to Spain in 1971. *Hanoked*, 74:31-32; 76:18-19. (In Hebrew) 1974
- CBABG (Commonwealth Bureau of Animal Breeding and Genetics). *News-Letter*, No. 59:6.

- 1969  
CHEN, M. *The relationship between water and food consumption of sheep and its use in determining food intake*. Rehovot, Israel, 1976 Faculty of Agriculture, Hebrew University. (M.Sc. thesis) (In Hebrew)
- CHILDE, V.G. *What happened in history?* New York, Harmondsworth. 1946
- CHOUËIRI, E., BARR, A.M. & KHALIL, K. Some reproductive and productive aspects of the Awassi sheep in Lebanon. *Magon*, 1966 3:1-11. (Tel-Amara)
- CYPRUS AGRICULTURAL RESEARCH INSTITUTE (ARI). *Cost and returns of sheep and goats*. Nicosia. Farm Management Report 1964 No. 3.
- CYPRUS ARI. *Annual report, 1968*. Nicosia, Ministry of Agriculture and Natural Resources. 1969
- CYPRUS ARI. *Annual report, 1970*. Nicosia, Ministry of Agriculture and Natural Resources. 1970
- CYPRUS ARI. *Annual report, 1971*. Nicosia, Ministry of Agriculture and Natural Resources. 1972
- CYPRUS ARI. *Annual report, 1972*. Nicosia, Ministry of Agriculture and Natural Resources. 1973
- CYPRUS ARI. *Annual report, 1974*. Nicosia, Ministry of Agriculture and Natural Resources. 1975
- CYPRUS ARI. *Annual report, 1978*. Nicosia, Ministry of Agriculture and Natural Resources. 1979
- DEGEN, A. A. & MORAG, M. Thermoregulation in Awassi and German Mutton Merino sheep in a hot desert. *Israel J. Med. Sci.*, 10:282-283. 1974
- DEGEN, A.A. *Physiological responses of native fat-tailed Awassi and imported German Mutton Merino sheep to desert conditions*. University of Tel-Aviv. (Ph.D. thesis) 1976
- DEGEN, A.A. Fat-tailed Awassi and German Mutton Merino sheep under semi-arid conditions. 1. Total body water, its distribution and water turnover. *J. Agric. Sci.*, 88:693-698. 1977a
- DEGEN, A.A. Fat-tailed Awassi and German Mutton Merino sheep under semi-arid conditions. 2. Total body water and water turnover during pregnancy and lactation. *J. Agric. Sci.*, 88:699-704. 1977b
- DEGEN, A.A. Fat-tailed Awassi and German Mutton Merino sheep under semi-arid conditions. 3. Body temperatures and panting rate. *J. Agric. Sci.*, 89:399-405. 1977c
- DEGEN, A.A. Responses to dehydration in native fat-tailed Awassi and imported German Mutton Merino sheep. *Physiol. Zool.*, 50(4):284-293. The University of Chicago Press. 1977d
- DEGEN, A.A. & SHKOLNIK, A. Thermoregulation in fat-tailed Awassi, a desert sheep, and in German Mutton Merino, a mesic sheep. *Physiol. Zool.*, 51(4):333-339. The University of Chicago Press. 1978
- DORON, N. An experiment of rearing male and female lambs on a restricted milk ration. *Hanoked*, 26/27:16-22. (In Hebrew) 1954a
- DORON, N. Examination of the ewe's yield during the suckling period and the requirement of the lamb. *Hanoked*, 26/27: 24-26. (In Hebrew) 1954b
- DUERST, J.U. Animal remains from the excavations at Anau, Turkestan. In *Explorations in Turkestan 1904*. Washington, D.C. 1908
- EDELMAN, Z. *The effects of several factors on persistency of lactation in Awassi ewes*. Jerusalem, Hebrew University. (M.Sc. thesis) (In Hebrew) 1963
- EICHLER, W. Outline of Iraqi parasitology. *Beiträge zur tropischen und subtropischen Landwirtschaft und Tropenveterinärmedizin*, 5(3):293-309. (Leipzig, Karl-Marx-Universität) 1967
- ELİÇİN, A. Ceylanpınar Devlet Üretim Çiftliğinde Yetiştirilen İvesi Koyunlarının Süt Verimi, Laktasyon Uzunluğu ve Yüzde Yađinnisbeti ile İlgili Arařtırmalar. Faculty of Agriculture, University of Ankara. (Ph.D. thesis) (Unpublished) 1964
- ELIYA, J. *Studies on some economic characteristics in Awassi sheep*, University of Baghdad. (M.Sc. thesis) 1969
- ELIYA, J., ABDUL MA'ALY, H.N., KOSTER, K. & JONES, R.G. *Effect of season and individual on the percentage and quantity of wax in Awassi wool*. Rome, FAO. University of Baghdad, College of Agriculture Technical Report No. 23. 1969
- ELIYA, J. & JUMA, K.H. Weight and body dimensions in Awassi sheep. *Iraqi J. Agric. Sci.*, 5:3-8. 1970a
- ELIYA, J. & JUMA, K.H. Birth weight, weaning weight and milk production in Awassi sheep. *Trop. Agric. (Trinidad)*, 47:321-324. 1970b
- ELIYA, J., JUMA, K.H. & AL-SHABIBI, M. A note on the composition and properties of Awassi sheep milk. *Egypt. J. Anim. Prod.*, 12(1):51-54. 1972
- EL-MEKKAWI, F.M. Progesterone and pregnant mare serum (PMS) in the control of lambing percentages in Awassi ewes. 1965 *J. Vet. Sci., VAR*, 2:49-56.
- EPSTEIN, H. Domestication features in animals as functions of human society. *Agric. Hist.*, 29:137-146. In Wagner, L.P. and 1955 Mikesell, M.W., eds., *Readings in cultural geography*. The University of Chicago Press, pp. 290-301.
- EPSTEIN, H. An Awassi sheep with docked tail. *Refuah Vet.*, 14(2):64,101-102. 1957
- EPSTEIN, H. The development and body composition of docked and undocked fat-tailed Awassi lambs. *Empire J. Exp. Agric.*, 1961 29(114):110-119.
- EPSTEIN, H. & HERZ, A. Fertility and birth weights of sheep in a subtropical environment. *Z. Tierzücht. Züchtungsbiol.*, 1964 80:232-266.
- EPSTEIN, H. *Domestic animals of China*. Farnham Royal, Bucks., England, Commonwealth Agricultural Bureaux. 1969
- EPSTEIN, H. *Fettschwanz- und Fettsteiss-Schafe*. Wittenberg-Lutherstadt, A. Ziemsen. 1970
- EPSTEIN, H. *The origin of the domestic animals of Africa*. Leipzig edition, New York, Africana Publishing Corporation. 2 vols. 1971
- EPSTEIN, H. The Awassi sheep in Israel. *Wild Rev. of Anim. Prod.*, XIII(2): 19-26.

- 1977  
EPSTEIN, H. Awassi sheep. *Wild Anim. Rev.* (FAO), 44:9-18.
- 1982  
EROKHIN, A.I. Productivnost' i kachestvo shersti ovets porodny avasi v Sirii [Wool production and quality of Awassi sheep in 1973 Syria]. *Nauchnye Trudy Voronezhskii SeVskokhozyaistvennyi Inst.*, 8(3): 157-162.
- EVANS, J. V., HARRIS, H. & WARREN, F.L. Haemoglobin and potassium blood types in some non-British breeds of sheep and 1958 in certain pure British breeds. *Nature*, 182:320-321.
- EWART, J.C. *Domesticated sheep and their ancestors*. Trans. of the Highland and Agr. Soc. of Scotland. Fifth ser., vols. XXV 1913-14 and XXVI. Edinburgh.
- EYAL, E. The introduction of rams as a factor influencing sexual activity of ewes. *Ktavim* (Rehovot, Israel), 8(3-4):359-366. 1958
- EYAL, E., VOLCANI, R. & SHARAV, E. Milk secretion in sheep and problems of the efficiency of milking. *Hanoked*, 40:7-10. (In 1958 Hebrew)
- EYAL, E. & GOOT, H. Commercial crossbreeding for lamb production. *Hassadeh*, 40(10): 1-4. (In Hebrew) 1960
- EYAL, E. Shorn and unshorn Awassi sheep. I. Body temperature. *J. Agric. Sci.*, 60:159-168. 1963a
- EYAL, E. Shorn and unshorn Awassi sheep. II. Pulse rate. *J. Agric. Sci.*, 60:169-173. 1963b
- EYAL, E. Shorn and unshorn Awassi sheep. III. Respiration rate. *J. Agric. Sci.*, 60:175-181. 1963c
- EYAL, E. Shorn and unshorn Awassi sheep. IV. Skin temperature and changes in temperature and humidity in the fleece and 1963d its surface. *J. Agric. Sci.*, 60:183-193.
- EYAL, E. The determination of the haemoglobin type: a possible means of assistance in the selection of sheep adapted to the 1968 environment. *Hanoked*, 29(68):22-27. (In Hebrew)
- EYAL, E. & GOOT, H. *Vital statistics and milk and lamb production of F<sub>1</sub> ewes (Awassi x East Friesian) under farm conditions*. 1968 Beyt Dagan, The National University Institute of Agriculture. Pamphlet No. 124. (In Hebrew)
- FAHMY, M.H., GALAL, E.S.E., GHANEM, Y.S. & KHISHIN, S.S. Crossbreeding of sheep under semi-arid conditions. *J. Anim.* 1968 *Prod.* (UAR), 11(3):351-360.
- FÀI, I. *Evolution de l'élevage ovine et du contrôle laitier des brebis en Israël*. Symposium on Milk Recording Practices for Sheep 1972 and Goats in memoriam of Dr M. Finci, Israel. (March)
- FÀI, I. *Instructions for the carrying out of milk control*. Sheep Division, Israel Ministry of Agriculture. (Mimeo.) (In Hebrew) 1972-73
- FÀI, I. From the history of the sheep branch on the Jewish farm. *Hanoked*, 41(86): 11-27. (In Hebrew) 1979
- FÀI, I. *La production ovine en Israël*. International Symposium on Pastoral Sheep Farming Systems in Intensive Economic 1981 Environments, 8-14 March. Shores, Israel.
- FAO. News and notes. An attempt to cross the agrinon (Cyprus mouflon) with domestic sheep. *Wild Anim. Rev.*, 10:46-47. 1974
- FARHAN, S.M. A., AL-KHALISI, I. J. & HAMEED, M. A. Effect of docking on growth and fattening of Awassi lambs. *Iraqi J.* 1969 *Agric. Sci.*, 4(2):57-65.
- FINCI, M. The relation between body conformation and productivity in the Cyprus fat-tailed sheep. *Empire J. Exp. Agric.*, 1938 6:25-37.
- FINCI, M. The improvement of the Awassi breed of sheep in Israel. *Bull. Res. Coun. Israel* (Jerusalem), B(6):1-106. 1957
- FOLMAN, Y., EYAL, E. & VOLCANI, R. *Lamb development and milk yields of ewes in milk and mutton flocks on the Gal-Onfarm*. 1960 Beyt Dagan, Agricultural Research Station, Ministry of Agriculture. Preliminary Report 274, 32/51:1-72. (In Hebrew)
- FOLMAN, Y. & EYAL, E. Mother-offspring relationships in flocks of Awassi sheep. *Hanoked*, 48:23-28. (In Hebrew) 1961
- FOLMAN, Y., GAON, R. & SHNURMAN, A. The influence of various factors on weight of lambs. *Hassadeh*, 42(3):1-3. (In 1961 Hebrew)
- FOLMAN, Y., VOLCANI, R., & EYAL, E. Investigation of the accuracy of milk recording in Awassi flocks, with proposals for 1962 improvement. *Israeli. Agric. Res.*, 12(3):121-130.
- FOLMAN, Y. The effect of the concentrate mixture, sex and level of nutrition on the growth rate and feed requirement of Awassi 1963 suckling lambs. *Hanoked*, 52:43-47. (In Hebrew)
- FOLMAN, Y., EYAL, E. & VOLCANI, R. Mother-offspring relationships in Awassi sheep. I. The effect of different suckling 1966a regimes and time of weaning on the lactation curve and milk yield in dairy flocks. *J. Agric. Sci.*, 67:359-368.
- FOLMAN, Y., EYAL, E. & VOLCANI, R. Mother-offspring relationships in Awassi sheep. II. Milk yields and weight gains of 1966b lambs in a mutton flock. *J. Agric. Sci.*, 67:369-370.
- FOLMAN, Y., EYAL, E. & VOLCANI, R. Mother-offspring relationships in Awassi sheep. III. The effect of different suckling 1966c regimes and weaning age on weight gains of lambs in dairy flocks. *J. Agric. Sci.*, 67:371-376.
- FOLMAN, Y., GAON, R., SHNURMAN, A. & BENJAMIN, J. The effect of the plane of nutrition on the growth rate of male Mutton 1966 Merino-Awassi crossbred lambs. *Hanoked*, 27(61):54-58. (In Hebrew)
- FOLMAN, Y., EYAL, E. & BENJAMIN, J. The effect of the plane of nutrition on the growth rate and feed conversion of Awassi and 1967 crossbred lambs. *Hanoked*, 27(65): 12-23. (In Hebrew)
- Fox, C.W., CHAABAN, R., HARDISON, W. A., BADAWI, S.M., CHOUERI, E. & MAALOUF, M. *Selection and breeding programs* 1971 *of Awassi and Chios sheep. I. Production characteristics of Awassi and Chios yearling ewes*. Lebanon, Magon Publ. 36, Série Scientifique.
- FRANKFORT, H. *The birth of civilisation in the Near East*. London, Williams and Norgate Ltd. 1951
- FRASER, A. & STAMP, J.T. *Sheep husbandry and diseases*. 4th ed. London, Crosby Lockwood & Son, Ltd. 1961
- GADZHIEV, A.J. *Report to the Government of the Syrian Arab Republic on sheep and wool production*. Rome, FAO. Report

- 1968 No. TA 2476. (Mimeo.)
- GALAL, E. S. E., GHANEM, Y. S., FARID, M. A., FAHMY, M. H. & SEUDY, A. E. M. Carcass traits and feed-lot performance of 1976 Barki, Merino and Awassi breeds of sheep and some of their crosses. *Egypt. J. Anim. Prod.*, 15(1):33-46 (1975). Cairo, Department of Animal Research, Desert Inst., Mataria.
- GALL, C. Milk production from sheep and goats. *Wild Anim. Rev. (FAO)*, 13:1-8.  
1975
- GHANNAM, S. A. M., MADHAT, M. N. & EL-SHOBOKSHY, A. S. Puberty in Awassi ram lambs. I. Effect of increasing protein level 1978 on the onset of sexual maturity. *Z. Tierzücht. Züchtungsbiol.*, 94(3-4): 226-234.
- GHANNAM, S. A.M., MADHAT, M.N. & ELTAWIL, E. A. Puberty in Awassi ram lambs. II. Development of the testes, 1978 epididymides and seminal vesicles. *Z. Tierzücht. Züchtungsbiol.*, 94 (3-4): 235-241.
- GHONEIM, K.E., ASHMAWY, G.E.M. & EL-MEKKAWI, F. Some physical properties of Awassi fleeces. *Mesopotamia J. Agric.* 1967 *Res.*, 2(1): 1-7.
- GHONEIM, K.E. & ASHMAWY, G.E.M. Some wool characteristics of Awassi ewes. *J. Anim. Prod. (UAR)*, 8(1-2):93-103.  
1968
- GHONEIM, K.E., ASHMAWY, G.E.M. & AL-MEKKAWI, F. Some wool characteristics of Awassi ewes. *Mesopotamia J. Agric.* 1968 *Res.*, 3(1/2):21-39.
- GHONEIM, K. E., TAHA, A. H., TAKA, M. R., ABDALLAH, R. K. & KAZZAL, N. T. *Some economic characteristics of Awassi sheep* 1973 *in northern Iraq*. Hammâm Al'Alii, Iraq, University of Mosul. Publication No. 22.
- GHONEIM, K.E., TAHA, A.H., KAZZAL, N.T. & ABDALLAH, R.K., Effects of non-genetic factors and estimation of genetic 1974 parameters on fleece weight of Awassi sheep in Iraq. *Trop. Agric. (Trinidad)*, 51(1):51-56.
- GILLESPIE, I.A. *Survey of the livestock industry in Iraq*. Cairo, Middle East Supply Centre. Agric. Rep. 3.  
1943
- GOOT, H. *Studies on the native Awassi sheep and its crosses with the exotic East Friesian milk sheep*. Rehovot, Israel. The 1966 National University Institute of Agriculture, Volcani Institute of Agricultural Research. Pamphlet No. 115. (In Hebrew)
- GOOT, H., FOLMAN, Y. & EYAL, E. Meat yield and carcass composition of lambs of three breeds. *Hanoked*, 27(66):24-36.  
1967
- GOOT, H. Effect of milking on fleece weight, cotts, hairiness and canary discoloration in Awassi dairy ewes. *Israel J. Agric.* 1972 *Res.*, 22(4):221-224.
- GOOT, H. Milk yield and lactation length of single- and twin-rearing Assaf dairy ewes. *Israel J. Agric. Res.*, 23(3-4): 155-158.  
1974
- GOOT, H., FOLMAN, Y., BENJAMIN, R.W. & DRORI, D. *Finn-Mutton Merino and Finn-Awassi crosses in the semi-arid zone of* 1976 *Israel*. 27th Annual Meeting, European Association for Animal Production, Zurich, 23-26 August.
- GOOT, H., EYAL, E., FOLMAN, Y. & FOOTE, W.C. *Crossbreeding to increase meat production of the native Awassi sheep*. Beyt 1978 Dagan. Progress report submitted to the United States-Israel Binational Science Foundation.
- GOOT, H., EYAL, E., FOLMAN, Y. & FOOTE, W.C. Fattening performance of halfbred and three-breed crossbred lambs in an 1982 intensive-feeding system. *Anim. Prod.*, 35(2):237-243.
- GOOTWEIN, E., ALEF, B. & GADISH, S. Mammary conformation and its heritability in Awassi-East Friesian crossbred ewes. 1979 *Hanoked*, 41(86):49-52. (In Hebrew)
- GOOTWEIN, E. & GOOT, H. *Relationship between haemoglobin types and some production traits in Finnish crosses of sheep in* 1979 *Israel*. Beyt Dagan, Institute of Animal Science. No. 132.
- GORDIN, S. Milking animals and fermented milks of the Middle East and their contribution to man's welfare. *J. Dairy Sci.*, 1980 63(6):1031-1038.
- GUIRGIS, R. A., KAZZAL, N.T., HADDADINE, M.S., & ABDALLAH, R.K. A study of some wool traits in two coarse wool breeds 1978 and their reciprocal crosses. *J. Agric. Sci.*, 90:495-501.
- GUYER, P.O. & DYER, A.J. *Study of factors affecting sheep production*. Agricultural Experiment Station, University of 1954 Montana. Research Bulletin No. 558.
- HAFEZ, E.S.E., BADRELDIN, A.L. & SHARAFELDIN, M. A. Heat-tolerance studies of fat-tailed sheep in the subtropics. *J. Agric.* 1956 *Sci.*, 47(3):280-286.
- HANSSON, N. *Fütterung der Haustiere (Utfodringslära)*. 2nd ed. Translated by F. von Meissner. Dresden-Leipzig, Theodor 1929 Steinkopff.
- HINRICHSSEN, J.K. & LUKANC, A. *Domestikationsbedingtes Deckverhalten bei Fettschwanzschafen*. Aktuelle Arbeiten zur 1978 artgemässen Tierhaltung. Tagung der Deutschen Veterinärmedizinischen Gesellschaft - Fachgruppe Verhaltensforschung, 2-4 Nov. 1978 in Freiburg. Münster-Hiltrup, Landw. Verlag.
- HIRSCH, S. Viehzucht und Milchwirtschaft in Syrien. *Z. Tierzücht. Züchtungsbiol.*, B. XXIV(3).  
1932
- HIRSCH, S. Sheep and goats in Palestine. *Palestine Economic Society (Tel-Aviv)*, VI(2).  
1933
- HUMPHREY, G.F. & MANN, T. Studies on the metabolism of semen. 5. Citric acid in semen. *Biochem. J.*, 44:97-105.  
1949
- HUSNAOUI, M. & FOX, C.W. *Production characteristics from a flock of Awassi sheep*. Proceedings, Centennial Agricultural 1967 Symposium, 1967, American University of Beirut, Lebanon.
- İMERYUZ, F., MÜFTÜOĞLU, Ş. & ÖZNAÇAR, K. A study on some characteristics of Awassi wool. *Lalahan Zootečni Araştırma* 1970 *Enst. Dergisi*, 10(4):3-13. (Summary in English)
- İNJIDI, M., KASSAB, A., & ROLLINSON, D.H.L. *Studies on the effect of climate on domestic animals in Iraq. I. Seasonal changes* 1968 *in the thyroid gland of Awassi sheep*. Animal Husbandry Research and Training Project, Baghdad, Government of Iraq. Technical Report No. 13.
- JATSCH, O. *Milchfraktionierung beim maschinellen Milchentzug des Schafes*. Giessen, Justus Liebig-Univ. (Ph.D. thesis)  
1977
- JATSCH, O. & SAGI, R. Machine milkability as related to dairy yield and its fractions in dairy ewes. *Ann. Zootech.*, 28(3): 251-  
1979 260.
- JUMA, K.H. & FARAJ, M. Factors affecting birth weights of Awassi lambs. *J. Agric. Sci.*, 67:169-172.  
1966
- JUMA, K.H. & DESSOUKY, F. Semen characteristics of Awassi rams. *J. Agric. Sci.*, 73:311-314.

- 1969  
JUMA, K.H., FARAJ, M., ELIYA, J. & AL-AUBAIDY, K. Studies on growth in Awassi sheep. *Ind. J. Anim. Sci.*, 39(6):503-512.
- 1969  
JUMA, K.H., GHARIB, F.H. & ELIYA, J. A note on studies on heat tolerance in Awassi sheep. *Anim. Prod.*, 13:369-370.
- 1971  
JUMA, K.H. & ELIYA, J. The Awassi sheep in Iraq: a review. *Ind. J. Anim. Sci.*, 43(8):714-719.
- 1973  
KAMAL, H. *Recent veterinary changes to promote the economy and develop the management of sheep and goat production in a traditional Mediterranean agricultural system*. International Symposium on Pastoral Sheep Farming Systems in Intensive Economic Environments, 8-14 March, Shores, Israel.
- 1981  
KAMINKOVA, J., AL-AZZAWI, I.L. & RAHMAN, K.A. A preliminary study of wool characteristics of Awassi rams in Iraq. 1967 *Mesopotamia J. Agric.*, 2(1):22-27.
- KARAM, H.A., JUMA, K.H., AL-SHABIBI, M., ELIYA, J. & ABU AL-MAALI, H.N. Milk production in Awassi and Hungarian 1971 Merino sheep in Iraq. *J. Agric. Sci.*, 76:507-511.
- KAZZAL, N.T. *Evaluation of some genetic and environmental factors affecting growth and development of Awassi sheep in Iraq*. 1973 University of Tennessee, USA. (Ph.D. thesis)
- KAZZAL, N.T. Predicting weaning weight of Awassi lambs from selected body dimensions. *Mesopotamia J. Agric.*, 12(1):9-16. 1977
- KELLNER, O.J. & BECKER, M. *Grundzüge der Fütterungslehre*. 15th ed. Berlin, Paul Parey. 1971
- KERN, A. *Milk of sheep*. Haifa, The Sheep Breeders' Association of Israel. (In Hebrew) 1953
- KIZILAY, E. *Comparative tests of the milking performance and adaptability of sheep types in West Anatolia and Tracia*. Ege 1975 University, Izmir. (Dissertation) (In Turkish)
- KLEIN, D. Trials on natural sheep pasture. *Hanoked*, 75:21-26. (In Hebrew) 1974
- KÖSEÖDLÜ, H. & AYTUĞ, C.N. Studies on milk production of Awassi sheep which are breeding at Çukurova stock farm. 1961 *Lalahan Zootekni Araştırma Enst. Dergisi*, 1(10):100-110. (Turkish with summary in English)
- KOSIKOWSKI, F.V. *Cheese and fermented milk foods*. 2nd ed. Ann Arbor, Michigan, Edwards Brothers. 1978
- LAVEE, A. & EYAL, E. *Raising lambs on milk replacers*. Rehovot, Israel, The Volcani Institute of Agricultural Research. 1964 Preliminary Report No. 472. (In Hebrew)
- LEWIN, M., HOROWITZ, S. & ZACKS, S. The quality of wool obtained from the Awassi sheep in Israel. Jerusalem, Institute for 1957 Fibre and Forest Products Research. (Unpublished)
- LISCHKA, R. *Der Einfluss verschiedener Aufzuchtverfahren auf die Gewichtsentwicklung von Lämmern und die Milchleistung der Mütter bei Kivircik, Awassi und Sakizschafen sowie Kreuzungen mit dem Ostfriesischen Milchschaaf*. Giessen, Justus Liebig-Univ. (Dissertation) 1976
- LOEW, B., DORI, S. & KALI, J. *Specifications for cattle feeding with addition of specifications for feeding of sheep and goats*. Tel- 1972 Aviv, Hassadeh Library. (In Hebrew)
- LOEW, B. Nutrition of livestock. In *Encyclopaedia of Livestock*, 1:254-255. (Tel-Aviv, Ma'ariv) (In Hebrew) 1980
- LYDEKKER, R. *The sheep and its cousins*. London, George Allen & Co. 1971
- MAJID, H.I., JUMA, K.H., ALCHALABI, F.A.J. & ELIYA, J. On some semen characteristics of Merino and Awassi rams. *Iraqi J. 1977 Agric. Sci.*, 12:157-174.
- MANN, T. & PARSONS, U. Effect of testicular hormone on the formation of seminal fructose. *Nature* (London), 160:294. 1947
- MARCUS, M. *The effect of the presence of the lamb on the milk yield and course of lactation of Awassi ewes*. Rehovot, Israel, 1962 Faculty of Agriculture, Hebrew University. (M.Sc. thesis) (In Hebrew)
- MASON, I.L. On the hump of the zebu. In *Man and cattle*. London, Royal Anthropological Institute. Occasional Paper No. 118. 1963
- MASON, I.L. *Sheep breeds of the Mediterranean*. Farnham Royal, Bucks., England, Commonwealth Agricultural Bureaux. 1967
- MASON, I.L. *A world dictionary of livestock breeds, types and varieties*. Farnham Royal, Bucks., England, Commonwealth 1969 Agricultural Bureaux.
- MAULE, J.P. Milking experiments with sheep in Cyprus. *Empire J. Exp. Agric.*, 5:298:306. 1937
- MAVROGENIS, A.P. & LOUCA, A. A note on some factors influencing post-weaning performance of purebred and crossbred 1979 lambs. *Anim. Prod.*, 29:415-418.
- MCLEROY, G.B. & KURDIAN, Z. *The fat lamb production potential of Awassi sheep under optimal farm flock management*. 1958 Animal Science Division, American University of Beirut. Pamphlet No. A.S. 8:1-11. (Mimeo.)
- MCLEROY, G.B., ANANIAN, P. & KURDIAN, Z. *Effect of docking and cross-breeding on carcass characteristics and body fat of 1959 lambs*. Animal Science Division, American University of Beirut. Pamphlet No. A.S. 11:1-5. (Mimeo.)
- MORAG, M., RAZ, A. & EYAL, E. Mother-offspring relationships in Awassi sheep. IV. The effect of weaning at birth, or after 1970 15 weeks, on lactational performance in the dairy ewe. *J. Agric. Sci.*, 75:183-187.
- MORAG, M. & EYAL, E. Post partum conception in lactating Awassi and East Friesian x Awassi dairy ewes. *I. Agric. Sci.*, 1971 77:109-116.
- MORAG, M., SAGI, R., RUBIN, E., ARNON, Y. & LEVY, M. *A proposal for a constantly rotating carousel for sheep milking*. Beer 1972 Sheva. (Mimeo.)
- MORRISON, F.B. *Feeds and feeding*. 22nd ed. Clinton, Iowa, Morrison Publ. Co. 1959
- MUKHAMED, I. Kachestvo shersti siriiskikh ovest porody avassi [Wool quality of Awassi sheep in Syria]. *Sbornik Nauchnykh 1973 Trudov. Moskovskaya Veterinarnaya Akademiya*, 71:53-56.
- MVM (THE MERCK VETERINARY MANUAL). 4th ed. Rahway, New Jersey, Merck & Co.

- 1973  
MVM. 5th ed. Rahway, New Jersey, Merck & Co.
- 1979  
NEJIM, H.T. The composition of Iraqi sheep's milk. *J. Dairy Res.*, 30:81-85.
- 1963  
NEL, J. A., MOSTERT, L. & STEYN, M.C. Karakul breeding and research in South West Africa with special reference to the Neudam Karakul stud. *Anim. Breed. Abstr.*, 28(2):89-101.
- NICHOLS, J.E. *A study of Empire wool production*. Leeds, Wool Industries Research Association.
- 1932  
NITSAN, Z. & VOLCANI, R. *Some factors influencing milk composition in sheep*. Beyt Dagan, Agricultural Research Station.
- 1960 Rep. No. 289(31/51):1-12. (In Hebrew)
- OWEN, J.B. A study of the lactation and growth of hill sheep in their native environment and under lowland conditions. *J. Agric. Sci.*, 48:387-412.
- ÖZCAN, B. & KAYMAZ, S. Effects of some environmental factors on milk yield in Awassi sheep and the use of part-time milk records in selection. *Lalahan Zootekni Araştırma Enst. Dergisi*, 8:17-28. (Turkish with summary in English)
- PAPADOPOULOS, J.C. *Annual report of the Department of Animal Husbandry for the year 1965*. Nicosia, Republic of Cyprus.
- 1966  
PAST, E. Schafrassen in der Türkei. *Berliner und Münchener Tierärztliche Wochenschrift*, 78(4):72-75.
- 1965  
PEERI, A. *The electrophoretic pattern of the blood serum proteins of different sheep breeds and the influence of the seasons of the year on this pattern*. Jerusalem, Hebrew University. (M.Sc. thesis)
- PERK, K. & EPSTEIN, H. The anatomy of the circulatory system of the Awasi ewe's udder. *Refuah Vet.*, 16(2): 142-145.
- 1959  
PERK, K. & LOBL, K. Chemical and paper electrophoretic analysis of normal sheep serum proteins and lipoproteins. *Brit. Vet. J.*, 116(5):1-8.
- PERK, K., FREI, Y.F. & HERZ, A. The osmotic resistance and hemoglobin pattern of erythrocytes obtained from growing lambs. *Amer. J. Vet. Res.*, 25(104):68-74.
- POMEROY, R.W. Live-weight growth. In Hammond, J., ed., *Progress in the physiology of farm animals*. Vol. 2, pp. 395-429.
- 1955 London, Butterworths Scientific Publications.
- PRITCHARD, C.J.R., PENNELL, A.E. & WILLIAMS, G.L. *A note on the wool characteristics of sheep at the Hofuf Agricultural Research Centre*. Bangor, UK, Joint Agricultural Research & Development Project, University College of North Wales, and Ministry of Agriculture and Water, Saudi Arabia.
- 1975  
PRITCHARD, C. J.R. & RUXTON, I.B. *A preliminary investigation into the effect of shade on the growth and feed intake of weaned Awassi ewe lambs*. Bangor, UK, Joint Agricultural Research & Development Project, University College of North Wales, and Ministry of Agriculture and Water, Saudi Arabia.
- 1977  
QDA (Qazvin Development Authority). *Development of sheep farming in the Qazvin area*. Qazvin, Iran. (Mimeo.)
- 1970  
RAPAPORT, A. Widespread lamb diseases. *Hanoked*, 41(86):41-48. (In Hebrew)
- 1979  
RESHEF, T. *The frequency of haemoglobin types in mutton and dairy breeds of sheep in Israel and the connection between these and a number of characteristics of sheep*. Rehovot, Israel, Hebrew University. (M.Sc. thesis)
- ROSENTHAL, I., JUVEN, B.J., GORDIN, S. & JUBRAN, N. Characteristics of concentrated yogurt (labneh) produced in Israel. *J. Dairy Sci.*, 63(11): 1826-1828.
- 1980  
ROTTENSTEN, K. V. & AMPY, F. Studies on Awassi sheep in Lebanon. 1. Production traits of a flock. *J. Agric. Sci.*, 77:371-373.
- 1971a  
ROTTENSTEN, K. V. & AMPY, F. Studies on Awassi in Lebanon. 2. Reproduction of a flock bred at four month intervals. *J. Agric. Sci.*, 77:375-377.
- 1971b  
RYDER, M.L. The histological examination of skin in the study of the domestication of sheep. *Z. Tierzücht. Züchtungsbiol.*, 1962 77(2): 168-177.
- RYDER, M.L. Fleece evolution in domestic sheep. *Nature*, 204(4958):555-559.
- 1964  
SAGI, R. & MORAG, M. Udder conformation, milk yield and milk fractionation in the dairy ewe. *Ann. Zootech.*, 23(2): 185-192.
- 1974  
SAGI, R. Udder support as a means for improving milk fractionation in dairy ewes. *Ann. Zootech.*, 27(3):347-353.
- 1978  
SCHINDLER, H., VOLCANI, R. & EYAL, E. Some characteristics of the semen of Awassi rams. *Ktavim* (Rehovot, Israel), 1957 5(3):45-51.
- SCHINDLER, H. & AMIR, D. Longevity of ram sperm in various diluents and at different dilution rates. *J. Agric. Sci.*, 56:183-189.
- 1961  
SCHINDLER, H. & AMIR, D. Length of oestrus, duration of phenomena related to oestrus, and ovulation time in the local fat-tailed Awassi ewe. *J. Agric. Sci.*, 78:151-156.
- 1972  
SCHINDLER, H. & AMIR, D. The conception rate of ewes in relation to sperm dose and time of insemination. *J. Reprod. Fert.*, 1973 34:191-196.
- SCHÜLER, J. L'élevage du mouton au Levant. *Un. ovine*, 8:281-285.
- 1936  
SHARAFELDIN, M.A. Wool characteristics of Iraqi Awassi sheep. *J. Agric. Sci.*, 65:223-225.
- 1965  
SHARAV, E. *Mechanical milking in sheep*. Rehovot, Israel, Faculty of Agriculture, Hebrew University. (M.Sc. thesis) (In Hebrew)
- 1959  
SHARAV, E., VOLCANI, R. & EYAL, E. Survey of udder morphology in a sheep flock of the Awassi breed. *Ktavim* (Rehovot, Israel), 12 (2):99-107. (In Hebrew)
- 1962  
SHARAV, E. *Secondary milking. Field trials 1963-65*. Extension Service, Israel Ministry of Agriculture, The Sheep Breeders' Association of Israel. (In Hebrew)
- 1971  
SHARAV, E. *Comparative experiments on four teat cups for sheep*. Symposium sur la traite mécanique des petits ruminants,

- 1973a Millau. (Reprint)  
SHARAV, E. *Comparison of various sheep milking systems*. Symposium sur la traite mécanique des petits ruminants, Millau.
- 1973b (Reprint)  
SHARAV, E. *Comparative experiment on four teat cups for sheep. Preliminary report*. Tel-Aviv, Extension Service, Israel  
N.D. Ministry of Agriculture.  
SHARAV, E. *Comparison of various sheep milking systems*. Tel-Aviv, Ministry of Agriculture.  
N.D.
- SHIMSHONI, A. & LAVI, A. *Several veterinary and zootechnical aspects in the breeding of East Friesian sheep and their crosses*.  
1972 Symposium on Milk Recording Practices for Sheep and Goats in memorian of Dr M. Finci, Israel. (March)
- SIDAL, H.S. *Gaziantep bölgesinde halk elinde yetiştirilen ivesi koyunların çeşitli verim özellikleri üzerinde araştırmalar* [Research  
1973 on the production efficiency of Awassi sheep bred in the Gaziantep district]. Ankara, Lalahan Zootekni Araştırma  
Enst. Bull. 30.
- SNAPP, R.R. & NEUMANN, A.L. *Beef cattle*. 5th ed. New York.  
1960
- SOLLER, M., VISOKI, M., ZAMIRI, H. & SHARAV, E. Heritability and repeatability of some selection criteria for milk production  
1966 in Awassi- (fat-tail) sheep. *Israel J. Agric. Res.*, 16(1):29-35.
- SÖNMEZ, R. *Ivesi koyunları vucut yapıları çeşitli verimleri ve bunların diğer yerli koyunlarla çeşitli verimler bakımından*  
1955 *mukâyeseleri* [Economic characteristics and body measurements of Ivesi sheep]. Ankara Üniversitesi Basımevi.  
(Ph.D. thesis)
- SÖNMEZ, R. & WASSMUTH, R. Untersuchungen über die Möglichkeiten der züchterischen Verbesserung der Milchleistung von  
1964 Awassi- (Ivesi-), Sakiz- (Chios-) und Kivircik-Schafen in der Türkei. *Züchtungskunde*, 36:23-30.
- SPÖTTEL, W. Die Verbreitung, Leistungen und Eigenschaften anatolischer Haustiere in Abhängigkeit von verschiedenen  
1938 Faktoren. *Kühh-Archiv*, 49:79-157.
- SPÖTTEL, W. Beiträge zur Kenntnis der Tierzucht in Südanatolien und der Verwertung tierzüchterischer Produkte. *Kühh-*  
1939 *Archiv*, 52:23-119.
- SPÖTTEL, W. Eigenschaften, Zusammensetzung und Verwertung der Schafmilch sowie ihre biologische Abhängigkeit. In  
1954 *Handbuch der Schafzucht und Schafhaltung*. Berlin, Paul Parey.
- TAMIME, A.Y. & ROBINSON, R.K. Some aspects of the production of a concentrated yoghurt (*labneh*) popular in the Middle  
1978 East. *Milchwissenschaft*, 33(4):209-212.
- TAŠKOVSKI, M. *Poznavanje ovèepoljske ovce* [Understanding of the Ovce Polje sheep]. Skopje, Godišen zbornik na  
1962 zemjodelsko-šumarskiot fakultet, Zemjodjelstvo knjiga, 15, 1961/62.
- THOMSON, W. & THOMSON, A.M. Effect of diet on milk yield of ewe and growth of her lamb. *Brit. J. Nutr.*, 7:263-274.  
1953
- TODOROVSKI, N. *Pridones kon poznavanjeto na mleènost i maslenost na mlekoto kaj šarplaninskata ovca* [Contribution to the  
1972 knowledge of the milk yield and fat content of the milk of Šar Planina sheep]. Skopje, Godišen zbornik na  
zemjodelsko-šumarskiot fakultet, Zemjodjelstvo knjiga.
- TODOROVSKI, N., RISTEVSKI, K. & POPOVSKI, K. Prilog poznavanju mleènosti avasi ovaca uslovljene lactacijskom krivom  
1973a [Dairy performance and lactation curve in Awassi sheep]. *Stoèarstvo*, 27(5-6):239-243.
- TODOROVSKI, N., RISTEVSKI, K. & POPOVSKI, K. Prilog poznavanju težine runa kod nas importirane avasi rase ovaca [Fleece  
1973b weight in imported Awassi sheep]. *Stoèarstvo*, 27(7-8):325-330.
- TODOROVSKI, N., RISTEVSKI, K. & POPOVSKI, K. Prilog poznavanju težine runa kod nas odraslih avasi ovaca [Contribution to  
the knowledge of the fleece weight of Awassi sheep reared in our conditions]. *Stoèarstvo*, 27:471-475.
- TODOROVSKI, N., RISTEVSKI, K. & POPOVSKI, K. Težina runa avasi ovaca odraslih kod nas [The weight of fleece of Awassi sheep  
1973d raised in this country]. *Stručni èlanci, Rasprave i prikazi, Vet.*, 22(2):263-266.
- TODOROVSKI, N., RISTEVSKI, K. & POPOVSKI, K. *Results of investigations on ecologic factors for milking capacity and fatness of*  
1973e *milk of imported Awassi sheep in Macedonia*. Bulletin Scientificque, Section A. (Yugoslavia)
- TODOROVSKI, N., TANIC, L. & STOJANOVSKI, L.J. *First results of the milkiness and fattiness of milk from imported Avasi sheep*  
1975 *in the private sector of the economy*. Bulletin Scientificque, Section A, Tome 20, No. 1-2. (Yugoslavia)
- TODOROVSKI, N. & BAKALOVSKA, M. Pridones kon poznavanjeto na považnite fizièki svojstva na volnata kaj èistorasnite avasi  
1978a ovci odgledani vo naši uslovi [Contribution to the knowledge of significant physical characteristics of the wool of  
pure-bred Awassi sheep reared in our conditions]. *Socijalistièko Zemjodjelstvo* (Skopje), XXX (4-6):27-32.
- TODOROVSKI, N. & BAKALOVSKA, M. Pridones kon poznavanjeto na neкои fizièki svojstva na volnata od melezite F<sub>1</sub> generacija  
1978b megu domašnata merinizirana ovèepoljska ovca i avasi ovnite [Contribution to the knowledge of some physical  
characteristics of the wool of the F<sub>1</sub> cross-bred generation between domestic Ovce Polje ewes, improved by Merino  
and Awassi rams]. *Socijalistièko Zemjodjelstvo* (Skopje), XXX(4-6):35-40.
- TODOROVSKI, N., RISTEVSKI, K. & POPOVSKI, K. Mleènost i masnoèa mleka Awassi ovaca na individualnom sektoru SR  
1979 Makedonije [Milk yield and fat content of milk of Awassi sheep in the private sector of the Socialist Republic of  
Macedonia]. *Stoèarstvo*, 33:267-275.
- TODOROVSKI, N., TOKOVSKI, T. & LAKICEVIC, S. Mleènost i masnoèa mleka meleza F<sub>1</sub> generacije dobivenih parenjem  
1979 ovèepoljske i kosovske ovce i awassi-ovnova [Milk and fat content of F<sub>1</sub> cross-bred Ovce Polje and Kosovo ewes and  
Awassi rams (Serbo-Croatian)]. *Stoèarstvo* (Zagreb), 33:293-296.
- TOKOVSKI, T., ŠOKAROVSKI, J. & JORDANOVSKI, N. Prilog poznavanju mleènosti ovaca F<sub>1</sub> generacije dobijene ukrštanjem  
1977a ovèepoljske ovèe sa oinovima avasi rase [Contribution to the knowledge of milk yield of the Awassi-Ovèe Polje F<sub>1</sub>  
cross-bred generation (Serbo-Croatian)]. *Vet. Glasnik* (Beograd), XXXI(8):607-611.
- TOKOVSKI, T., ŠOKAROVSKI, J. & JORDANOVSKI, N. Prilog kon poznavanjeto na mleènost kaj ovèite F<sub>1</sub> generacija megu  
1977b ovcepoljskata ovca i awassi ovnite [Contribution to the knowledge of milkiness of sheep of the F<sub>1</sub> generation obtained  
by crossing the Ovce Polje breed with Awassi rams]. *Socijalistièko Zemjodjelstvo* (Skopje), XXIX (7-9):63-67.
- TURNER, C.W. *The comparative anatomy of the mammary glands*. Columbia, Missouri, USA, University Cooperative Store.  
1939
- TURNER, C.W. *The mammary gland*. Columbia, Missouri, USA, Lucas Bros.  
1952
- UNDERWOOD, E. J., SHIER, F.L. & CARISS, H.G. Studies in sheep husbandry in Western Australia. IV. The influence of a high  
1943 level of pre-natal feeding in lamb production. *J. Dep. Agric, West. Australia*, 20:288-297.
- VOLCANI, R. Seasonal variations in the spermatogenesis of some farm animals under the climatic conditions of Israel. *Bull. Res.*

- 1953 *Coun. Israel*, 3:123-126.
- VOLCANI, R. & EYAL, E. Raising lambs on a restricted milk diet. *Ktavim* (Rehovot, Israel), 68:35-40.
- 1954
- VOLCANI, R. *The seasonal activity of the gonads and thyroid of the camel, cattle, sheep and goats. 1. The seasonal variations in the*
- 1957 *gonads of the males*. Rehovot, Israel, Agricultural Research Station. Bulletin 8. (Ph.D. thesis) (In Hebrew)
- WAETZOLDT, H. *Untersuchungen zur Neusumerischen Textilindustrie*. Rome, Centro per la antichità e la storia dell'arte del
- 1972 Vicino Oriente, Studi economici e tecnologici.
- WALLACH, E. & EYAL, E. The performance of intensively managed indigenous Iranian sheep and of Awassi sheep imported to
- 1974 Iran from Israel. *Z. Tierzücht. Züchtungsbiol*, 91(3):232-239; (4):317-326.
- WASSIN, B. Ohrlosigkeit bei Schafen und Ziegen. *Z. induktive Abstammungs- und Vererbungslehre*, 49.
- 1929
- WELHAM, M. Crossbreeding sheep for milk and meat in a Mediterranean environment. *Wild Anim. Rev.*, 19:24-27.
- 1976
- WILLIAMSON, G. Iraqi livestock. *Empire J. Exp. Agric.*, 17:48-59.
- 1949
- WRIGHT, N.C. The ecology of domesticated animals. In Hammond, J., ed., *Progress in the physiology of farm animals*. Vol. I.
- 1954 London, Butterworths Scientific Publications.
- YALÇIN, B.C., AKTA<sup>a</sup>, G. & SANDIKÇIOĞLU, M. Effect of weaning at different ages on growth of lambs and milk production of
- 1968 dams in the Awassi breed of sheep. *Lalahan Zootečni Ara<sup>a</sup>tıma Enst. Dergisi*, 8:45-55. (Turkish with a summary in English)
- YALÇIN, B.C. & AKTA<sup>a</sup>, G. Performances of Awassi and Akkaraman sheep under Eređli-Konya conditions. *Lalahan Zootečni*
- 1969 *Ara<sup>a</sup>tıma Enst. Dergisi*, 9(3/4): 1-14. (Summary in English)
- YALÇIN, B.C. *The sheep breeds of Afghanistan, Iran and Turkey*. Rome, FAO.
- 1979
- YARKIN, İ. Koyunculuk [Sheep breeding]. *Ankara Üniv. Zir. Fak. Yayın.*, 37(18).
- 1959
- YARKIN, İ, SÖNMEZ, R., & ÖZCAN, L. İvesi koyunlarının Ankara çevre şartlarına adaptasyonu [Adaptation of İvesi sheep to the
- 1963 Ankara environment]. *Ann. Faculty of Agriculture, University of Ankara*, 13:133.
- YARKIN, İ. & ELİÇİN, A. *İvesi koyunlarının vücut yapı<sup>l</sup>ları ve verimleri üzerinde ara<sup>a</sup>tırmalar* [Studies on the production and
- 1966 body conformation of İvesi (Awassi) sheep]. Yb. Faculty of Agriculture, Ankara University. No. 266.
- YARKIN, İ. & ELİÇİN, A. [The comparison of black- and yellow-headed İvesi (Awassi) sheep concerning body conformation and
- 1967 milk production.] *Ankara Üniv. Zir. Fak. Yayın.*, 17(1):35-50.



## WHERE TO PURCHASE FAO PUBLICATIONS LOCALLY

<b>Algeria</b>	Société nationale d'édition et de diffusion, 92, rue Didouche Mourad, Alger.
<b>Argentina</b>	Libreria Agropecuaria S.A., Pasteur 743, 1028 Buenos Aires.
<b>Australia</b>	Hunter Publications, 58A Gipps Street, Collingwood, Vic. 3066; Australian Government Publishing Service, Sales and Distribution Branch, Wentworth Ave, Kingston, A.C.T. 2604. Bookshops in Adelaide, Melbourne, Brisbane, Canberra, Perth, Hobart and Sydney.
<b>Austria</b>	Gerold & Co., Graben 31, 1011 Vienna.
<b>Bahrain</b>	United Schools International, PO Box 726, Manama.
<b>Bangladesh</b>	Association of Development Agencies in Bangladesh, House No. 46A, Road No. 6A, Dhanmondi R/A, Dhaka.
<b>Belgium</b>	M. J. De Lannoy, 202, avenue du Roi, 1060 Bruxelles. CCP 000-0808993-13.
<b>Bolivia</b>	Los Amigos del Libro, Peru 3712, Casilia 450, Cochabamba; Mercado 1315, La Paz.
<b>Botswana</b>	Botsalo Books (Pty) Ltd, PO Box 1532, Gaborone.
<b>Brazil</b>	Fundação Getulio Vargas, Praia de Botafogo 190, C.P. 9052, Rio de Janeiro; Livraria Canuto Ltda, Rua Consolação, 348 - 2º andar, Caixa Postal 19198, Sao Paulo.
<b>Brunei-Darussalam</b>	SST Trading Sdn. Bhd., Bangunan Tekno No. 385, Jin 5/59, PO Box 227, Petaling Jaya, Selangor.
<b>Canada</b>	Renouf Publishing Company Ltd, 61 Sparks Street, PO Box 1008, Station B, Ottawa, Ont. K1P 5R1; Tel.: (613) 238 8985. Toll-free calls in Canada: 1-800-267-4164; Telex: 053-4936.
<b>Chile</b>	Libreria - Oficina Regional FAO, Avda. Santa Maria 6700, Casilla 10095, Santiago. Teléfono: 228-80-56.
<b>China</b>	China National Publications Import Corporation, PO Box 88, Beijing.
<b>Congo</b>	Office national des librairies populaires, B.P. 577, Brazzaville.
<b>Costa Rica</b>	Librerla, Imprenta y Litografía Lehmann S.A., Apartado 10011, San Jose.
<b>Cuba</b>	Ediciones Cubanas, Empresa de Comercio Exterior de Publicaciones, Obispo 461, Apartado 605, La Habana.
<b>Cyprus</b>	MAM, PO Box 1722, Nicosia.
<b>Czechoslovakia</b>	ARTIA, Ve Smeckach 30, PO Box 790, 111 27 Prague 1.
<b>Denmark</b>	Munksgaard Export and Subscription Service, 35 Norre Søgade, DK 1370 Copenhagen K.
<b>Dominican Rep.</b>	Fundacion Dominicana de Desarrollo, Casa de las Gargolas, Mercedes 4, Apartado 857, Zona Postal 1, Santo Domingo.
<b>Ecuador</b>	Su Libreria Cia. Ltda., Garcia Moreno 1172 y Mejia, Apartado 2556, Quito.
<b>El Salvador</b>	Libreria Cultural Salvadoreña, S.A. de C.V., 7ª Avenida Norte 121, Apartado Postal 2296, San Salvador.
<b>Finland</b>	Akateeminen Kirjakauppa, 1 Keskuskatu, PO Box 128, 00101 Helsinki 10.
<b>France</b>	Editions A. Pedone, 13, rue Soufflot, 75005 Paris.
<b>Germany, F.R.</b>	Alexander Horn Internationale Buchhandlung, Friederichstr. 39, Postfach 3340, 6200 Wiesbaden.
<b>Ghana</b>	Fides Enterprises, PO Box 14129, Accra; Ghana Publishing Corporation, PO Box 3632, Accra.
<b>Greece</b>	G.C. Eleftheroudakis S.A., 4 Nikis Street, Athens (T-126); John Mihalopoulos & Son S.A., 75 Hermou Street, PO Box 73, Thessaioniki.
<b>Guatemala</b>	Distribuciones Culturales y Tecnicas «Artemis», 5ª Avenida 12-11, Zona 1, Apartado Postal 2923, Guatemala.
<b>Guinea-Bissau</b>	Conselho Nacional da Cultura, Avenida da Unidade Africana, C.P. 294, Bissau.
<b>Guyana</b>	Guyana National Trading Corporation Ltd, 45-47 Water Street, PO Box 308, Georgetown.
<b>Haiti</b>	Librairie "A la Caravelle", 26, rue Bonne Foi, B.P. 111, Port-au-Prince.
<b>Hong Kong</b>	Swindon Book Co., 13-15 Lock Road, Kowloon.
<b>Hungary</b>	Kultura, PO Box 149, 1389 Budapest 62.
<b>Iceland</b>	Snaebjörn Jónsson and Co. h.f., Hafnarstraeti 9, PO Box 1131, 101 Reykjavik.
<b>India</b>	Oxford Book and Stationery Co., Scindia House, New Delhi 100 001; 17 Park Street, Calcutta 700016; Oxford Subscription Agency, Institute for Development Education, 1 Anasuya Ave, Kilpauk, Madras 600010.
<b>Indonesia</b>	P.T. Inti Buku Agung, 13 Kwitang, Jakarta.
<b>Iraq</b>	National House for Publishing, Distributing and Advertising, Jamhuriya Street, Baghdad.
<b>Ireland</b>	The Controller, Stationery Office, Dublin 4.
<b>Italy</b>	Distribution and Sales Section, FAO, Via delle Terme di Caracalla, 00100 Rome; Libreria Scientifica Dott. Lucio de Biasio "Aeiou", Via Meravigli 16, 20123 Milan; Libreria Commissionaria Sansoni S.p.A. "Licosa", Via Lamarmora 45, C.P. 552, 50121 Florence.
<b>Japan</b>	Maruzen Company Ltd, PO Box 5050, Tokyo International 100-31.
<b>Kenya</b>	Text Book Centre Ltd, Kijabe Street, PO Box 47540, Nairobi.
<b>Korea, Rep. of</b>	Eulyoo Publishing Co. Ltd, 46-1 Susong-Dong, Jongro-Gu, PO Box 362, Kwangwha-Mun, Seoul 110.
<b>Kuwait</b>	The Kuwait Bookshops Co. Ltd, PO Box 2942, Safat.

<b>Luxembourg</b>	M. J. De Lannoy, 202, avenue du Roi, 1060 Bruxelles (Belgique).
<b>Malaysia</b>	SST Trading Sdn. Bhd., Bangunan Tekno No. 385, Jin 5/59, PO Box 227, Petaling Jaya, Selangor.
<b>Mauritius</b>	Nalanda Company Limited, 30 Bourbon Street, Port-Louis.
<b>Mexico</b>	Dilitsa S.A., Puebla 182-D, Apartado 24-448, Mexico 06700, D.F.
<b>Morocco</b>	Librairie "Aux Belles Images", 281, avenue Mohammed V, Rabat.
<b>Netherlands</b>	Keesing Publishing Company B.V., Hogehilweg 13, 1101 CB Amsterdam; Post Box 1118, "1000 BC Amsterdam.
<b>New Zealand</b>	Government Printing Office, Government Printing Office Bookshops: 25 Rutland Street; Mail orders: 85 Beach Road, Private Bag, CPO, Auckland; Ward Street, Hamilton; Mulgrave Street (Head Office), Cubacade World Trade Centre, Wellington; 159 Hereford Street, Christchurch; Princes Street, Dunedin.
<b>Nicaragua</b>	Libreria Universitaria, Universidad Centroamericana, Apartado 69, Managua.
<b>Nigeria</b>	University Bookshop (Nigeria) Limited, University of Ibadan, Ibadan.
<b>Norway</b>	Johan Grundt Tanum Bokhandel, Karl Johansgate 41-43, PO Box 1177, Sentrum, Oslo 1.
<b>Pakistan</b>	Mirza Book Agency, 65 Shahrah-e-Quaid-e-Azam, PO Box 729, Lahore 3; Sasi Book Store, Zaibunnisa Street, Karachi.
<b>Panama</b>	Distribuidora Lewis S.A., Edificio Dorasol, Calle 25 y Avenida Balboa, Apartado 1634, Panama 1.
<b>Paraguay</b>	Agencia de Librerfas Nizza S.A., Casilla 2596, Eligio Ayala 1073, Asuncion
<b>Peru</b>	Libreria Distribuidora «Santa Rosa», Jir6n Apurimac 375, Casilla 4937, Lima 1.
<b>Philippines</b>	The Modern Book Company Inc., PO Box 632, Manila.
<b>Poland</b>	Ars Polona, Krakowskie Przedmiescie 7, 00-068 Warsaw.
<b>Portugal</b>	Livraria Bertrand, S.A.R.L., Rua Joao de Deus, Venda Nova, Apartado 37, 2701 Amadora Codex; Livraria Portugal, Dias y Andrade Ltda., Rua do Carmo 70-74, Apartado 2681, 1117 Lisbonne Codex.
<b>Romania</b>	Ilexim, Str. 13 Decembrie No. 3-5, Bucharest Sector 1.
<b>Saudi Arabia</b>	The Modern Commercial University Bookshop, PO Box 394, Riyadh.
<b>Singapore</b>	MPH Distributors (S) Pte. Ltd, 71/77 Stamford Road, Singapore 6; Select Books Re. Ltd, 215 Tanglin Shopping Centre, 19 Tanglin Road, Singapore 1024; SST Trading Sdn. Bhd., Bangunan Tekno No. 385, Jin 5/59, PO Box 227, Petaling Jaya, Selangor.
<b>Somalia</b>	"Samater's", PO Box 936, Mogadishu.
<b>Spain</b>	Mundi-Prensa Libros S.A., Castello 37, 28001 Madrid; Libreria Agricola, Fernando VI 2, 28004 Madrid.
<b>Sri Lanka</b>	M.D. Gunasena & Co. Ltd, 217 Olcott Mawatha, PO Box 246, Colombo 11.
<b>Sudan</b>	University Bookshop, University of Khartoum, PO Box 321, Khartoum.
<b>Suriname</b>	VACO n.v. in Suriname, Domineestraat 26, PO Box 1841, Paramaribo.
<b>Sweden</b>	Books and documents: C.E. Fritzes Kungl. Hovbokhandel, Regeringsgatan 12, PO Box 16356, 103 27 Stockholm. Subscriptions: Vennergren-Williams AB, PO Box 30004, 104 25 Stockholm.
<b>Switzerland</b>	Librairie Payot S.A., Lausanne and Geneva; Buchhandlung und Antiquariat Heinemann & Co., Kirchgasse 17, 8001 Zurich.
<b>Tanzania</b>	Dar-es-Salaam Bookshop, PO Box 9030, Dar-es-Salaam; Bookshop, University of Dar-es-Salaam, PO Box 893, Morogoro.
<b>Thailand</b>	Suksapan Panit, Mansion 9, Rajadamnern Avenue, Bangkok.
<b>Togo</b>	Librairie du Bon Pasteur, B.P. 1164, Lome.
<b>Tunisia</b>	Societe tunisienne de diffusion, 5, avenue de Carthage, Tunis.
<b>Turkey</b>	Kultur Yayinlari Is-Turk Ltd Sti., Ataturk Bulvari No. 191, Kat. 21, Ankara. Bookshops in Istanbul and Izmir.
<b>United Kingdom</b>	Her Majesty's Stationery Office, 49 High Holborn, London WC1V 6HB (callers only); HMSO Publications Centre, Agency Section, 51 Nine Elms Lane, London SW8 5DR (trade and London area mail orders); 13a Castle Street, Edinburgh EH2 3AR; 80 Chichester Street, Belfast BT1 4JY; Brazennose Street, Manchester M60 8AS; 258 Broad Street, Birmingham B1 2HE; Southey House, Wine Street, Bristol BS1 2BQ.
<b>United States of America</b>	UNIPUB, PO Box 1222, Ann Arbor, MI 48106.
<b>Uruguay</b>	Libreria Agropecuaria S.R.L, Alzaibar 1328, c.c. 1755, Montevideo.
<b>Yugoslavia</b>	Jugoslovenska Knjiga, Trg. Republike 5/8, PO Box 36, 11001 Belgrade; Cankarjeva Založba, PO Box 201-IV, 61001 Ljubljana.
<b>Zambia</b>	Kingstons (Zambia) Ltd, Kingstons Building, President Avenue, PO Box 139, Ndola.
<b>Other countries</b>	Requests from countries where sales agents have not yet been appointed may be sent to: Distribution and Sales Section, FAO, Via delle Terme di Caracalla, 00100 Rome, Italy.