

ICA



BIBLIOGRAFIA SOBRE PERDIDAS ECONOMICAS EN ANIMALES CAUSADAS POR ENFERMEDADES Y PLAGAS

BIBLIOGRAPHY ON ECONOMIC LOSSES IN ANIMALS CAUSED BY DISEASES AND PESTS

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7-02

¿QUE ES EL IICA?

El Instituto Interamericano de Cooperación para la Agricultura (IICA) es el organismo especializado en agricultura del Sistema Interamericano. Sus orígenes se remontan al 7 de octubre de 1942 cuando el Consejo Directivo de la Unión Panamericana aprobó la creación del Instituto Interamericano de Ciencias Agrícolas.

Fundado como una institución de investigación agronómica y de enseñanza de posgrado para los trópicos, el IICA, respondiendo a los cambios y a las nuevas necesidades del Hemisferio, se convirtió progresivamente en un organismo de cooperación técnica y fortalecimiento institucional en el campo agropecuario. Estas transformaciones fueron reconocidas formalmente con la ratificación, el 8 de diciembre de 1980, de una nueva convención, la cual estableció como los fines del IICA los de estimular, promover y apoyar los lazos de cooperación entre sus 31 Estados Miembros para lograr el desarrollo agrícola y el bienestar rural.

Con un mandato amplio y flexible y con una estructura que permite la participación directa de los Estados Miembros en la Junta Interamericana de Agricultura y en su Comité Ejecutivo, el IICA cuenta con una amplia presencia geográfica en todos los países miembros para responder a sus necesidades de cooperación técnica.

Los aportes de los Estados Miembros y las relaciones que el IICA mantiene con 12 Países Observadores Permanentes, y con numerosos organismos internacionales, le permiten canalizar importantes recursos humanos y financieros en favor del desarrollo agrícola del Hemisferio.

El Plan de Mediano Plazo 1987-1991, documento normativo que señala las prioridades del Instituto, enfatiza acciones dirigidas a la reactivación del sector agropecuario como elemento central del crecimiento económico. En función de esto, el Instituto concede especial importancia al apoyo y promoción de acciones tendientes a la modernización tecnológica del agro y al fortalecimiento de los procesos de integración regional y subregional.

Para lograr esos objetivos el IICA concentra sus actividades en cinco áreas fundamentales que son: Análisis y Planificación de la Política Agraria; Generación y Transferencia de Tecnología; Organización y Administración para el Desarrollo Rural; Comercialización y Agroindustria; y Salud Animal y Sanidad Vegetal.

Estas áreas de acción expresan, de manera simultánea, las necesidades y prioridades fijadas por los mismos países miembros y los ámbitos de trabajo en los que el IICA concentra sus esfuerzos y su capacidad técnica, tanto desde el punto de vista de sus recursos humanos y financieros como de su relación con otros organismos internacionales.

Son países miembros del IICA: Antigua y Barbuda, Argentina, Barbados, Bolivia, Brasil, Canadá, Chile, Colombia, Costa Rica, Dominica, Ecuador, El Salvador, Estados Unidos, Granada, Guatemala, Guyana, Haití, Honduras, Jamaica, México, Nicaragua, Panamá, Paraguay, Perú, República Dominicana, Santa Lucía, San Vicente y las Granadinas, Suriname, Trinidad y Tobago, Uruguay y Venezuela.

Países Observadores Permanentes: Austria, Bélgica, España, Francia, Israel, Italia, Japón, Países Bajos, Portugal, República Arabe de Egipto, República de Corea y República Federal de Alemania.



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ECONOMIC LOSSES IN ANIMALS
CAUSED BY DISEASES AND PESTS**

DOCUMENTO DE TRABAJO No. 2

**PROGRAMA V: SALUD ANIMAL Y SANIDAD VEGETAL
CENTRO INTERAMERICANO DE DOCUMENTACION E INFORMACION AGRICOLA (CIDIA)**

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Bibliografía sobre pérdidas económicas en animales causadas por enfermedades y plagas = Bibliography on economic losses in animals caused by diseases and pests. -- San José, C.R. : Instituto Interamericano de Cooperación para la Agricultura. Programa de Salud Animal y Sanidad Vegetal : Instituto Interamericano de Cooperación para la Agricultura. Centro Interamericano de Documentación e Información Agrícola, 1989.

77 p. ; 27 cm. -- (Documentos de Trabajo / Instituto Interamericano de Cooperación para la Agricultura ; no.2)

1. Enfermedades de los animales - Bibliografía. I. Título. II. Serie

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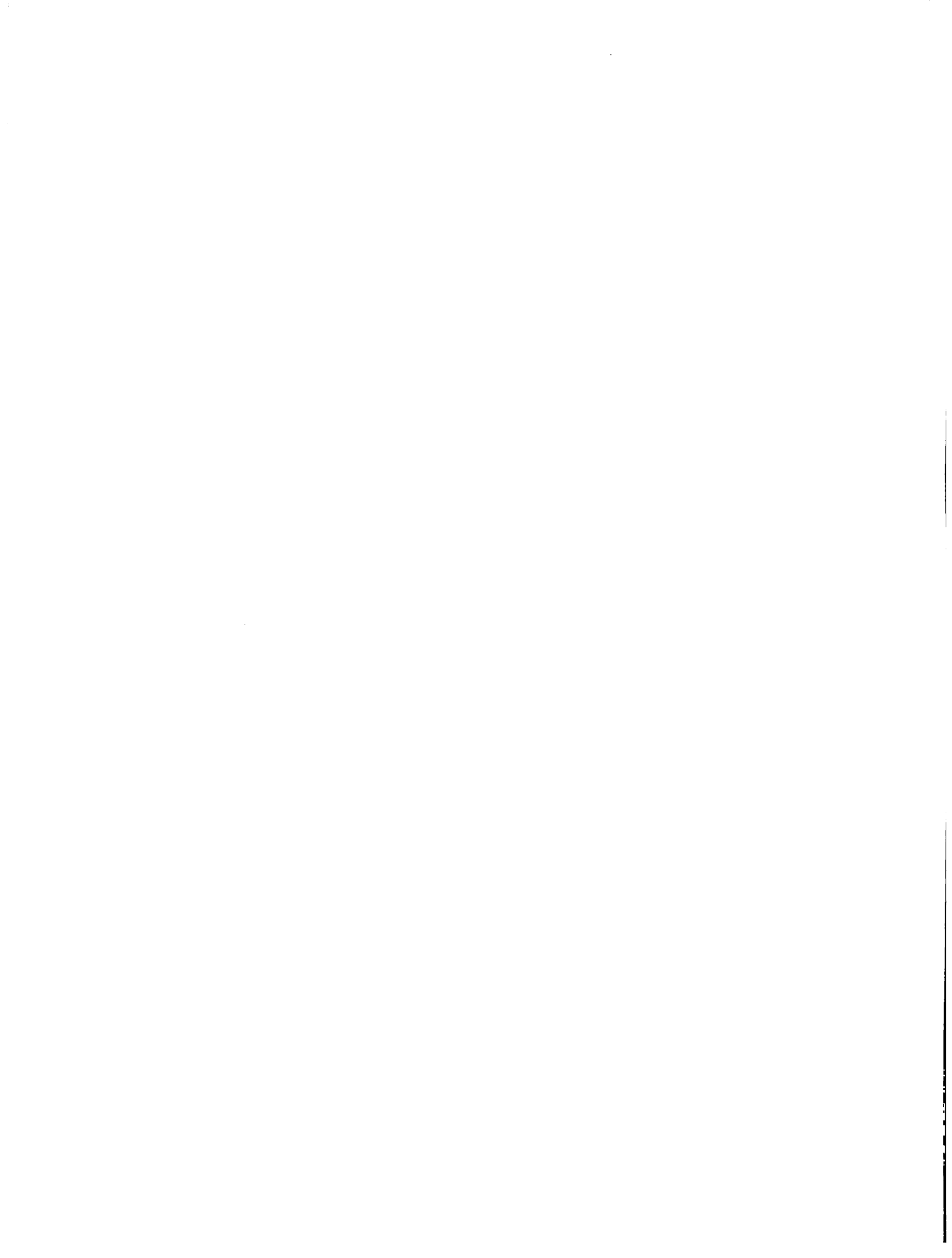
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INTRODUCCION

La lucha contra las enfermedades y plagas de los animales que disminuyen la producción, que limitan la productividad, que entorpecen el comercio, y que representan un riesgo para la salud pública, ha sido una acción que durante siglos ha sido ejecutada en todos los países del mundo.

Tratando de utilizar los conocimientos más avanzados para su diagnóstico, prevención y control, productores y autoridades han tratado de unir sus esfuerzos para disminuir el impacto de esos problemas.

Sin lugar a duda los adelantos logrados hasta el presente para: la conceptualización global de los problemas zoonosológicos, los avances en las tecnologías de diagnóstico y de producción de biológicos y fármacos para su prevención y control, y la erradicación de enfermedades y plagas específicas en algunos países, constituyen pasos muy importantes para mejorar la condición sanitaria de las explotaciones pecuarias de los países.

No obstante, sólo hasta años recientes se ha empezado a estudiar sistemáticamente el impacto económico directo e indirecto que las enfermedades y plagas representan en la producción, productividad y comercialización pecuaria.

Aún cuando todos los sectores involucrados siempre han estado conscientes de la importancia de tales problemas en las economías de sus explotaciones, han sido muy limitados los estudios que se han realizado para evaluar con precisión las pérdidas reales ocasionadas por los mismos.

Entre las ventajas que se pueden obtener del conocimiento de la distribución e impacto económico de las enfermedades y plagas cabe destacar: a) la definición de prioridades para la implementación de programas oficiales de control y erradicación, b) el desarrollo de programas de extensión zoonosológica dirigidos a los principales problemas a nivel de finca, c) el establecimiento de medidas cuarentenarias en base a situaciones que impliquen un riesgo real de diseminación de enfermedad o plaga, d) la reducción de restricciones zoonosológicas innecesarias al comercio internacional pecuario, e) la dirección de los proyectos de investigación en salud animal hacia la solución práctica de los problemas reales, f) la revisión de los programas de educación veterinaria para dirigirlos hacia la solución de los problemas reales en ese campo, g) la planificación más efectiva de la industria privada de productos veterinarios y del desarrollo y distribución de sus productos, h) la definición más adecuada de las instituciones internacionales de sus estrategias de apoyo a los países.

El IICA, convencido de la importancia de conocer la repercusión de las enfermedades y plagas, no sólo en la producción pecuaria, sino en la producción agrícola en general, ha iniciado proyectos en América Latina y en el Caribe para contribuir a conocer esa problemática.

La presente recopilación bibliográfica está dirigida a tratar de hacer un recuento de los principales trabajos publicados en los últimos años, sobre pérdidas por enfermedades y plagas de animales, con el propósito de que los mismos sean un punto de partida para el análisis del impacto económico de los problemas zoonosarios en el Hemisferio Americano.

La labor de búsqueda en las bases de datos, organización y edición de la información fue realizada por la Lic. Lina Román, del Centro Interamericano de Documentación e Información Agrícola-CIDIA. La información fue obtenida de las Bases de Datos AGRIS/FAO y CAB Abstracts.

Héctor Campos
Director Adjunto de Salud Animal
IICA

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Las referencias bibliográficas acompañadas de un asterisco (*), indican la existencia de los documentos en las colecciones de la Biblioteca Conmemorativa Orton del Centro Interamericano de Documentación e Información Agrícola CIDIA.

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INTRODUCTION

For centuries, countries throughout the world have waged a battle against animal diseases and pests that decrease production, limit productivity, hinder trade and pose a threat to public health.

Farmers and authorities have joined forces to decrease the impact of these problems by using the most advanced knowledge at their disposal for diagnosis, prevention and control.

Without a doubt, the progress made to date in arriving at an overall picture of animal health problems, in developing technology for the diagnosis and production of biologics and pharmaceutical products for prevention and control, and the eradication of specific diseases and pests in some countries, are important steps toward improving health conditions in livestock production.

Nonetheless, only recently have systematic studies been made on the direct and indirect economic impact of diseases and pests on livestock production, productivity and marketing.

Even though affected sectors have always been aware of the economic importance of these problems for their livestock production, studies accurately evaluating real losses have been very limited.

Important advantages can be obtained in the following areas with what is learned about the distribution and economic impact of these diseases and pests: a) the definition of priorities to implement official control and eradication programs, b) the development of animal health extension programs geared to the principal problems that exist at the farm level, c) the establishment of quarantine measures based on situations that involve the risk of spreading the disease or pest, d) the reduction of unnecessary animal health restrictions in international livestock trade, e) the orientation of animal health research projects toward practical solutions of real problems, f) the revision of veterinary education programs to guide them toward solving real problems that exist in the field, g) more effective planning of the private industry of veterinary products and of the development and distribution of these products, h) a more satisfactory definition by international institutions of their support strategies in the countries.

IICA, convinced of the importance of knowing what the repercussion of diseases and pests is, not only in connection with livestock production, but also with agricultural production in general, has initiated projects in Latin America and the Caribbean to contribute to the body of knowledge that exists on these problems.

The present bibliographic listing is intended to provide a compendium of the main papers published over the past years on losses due to animal diseases and pests, which can serve as a starting point for the analysis of the economic impact of animal health problems in the American hemisphere.

Ms. Lina Román, of the Inter-American Agricultural Documentation and Information Center (CIDIA), made the search of the data base and organized and published the information. The information was obtained from the AGRIS/FAO Data Base and CAB Abstracts.

Héctor Campos
Deputy Director for Animal Health
IICA

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Bibliographic references with asterisks indicate that the document is available at the Orton Memorial Library of the Inter-American Center for Agricultural Documentation and Information-CIDIA.

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IICA-CIDIA
Turrialba, Costa Rica

**1. Evaluación económica – Aspectos generales/
Economic Evaluation – General Aspects**

- (1) 0688610 OV058-03179; OI056-00005; 7D009-01643
Assisting clients with cash flow analysis.
Kislingbury, C. K. (Kent Kislingbury, C.)
Fairmont Vet. Clin., Minnesota, USA.
Compendium on Continuing Education for the Practicing
Veterinarian 1987. 9 (9): F285-F289, F292
Language: English
- * (2) **Benefit-cost analysis of an epidemiologic approach to
provision of veterinary service in the Sudan.**
Zessin, K.-H; Carpenter, T. E.
Gesellschaft Technische Zusammenarbeit, D-6236 Eschborn 1,
German Federal Republic.
Preventive Veterinary Medicine 1985. 3 (4): 323-337 (11
ref.)
Language: English
- (3) **Computers and veterinary practice in the United Kingdom.**
Davies, M.
Parkside Vet. Surg., 2 Sefton Rd, New Ferry, Wirral,
Merseyside L62 5AT, UK.
Veterinary Record 1985. 117 (8): 161-168 (1 ref.)
Language: English
- (4) **Defence policies against penetration and spread of an
exotic disease (applying cost-benefit analysis).**
Van-Ham, M.; Spharim, I.
Vet. Serv., PO Box 12, Bet Dagan 50250, Israel.
Refuah Veterinarith 1982, publ. 1984. 39 (4): 179-190 (1
6 ref.)
Language: English
- (5) **Economic decisions in food animal practice: to treat or not
to treat?**
Madison, J. B.; Fetrow, J.; Galligan, D.
Dep. Agric. Urban Practice, Reg. Coll. Vet. Med., Virginia
Tech, Blacksburg, Virginia 24061, USA.
Journal of the American Veterinary Medical Association 198
4. 185 (5): 520-523 (14 ref.)
Language: English
- (6) **Economic effectiveness of veterinary activities.**
Nikitin, I. N.
Veterinarnyi Institut, Kazan, USSR.
Vestnik Sel'skokhozyaistvennoi Nauki 1985. (No. 10): 123-
129 (10 ref.)
Language: Russian Summary Language: English
- (7) **ILCA's computer facilities and their use.**
Durkin, J. W.; Light, D. E.; Mahl, H.; Trail, J. C.
M.
Computer Unit, ILCA, PO Box 5689, Addis Ababa, Ethiopia.
ILCA Newsletter 1984. (No.20): 29-33
Language: English

- (8) **Veterinary research and development: cost-benefit studies on products for the control of animal diseases.**
 Ansell, D. J.; Done, J. T.
 Reading, UK; Centre for Agricultural Strategy, University of Reading
 1988. vii + 69pp. (CAS Joint Publication No. 3)
 Language: English
- (9) II : Weak management in animal disease control program results in large economic losses: report to the Secretary of Agriculture (USA).
 CC : United States General Accounting Office.
 LA : En
 IM : Washington, DC (USA). The Office. 1981. 49 p.
 SE : CED-81-96 (USA) *US (NAL SF623U5).
 NO : ill. maps. June 24, 1981. Cover title.
 CN : Country. US B (Monograph)
 LI : Y (Maps included)
 CC : L73 (Animal diseases) E10 4100 G430.
 FT : veterinary medicine - united states. united states - dept of agriculture. (en)

2. Evaluación de pérdidas por enfermedades y plagas específicas/Evaluation of losses by disease and specific pests

- (10) **African animal trypanosomiasis. Part IV. Economic problems.**
 [African animal trypanosomiasis - selected articles from World Animal Review].
 Finelle, P. L.
 Anim. Production & Health Div., FAO, Rome, Italy.
 FAO Animal Production and Health Paper 1983. (No.37): 19-22 (4 ref.)
 Language: English
- (11) II : (Contribution to the study of the economic loss produced to the livestock by the vampire (San Luis Potosi, Mexico)). Contribucion al estudio de las perdidas economicas ocasionadas a la ganaderia por el murcielago vampiro (San Luis Potosi, Mexico).
 AU : Anda Lopez, D de.
 CC : Universidad Nacional Autonoma de Mexico, Mexico, DF. Facultad de Medicina Veterinaria y Zootecnia.
 LA : Es
 IM : Mexico, DF (Mexico). 1974. 45 p.
 NC : 14 tables; 6 graphs; 11 ref. Received in 1976 *Instituto Nacional de Investigaciones Pecuarias, Mexico, DF Degree: Tesis (MVZ).
 CN : Country: XLMX. B (Monograph).
 LI : U (Thesis or diss.) V (Non conventional).
 CC : L72 (Pests of animals) E15. 5212 G404.
- (12) **Costs of hydatid surgery at the University Hospital of Sousse (Tunisia).**
Cout de l'hydatidose chirurgicale a l'Hopital Universitaire de Sousse (Tunisie).
 Khlif, K.; Foulon, G.; Bchir, A.; Jeddi, M.; Fredj, A. H.; Gharbi, S.; Gaumer, B.; Chaoual, M.; Jemmal, M.; Larouze, B.
 Fac. Med., Hop. Univ. Sousse, Tunisia.
 Bulletin de la Societe de Pathologie Exotique 1985. 78 (5 bis): 691-695 (9 ref., 2nd International Congress of Tropical Medicine in the French language, Sousse, Tunisia, 14-16 October, 1985)
 Language: French Summary Language: English

- * (13) A critical review of the evaluations of production effects of helminth disease and mismanagement on livestock production.**
Third International Symposium on Veterinary Epidemiology and Economics, Arlington, Virginia, USA, 8-10 September 1982.
 Armour, J.; Gettinby, G.
 Fac. Vet. Med., Bearsden, Glasgow G61 1QH, UK.
 Edwardsville, Kansas, USA; Veterinary Medicine Publishing Co.
 1983. 164-172 (31 ref.)
 Language: English
- (14) Economic and epidemiologic aspects in hydatidosis control programs.**
XIII Congreso Internacional de Hidatidologia, Madrid, Spain, 24-27 April 1985. Ponencias.
 Attanasio, E.; Dottorini, S.; Palmas, C.
 Istituto Tecnol. Biomed., Rome, Italy.
 Madrid, Spain; Comunidad de Madrid, Consejeria de Agricultura y Ganaderia
 1985. 39-46 (33 ref.)
 Language: English
- (15) Economic effectiveness of complex procedures for the differential diagnosis of tuberculosis.**
 Yudin, G. A.; Chulkov, P. A.
 Vsesoyuznyi Institut Vetpreparatov, Moscow, USSR.
 Veterinariya, Moscow, USSR 1985. (No. 7): 34-35
 Language: Russian
- (16) II : Economic evaluation of animal disease control programmes in the developing countries: a case study on Nigeria (contagious bovine pleuropneumonia, mycoplasmosis).**
 AU : Oluokun, S.B. (Federal Ministry of Agriculture, Lagos (Niger). Epidemiology Unit).
 LA : En
 FR : Bulletin de l'Office International des Epizooties (France). ISSN 0300-9823.
 (May-Jun 1980) v 92(5-6) p. 399-415.
 NO : 7 Tables, 9 Ref., Summaries (En, Fr).
 CN : Country. XEFR. J (Serial article).
 LI : E (Summary)
 CC : L73 (Animal diseases) E10. 5212 4130 G214.
- (17) Economic evaluation of the footrot control area in western Victoria.**
Footrot in ruminants. Proceedings of a workshop, Melbourne 1985, [edited by Stewart, D.J.; Peterson, J.E.; McKern, N.M. and Emery, D.L.].
 Stott, K. J.
 Dep. Agric., East Melbourne, Victoria, Australia.
 Glebe, N.S.W. 2037, Australia; CSIRO Division of Animal Health
 1986. 27-33 (9 ref.)
 Language: English
- (18) Economic impact of anaplasmosis in Canada.**
 Krystynak, R.
 Working Paper, Marketing and Economics Branch, Agriculture Canada 1984. (No. 10/84): 77pp. (26 ref., 4 fig., 7 tab., OAE)
 Language: English

- (19) **Economic loss from carcass condemnation due to *Cysticercus cellulosae* infection in Zaachila, Oaxaca.**
Perdidas economicas por decomiso de canales infestadas por *Cisticercus cellulosae*, en el Municipio de Zaachila, Oaxaca.
[Abstract of Thesis, 1984.].
 Bautista H., L.
 Veterinaria, Mexico 1984. 15 (4): 279
 Language: Spanish
- (20) TI : (Effects of ticks on livestock production). Efeitos das carracas na producao pecuaria
 AU : Jacobsen, P (Instituto Nacional de Investigacao Veterinaria Maputo (Mozambique)).
 LA : Pt
 MS : (Papers presented to the Livestock Production Seminar, Maputo, Mozambique. 2-7 December 1985). Trabalhos. Jordao, C. (ed.); Timberlake, J. (ed.). Ministerio da Agricultura Maputo (Mozambique); FAO, Rome (Italy).
 RP : FAO-AGL--MOZ'81'015.
 IM : (Maputo) (Mozambique). (1986). p. 299-306.
 NC : FAO Accession No: XF8872867 (Available on microfiche)
 CP : (Seminario de Producao Animal, Maputo (Mozambique). 2-7 Dec 1985.)
 CN : Country: XF, B (Monograph)
 LI : K (Conference) V (Non conventional).
 CC : L72 (Pests of animals).
 DEES: (iad) garrapatas; control de plagas; mozambique/ acaricidas; analisis de costos. (cad) acarina; africa; africa al sur del sahara; africa meridional; agentes nocivos; analisis; animales nocivos; arachnida; artropodos; control; invertebrados; metodos; plagas; plaguicidas.
- (21) **Epidemiology of hydatidosis and its repercussions.**
Planteamientos epidemiologicos de la hidatidosis y sus repercusiones.
XIII Congreso Internacional de Hidatidologia, Madrid, Spain, 24-27 April 1985. Ponencias.
 Neghme, A. R.
 Madrid, Spain; Comunidad de Madrid, Consejeria de Agricultura y Ganaderia
 1985. 35-36
 Language: English
- (22) TI : (Errors in dosing the anticoccidial drugs into feed). Errori di dosaggio dell'anticoccidico nel mangime.
 AU : Galavotti, F.
 LA : It
 CR : Rivista di Avicoltura (Italy). ISSN 0005-2213. (Oct 1984). v. 53(10) p. 45-48.
 NC : 4 tables; Summaries (En, It).
 CN : Country: XEIT, J (Serial article).
 LI : E (Summary).
 CC : L72 (Pests of animals). 4015 8959.
 AB : Errors in mixing anticoccidial drugs into feed have resulted in outbreaks of coccidiosis due to underdosing, and errors in overdosing have also brought on economic losses due to the toxic effects of too much drug. Errors, as indicated by feed analysis, for drugs outside of legal range are much more common than generally recognized. Underdosing errors are about twice as frequent as overdosing errors. High percentages of feed samples have been found to be out-of-compliance with label claims by state regulatory agencies even though feed manufactures know that state regulatory agencies will be sampling and analyzing their feeds for drugs and other ingredients. To secure coccidiosis prevention and to avoid toxic overdosing, every feed manufacturer needs a program to constantly monitor drug levels in the feed. (EN)
- (23) TI : (Estimation of economic losses due to animal diseases in Mexico in 1980 (infectious diseases parasitoses)) Estimation des pertes economiques dues aux maladies animales au Mexique en 1980 (maladies infectieuses, parasitoses).
 LA : Fr, En, Es

- MS : (Animal health and economics). Sante animale et economie. Office International des Epizooties. Paris (France).
 IM : Paris (France). OIE. 1983. ISBN 92-9044-116-X. p. 373-385.
 SE : Office International des Epizooties Serie Technique (France). no. 3.
 CN : Country: XEFR. B (Monograph).
- CC : L73 (Animal diseases) L72 E15. 4900 4100 4015 G404.
- (24) TI : Estimation of **economic losses** from foot-and-mouth disease and **cost- benefit analysis** of alternative policies for eradication in a developing country.
 AU : Arambulo, Primo V.
 CC : University of Texas (USA).
 LA : En
 IM : Ann Arbor, Mich. (USA). University Microfilms International. 1979. 233 leaves.
 NO : ill., maps. Facsimile produced by microfilm-xerography. Bibliography: leaves 186-199. *US (NAL DISS 78-6,542). Degree: Thesis.
 CN : Country. US. B (Monograph).
 LI : U (Thesis or diss.) Z (Bibliography) Y (Maps included).
 CC : L73 (Animal diseases) E10. 4150.
 FT : foot-and-mouth disease - **economic aspects.** (en)
- (25) **Evaluation of economic losses due to echinococcosis. Zoonoses control. Collection of teaching aids for International Training Course. Volume II: Rabies, brucellosis, leptospirosis, taeniasis, foodborne infections and intoxications, dermatomycoses common to animals and man. [Edited by: Lysenko, A. Ya.].**
 Ramazanov, V. T.
 Kazakh Res. Vet. Inst., USSR.
 Moscow, USSR; Centre of International Projects GKNT
 1982. 283-285 (USSR/UNEP Project; transl. from Russian)
 Language: English
- (26) **Hepatic fascioliasis in the abattoirs in Basrah.**
 Mahdi, N. K.; Al-Baldawi, A. K.
 Dep. Microbiol., Coll. Med., Univ. Basrah, Basrah, Iraq.
 Annals of Tropical Medicine and Parasitology 1987. 81 (4)
 : 377-379 (7 ref.)
 Language: English
- (27) **Host-parasite interactions of blood-feeding dipterans in health and productivity of mammals.**
 Haufe, W. O.
 Agric. Canada Res. Sta., Lethbridge, Alta., T1J 4B1,
 Canada.
 International Journal for Parasitology 1987. 17 (2): 607-614 (26 ref., 5 fig.)
 Language: English
- (28) **Hydatidosis: programmes of epidemiological vigilance. Models for control.**
Hidatidosis: programas de vigilancia epidemiologica. Modelos de control.
 XIII Congreso Internacional de Hidatidologia, Madrid, Spain, 24-27 April 1985. Ponencias.
 Najera, E.
 Univ. de Seville, Spain.
 Madrid, Spain; Comunidad de Madrid, Consejeria de Agricultura y Ganaderia
 1985. 47-49 (5 ref.)
 Language: Spanish

- (29) **Impact of helminthiasis on livestock industry: a brief review.**
 Swarup, D.; Bhatia, B. B.; Pachauri, S. P.
 Coll. Vet. Sci., G.B. Pant Univ. Agric. & Technol.,
 Pantnagar-263145, District Nainital (U.P.), India.
 Livestock Adviser 1986. 11 (5): 57-61
 Language: English
- (30) **II : Impacts, incidence and control of predation on livestock in the United States, with particular reference to predation by coyotes (Includes economic losses).**
 AU : Wade, D.A.
 LA : En
 IM : Mar 1981. 20 p.
 SE : Special publication - Council for Agricultural Science and Technology (USA). no. 10 ISSN 0194-407X *US (NAL S1C68).
 NC : ill 3 p. ref.
 CN : Country US. B (Monograph)
 LT : V (Non conventional)
 CC : L72 (Pests of animals) E10. 5000 4076 G430.
- (31) **Key-note address on effects of parasitism in lowering livestock production.**
 [Proc. National Seminar on important parasitic problems of livestock in Pakistan, 19-20 Oct. 1983].
 Irfan, M.
 Fac. of Vet. Sci., Univ. of Agric., Faisalabad, Pakistan.
 Pakistan Veterinary Journal 1984. 4 (1): 25-27
 Language: English
- (32) **Losses caused by parasitic diseases in animals.**
 Stete zbog parazitarnih bolesti zivotinja. [7. Savjetovanje, Pliva i stocarska proizvodnja, Supetar, 29-30 svibnja 1985.].
 Tadic, M.; Loncar, A. M.
 Vet. Fak., Zagreb, Yugoslavia.
 Praxis Veterinaria 1985. 33 (1/2): 77-85 (96 ref.)
 Language: Serbo-Croatian Summary Language: English; Russian
- (33) **Losses in livestock productivity caused by ticks and tick-borne diseases.**
 Sutherst, R. W.; Kerr, J. D.
 CSIRO Div. Entomology, Long Pocket Lab., Private Bag No. 3, Indooroopilly, Qld. 4068, Australia.
 ACIAR Proceedings 1987. (No. 17): 108-112 (6 ref., In Ticks and tick-borne diseases. Proceedings of an international workshop on the ecology of ticks and epidemiology of tick-borne diseases, held at Nyanga, Zimbabwe, 17-21 February 1986, [edited by Sutherst, R.W.].)
 Language: English
- *(34) **Measuring the impact of different veterinary service programs on dairy herd health and milk production.**
 Goodger, W. J.; Kushman, J. E.
 Dep. Epidemiology, Prev. Med., Sch. Vet. Med., Univ. Tulare, California, USA.
 Preventive Veterinary Medicine 1985. 3 (3): 211-225 (21 ref.)
 Language: English

- (35) **1969-1983: 14 years of practical confirmation of liver fluke infestation in the Gettorf I meat inspection district and its consequences.**
1969-1983: 14 Jahre praktische Feststellung des Leberegelbefalls im Fleischbeschaubezirk Gettorf I und seine Folgerungen.
 Messer, J.
 Suderstrasse 52, D-2303 Gettorf, German Federal Republic.
 Tierärztliche Umschau 1985. 40 (2): 123-124
 Language: German
- (36) **Modelling tick management. 1. Introduction.**
 Sutherst, R. W.
 CSIRO Div. Entomology, Long Pocket Lab., Private Bag No. 3, Indooroopilly, Qld. 4068, Australia.
 ACIAR Proceedings 1987. (No. 17): 133-136 (16 ref., In Ticks and tick-borne diseases. Proceedings of an international workshop on the ecology of ticks and epidemiology of tick-borne diseases, held at Nyanga, Zimbabwe, 17-21 February 1986, [edited by Sutherst, R.W.])
 Language: English
- (37) **Nybelinia infection and the use of Theragra chalcogramma as food.**
Ekologicheskie zapasy i promysel mintaya.
 Kurochkin, Yu. V.
 Vladivostok, USSR
 1981. 116-124 (26 ref.)
 Referativnyi Zhurnal, Biologiya (1982), 7K102.
 Language: Russian Summary Language: English
- (38) TI : (Occurrence of trypanosomiasis and economic losses (Africa South of Sahara, animals). Incidence de la trypanosomiase et evaluation des pertes economiques (Afrique au sud du Sahara).
 AU : Toure, S.M. (Institut Senegalais de Recherches Agricoles, Dakar (Senegal).
 Departement de Recherches Zootechniques et Veterinaires).
 LA : Fr
 SR : Bulletin de l'Office International des Epizooties (France). (May- Jun 1981). v. 93(5-6) p. 867-878.
 NC : 16 ref.
 CF : (49. Session Generale du Comite de l'OIE (Office International des Epizooties). Paris (France). 25-29 May 1981.)
 CN : Country: XEFR. J (Serial article).
 LI : K (Conference).
 CC : L72 (Pests of animals) L70 E10. 4140 G110.
- (39) **The parasite problem in Podravje.**
Problematika nekaterih parazitov v Podravju. [7. Savjetovanje, Pliva i stocarska proizvodnja, Supetar, 29-30 svibnja 1985.].
 Samojlenko, F.
 Obdravski zavod za veterinarstvo in zivinorejo, Ptuj,
 Yugoslavia.
 Praxis Veterinaria 1985. 33 (1/2): 87-89
 Language: Serbo-Croatian

- * (40) Progress in the eradication of Boophilus ticks in Mexico 1960-80.**
 Woodham, C. B.; Gonzalez Origel, A.; Lopez Leon, A.;
 Guarena Morales, R.
 Centro Nacional de Parasitologia Animal, Civac, Estado de
 Morelos, Mexico.
 World Animal Review 1983. (No. 48): 18-24 (24 ref., 6
 fig.)
 Language: English
- (41) :** (Prospects for facing economic losses caused by Boophilus microplus in the Republic of Paraguay). La perspectiva de contrarrestar las perdidas economicas ocasionadas por el Boophilus microplus en la Republica del Paraguay.
AL : Franco, C. (Ministerio de Agricultura y Ganaderia, Asuncion (Paraguay) Direccion de Normas y Control Agropecuario y Forestal).
LA : Es
MS : (Programs of tick control in the countries of the Southern region) Programas de control de las garrapatas en los paises del area sur. Gomez, G. (ed.). IICA, Montevideo (Uruguay).
IM : Montevideo (Uruguay). IICA. 1987. p. 47-84.
SE : Publicacion Miscelanea A4/UY (IICA). ISSN 0534-5391. no. 87-001.
NC : Tab. 2 maps: Summary (Es).
CF : (1. Reunion de Directores de Programas de Lucha contra la Garrapata en los Paises del Area Sur. Santana do Livramento, RS (Brazil). 24-26 Sep 1986.)
CN : Country XL B (Monograph).
LI : K (Conference) E (Summary).
CC : L72 (Pests of animals).
ABES: Realiza un analisis extensivo sobre el problema de la infestacion de Boophilus en el Paraguay y las perspectivas para contrarrestar las perdidas economicas ocasionadas por esta plaga. El analisis del contenido informativo es presentado bajo los siguientes encabezamientos: (1) Antecedentes y situacion del problema en el pais. (2) El interes del productor y la decision del Gobierno de combatir el problema; (3) Esquema programatico; (4) Justificativas para implementar un proyecto de control para contrarrestar las perdidas economicas. Incluye al final una seccion de anexos
CTES: (iad) boophilus; distribucion natural; paraguay/ infestacion; perdidas; control de acaros (cad) acarina, agentes nocivos; america, america del sur, animales; animales nocivos; arachnida, artropodos, biogeografia; control, control de plagas; garrapatas; geografia, invertebrados; plagas; rentabilidad.
- (42) Screworm eradication in North and Central America.**
 Krafzur, E. S.; Whitten, C. J.; Novy, J. E.
 Dep. Entomology, Iowa State Univ., Ames, IA 50010, USA.
 Parasitology Today 1987. 3 (5): 131-137 (43 ref., 6
 fig.)
 Language: English
- (43) Social and economic significance of hydatidosis.**
Gel'mintozy cheloveka (Respublikanski Sbornik Nauchnykh Trudov), No.2.
 Levchishina, G. I.; Ermolova, R. S.; Stol'naya, N. M.;
 Koneva, L. M.
 Rostov Res. Inst. of Med. Parasit., Rostov, USSR.
 Leningrad, USSR; Leningradskii Nauchno-Issledovatel'skii
 Institut Epidemiologii i Mikrobiologii
 1981. 3-7 (3 ref.)
 Language: Russian

- (44) **Socio-economic losses linked to parasitoses in domestic ruminants in the Appenine region.**
Danni socio-economici legati alle parassitosi dei ruminanti domestici nelle zone Appenniniche. [Tavola Rotonda, Soc. Italiana di Parassit., Camerino, 12 Settembre 1981].
 Restani, R.
 Istituto Malattie Infettive, Profilassi e Polizia Vet.,
 Univ. Bologna, Italy.
 Parassitologia 1981, recd. 1985. 23 (1/3): 297-301
 Language: Italian
- (45) **Study of the economic significance of zoonotic cutaneous leishmaniasis in the Uzbek SSR.**
 Zhakhangirov, Sh. M.; Krasnonos, L. N.
 Isaev's Res. Inst. of Med. Parasit., Min. of Health of
 Uzbek SSR, Samarkand, USSR.
 Meditsinskaya Parazitologiya i Parazitarnye Bolezni 1985.
 (No.4): 44-48 (11 ref.)
 Language: Russian Summary Language: English
- (46) **Successes in the control of trichinellosis in the Ukrainian SSR, and the tasks of the health service in the prophylaxis of the infection.**
 Bulgakov, V. A.; Pavlikovskaya, T. N.; Mangush, E. K.
 NII Epidemiol. i Infektsionnykh Bolezni, Minzdrava UkSSR,
 Kiev, USSR.
 Meditsinskaya Parazitologiya i Parazitarnye Bolezni 1986.
 (No.1): 63-65
 Language: Russian Summary Language: English
- (47) TI : Warble fly: the life cycle, distribution, economic losses and control.
 AU : Andrews, A.H. (Meat and Livestock Commission Veterinary Department, PO Box 44,
 Queensway House, Bletchley, Milton Keynes, Beds. (UK)).
 LA : En
 JR : Veterinary Record (UK). (1978). v. 103(16) p. 348-353.
 NO : 52 ref., 3 fig.
 CN : Country: XEGB. J (Serial article).
 CC : L72 (Pests of animals). 5212.

3. Bovinos/Bovines

3.1 Ganado bovino en general/Cattle (overall)

- (48) **An analysis of bovine mortality in National Council for Scientific Research farms from 1979 to 1983.**
 Moorthy, A. R. S.
 Livestock and Pest Res. Centre, NCSR, PO Box 49, Chilanga,
 Lusaka, Zambia.
 Bulletin of Animal Health and Production in Africa 1985.
 33 (4): 291-296 (2 ref.)
 Language: English
- (49) TI : Animal health and economics. The standardization of procedures (economic evaluation, bovine brucellosis, bovine tuberculosis; Canada).
 LA : En
 JR : Bulletin de l'Office International des Epizooties (France). ISSN 0300-9823.
 (May-Jun 1980). v.92(5-6) p. 203-205.
 NO : 19 Tables. Summaries (En. Fr).
 CN : Country: XEFR. J (Serial article).

LI : E (Summary).
CC : L73 (Animal diseases) E10. 5212 4110 G374.

- (50) **The Australian Brucellosis and Tuberculosis Eradication Campaign. An economic evaluation of options for finalising the campaign in northern Australia.**
Stoneham, G.; Johnston, J.
Rural Production Economics Branch, B.A.E., Canberra ACT, Australia.
Occasional Paper, Bureau of Agricultural Economics, Australia 1987. (No. 97): 112pp. (58 ref., 15 fig., 38 tab., 5 app., OQEH)
Language: English
- (51) **The badger control policy: an economic assessment.**
Power, A. P.; Watts, B. G. A.
London, UK; Ministry of Agriculture, Fisheries and Food 1987. 41pp. (Government Economic Service Working Paper No. 96)
Language: English
- (52) TI : Benefit-cost analysis in foot and mouth disease control programmes (bovines).
AU : James, A.D.; Ellis, P.R.
LA : En
JR : British Veterinary Journal (UK). (1978). v. 134(1) p. 47-52.
ND : 5 ref.
CN : Country: XEGB. J (Serial article).
CC : L73 (Animal diseases) 5212.
- (53) TI : The benefit-cost analysis of alternative strategies for the control of bovine trypanosomiasis in Ethiopia.
AU : Habtemariam, T. (Tuskegee Inst., AL (USA) School of Veterinary Medicine, Dept. of Large Animal Medicine and Surgery). Howitt, R.E.; Ruppner, R.; Riemann, H.P.
LA : En
JR : Preventive Veterinary Medicine (Netherlands). (Feb 1983) v. 1(2) p. 157-168.
ND : 14 ref., Summary (En).
CN : Country: XENL. J (Serial article).
LI : E (Summary)
CC : L72 (Pests of animals). 5212 4140 G136.
- (54) **A benefit-cost analysis of the program to eradicate an outbreak of anaplasmosis in Canada.**
Proceedings of the 4th International Symposium on Veterinary Epidemiology and Economics, Singapore, 18-22 November 1985
Krystynak, R.
Agric. Canada, Ottawa, Ont. K1A 0C5, Canada.
1986. 327-329 (9 ref.)
Language: English
- (55) **Benefits of a clostridial vaccination program in feedlot cattle.**
Knott, G. K. L.; Erwin, B. G.; Classick, L. G.
9342 Hudson Drive, Huntington Beach, CA 92646, USA.
Veterinary Medicine 1985. 80 (6): 95-97 (1 ref.)
Language: English

- (56) **Bovine babesiosis in Ireland.**
 Gray, J. S.; Murphy, T. M.
 Dep. Agric. Zoology, University College, Dublin, Ireland.
 Irish Veterinary News 1985. (October): 9-14 (42 ref.)
 Language: English
- *(57) **Bovine fascioliasis in Negeria VI. Parasitological characteristics of field infections.**
 Ogunrinade, A. F.
 Dep. Vet. Microbiol. Parasitol., Univ. Ibadan, Nigeria.
 Revue d'Elevage et de Medecine Veterinaire des Pays Tropicaux 1984. 37 (3): 299-303 (22 ref.)
 Language: English Summary Language: Spanish; French
- (58) **Bovine parafilariasis: condemnations at the Cato Ridge abattoir [South Africa].**
 Wallace, H. G.; Weaver, D. B.; Kretzmann, P. M.; Payne, J. R.
 Vet. Div., Dep. Agric., PO Box 206, 3680 Cato Ridge, Natal, South Africa.
 Journal of the South African Veterinary Association 1983. 54 (2): 123-125 (6 ref.)
 Language: English
- (59) **Bovine parafilariasis: the first diagnosis in southern African and some early observations.**
 Heever, L. W. van den (Van den Heever, L. W.)
 Fac. Vet. Sci., PO Box 12580, Onderstepoort 0110, South Africa.
 Proceedings of the 13th World Congress on Diseases of Cattle, Durban, South Africa 1984. 1 432-435 (17 ref.)
 Language: English Summary Language: German; French
- (60) **Bovine tuberculosis and badgers - technical, economic and political aspects of a disease control programme.**
 McInerney, J. P.
 Univ. Exeter, UK.
 Journal of the Agricultural Society, University College of Wales 1986. 67 136-167 (4 ref., 3 fig., 1 tab., 00EH)
 Language: English
- (61) **Bovine viral diarrhoea-mucosal disease: an economic evaluation of prevention by vaccination.**
Bovine Virusdiarrhoe-Mucosal-Disease: Eine okonomische Bewertung der Impfprophylaxe.
 Ring, C.; Denzinger, A.; Mayr, A.; Kandler, J.
 Inst. Mikrobiol., Veterinarstr. 13, D-8000 Munchen 22, German Federal Republic.
 Deutsche Tierarztliche Wochenschrift 1985. 92 (10): 400-402 (17 ref.)
 Language: German Summary Language: English
- (62) **II : (Contribution to the study of prevalence and economic loss due to telang estesia of bovines slaughtered in slaughtering house of Monteria (Colombia)). Contribucion al estudio de prevalencia y perdidas economicas por telangiectasia en bovinos sacrificados en el matadero municipal de Monteria (Colombia).**
 AU : Oviedo Marquez, E.M.; Ayala Canadas, R.A.
 CO : Universidad de Cordoba, Monteria (Colombia).
 LA : Es

IM : Monteria (Colombia). 1978. 74 p.
NC : 24 ref. Summary (Es) *Biblioteca. Univ. de Cordoba, Monteria (Colombia). Degree:
Tesis (Med Vet Zoot).
CN : Country: XLCO. B (Monograph).
LI : U (Thesis or diss.) E (Summary) V (Non conventional).
CC : L73 (Animal diseases) Q20. 5212 4490 4350 G518.

- (63) **Cost-benefit analysis of control measures for bovine viral diarrhoea (mucosal disease), particularly immunization.**
Nutzen-Kosten-Analyse der Bekämpfung der Bovinen Virus-diarrhoe-Mucosal disease unter besonderer Berücksichtigung der Schutzimpfung.
Denzinger, A.
Inaugural Dissertation, Tierärztliche Fakultät der Ludwig-Maximilians-Universität München
1984. 73pp. (36 ref.)
Language: German Summary Language: English
- (64) **Cost-benefit analysis of ways of controlling enzootic bronchopneumonia in cattle, particularly immunization.**
Nutzen-Kosten-Analyse der Bekämpfung der Enzootischen Bronchopneumonie des Rindes unter besonderer Berücksichtigung der Schutzimpfung.
Denzinger, F.
Inaugural Dissertation, Tierärztliche Fakultät der Ludwig-Maximilians-Universität München
1984. 77pp. (26 ref.)
Language: German Summary Language: English
- (65) TI : Cost-effectiveness analysis of alternative national disease control and monitoring strategies (brucellosis).
AJ : Roe, R.T.
LA : En
MS : Third International Symposium on Veterinary Epidemiology and Economics: Arlington, Va. USA. 6-10 Sept 1982. Association of Teachers of Veterinary Public Health and Preventive Medicine (USA). *US (DNAL SF780.915 1982).
IM : Edwardsville, Kan. (USA). Veterinary Medicine Pub. Co. 1983. p. 438-443. ISBN 09-350-79258.
NO : 6 references.
CN : Country: US. B (Monograph).
CC : L73 (Animal diseases) E15. 5212 4110 G922.
FT : brucellosis, disease control; cost analysis; monitoring; slaughter, cattle; australia.
- (66) **The cost of bovine mastitis.**
Il costo della mastite bovina.
Brunner, F.; Petrolani, R.; Ruffo, G.
Fac. Med. Vet., Univ., Milano, Italy.
Praxis Veterinaria, Italy 1987. 8 (2): 14-15, 18-19 (21 ref.)
Language: Italian Summary Language: English
- (67) **Cysticercus bovis in cattle in the Ostroleka district.**
Ekstensywnosc inwazji wagra C. bovis u bydla w wojewodztwie ostroleckim.
Jablonski, T. A.
Medycyna Weterynaryjna 1984. 40 (7): 424-427 (57 ref.)
Language: Polish Summary Language: English; Russian

- (68) **Damage by and control of flies in intensive livestock production.**
Stallfliegen - Schadwirkung und Bekämpfung in der intensiven Tierproduktion.
 Ribbeck, R.; Betke, P.; Müller, P.; Schumann, H.; Hepe, T.
 Sektion Tierproduktion & Veterinärmedizin, Karl-Marx-Univ., DDR-7010 Leipzig, German Democratic Republic.
 Monatshefte für Veterinärmedizin 1987. 42 (14): 517-521 (27 ref.)
 Language: German Summary Language: Russian; English
- (69) **Dynamics of economic losses due to bovine cysticercosis in southern Moravia.**
Proceedings of the 1st International Symposium on human taeniasis and cattle cysticercosis, 20-24 September 1982, Ceske Budejovice, Czechoslovakia. [Edited by: Prokopic, J.]
 Nevole, M.; Kral, E.
 Vet. Sch., Brno, Czechoslovakia.
 Prague, Czechoslovakia; Academia, Praha 1983. 385-392 (6 ref.)
 Language: English Summary Language: Russian
- (70) **Economic analysis of controlling liver fluke.**
 Simpson, J. R.; Kunkle, W.; Courtney, C. H.; Shearer, J. K.
 Dep. of Food & Resource Economics, Inst. of Food & Agric. Sci., Univ. of Florida, Gainesville, FL 32610, USA.
 Agri-Practice 1985. 6 (2): 20-24
 Language: English
- (71) **An economic analysis of livestock disease losses.**
 Paramatma Singh; Sissdia, B. V. S.; Kunzru, O. N.
 Indian Vet. Res. Inst., Izatnagar, Uttar Pradesh 243 122, India.
 Indian Veterinary Journal 1987. 64 (3): 227-230 (3 ref.)
 Language: English
- (72) **Economic and epidemiologic analysis of U.S. bovine brucellosis programs.**
 Dietrich, R. A.; Amosson, S. H.; Crawford, R. P.
 Dep. Agric. Economics, Texas Agric Exp. Station, A&M Univ., TX 77843, USA.
 Proceedings of the United States Animal Health Association 1985. 89 136-149 (6 ref.)
 Language: English
- (73) **Economic and epidemiologic analysis of U.S. bovine brucellosis programs. Volume 1: primary report, Volume II: model documentation, input matrices, and computer programs; Volume III: national epidemiologic summaries and regional summaries of current program.**
 Amosson, S. H.; Dietrich, R. A.; Crawford, R. P.
 Dep. of Agric. Economics, Texas A&M Univ., Collage Station, Texas, USA.
 Departmental Technical Report, Department of Agricultural Economics, Texas A&M University 1986. (No. 86-1; No. 86-2;

No. 86-3): vii + 92pp.; ix + 246pp.; iv + 253pp. (13 ref.,
fig., tab., OAE)

Language: English

- *(74) Economic and epidemiologic implication of national bovine
brucellosis programs - a case study.**
Amosson, S. H.
Dissertation Abstracts International, A 1984. 45 (1): p.2
51 (Diss., Texas A&M University, 1983, 327pp.)
Language: English
- (75) Economic and epidemiological implications of anaplasmosis
in Texas cattle herds.**
Alderink, F. J.; Dietrich, R. A.
Vet. Serv., Anim. Plant Hlth Inspection Serv., Hyattsville,
Maryland, USA.
Proceedings of the United States Animal Health Association
1982. 86 66-75 (15 ref.)
Language: English
- (76) TI : (Economic aspects and control of bovine Hypodermosis in Italy). Aspetti economici
e controllo dell'ipodermosi bovina in Italia.**
AU : Macchioni, G. (Pisa Univ. (Italy). Cattedra di Patologia Tropicale Veterinaria).
LA : It
JR : Annali della Facolta di Medicina Veterinaria di Pisa (Italy). ISSN 0365-4729.
(1984). v. 37 p. 147-154. Issued 1985.
NC : 15 ref. Summaries (En. Fr. It) *IT.
CF : (Progress and problems of warble fly control in Europe. Symposium. Brussels
(Belgium). 16-17 Sep 1982.)
CN : Country: IT J (Serial article).
LI : K (Conference) E (Summary).
CC : L72 (Pests of animals).
AB : The A. reports the incidence of Hypodermosis and values the economic losses in
Italy he recommends a systematical eradication of the disease keeping in mind
the acquisitions concerning the peculiarities of the life cycle of the parasite.
(EN)
CIES: (iad) bovinæ; enfermedades parasitarias; enfermedades (piel); Italia. (cad)
agentes nocivos: artiodactyla; bovidæ; enfermedades; enfermedades organicas;
europa; europa occidental. mamiferos; rumiante; vertebrados.
- (77) Economic effects of the main parasitoses of cattle.
Les incidences économiques des principales parasitoses des
bovins.**
Marchand, A.
Ecole. Nat. Vet., Route de Gachet, BP 527, F-44026 Nantes,
France.
Revue de Medecine Veterinaire 1984. 135 (5): 299-302
Language: French Summary Language: German; English; Spani
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- (78) Economic efficacy of various treatments against
theileriasis in cattle.**
Seredkin, V. A.; Shmunk, E. K.; Tursunov, M. T.
Trudy Uzbekskogo Nauchno-Issledovatel'skogo Veterinarnogo
Instituta (Gel'mintozy i parazitarnye bolezni
sel'skokhozyaistvennykh zhivotnykh v Uzbekistane) 1984. (No
.36): 68-71 (2 ref.)
Language: Russian

- *(79) **An economic evaluation of alternative control programs for the cattle nematode *Parafilaria bovicola* using benefit-cost analytic technique. An epidemiologic simulation model.**
Third International Symposium of Veterinary Epidemiology and Economics, Arlington, Virginia, USA, 6-10 September 1982. (Sponsored by the Ass. of Teachers of Vet. Publ. Hlth and Preventive Med., under the auspices of the Internat. Soc for Vet. Epidemiol. and Economics.).
 Bech-Nielsen, S.; Hugoson, G.; Wold-Troell, M.
 Dep. of Epizoot., Nat. Vet. Inst., S-75007 Uppsala, Sweden.
 Edwardsville, Kansas 66111, USA; Veterinary Medicine Publishing Co.
 1983. 444-451 (18 ref.)
 Language: English
- (80) TI : (Economic evaluation of hydatid echinococcosis in animals (bovines, ovines, caprines, swine and equidae)). Valoracion economica de la equinococcosis hidatidica en los animales (bovinos, ovinos, caprinos, cerdos y equidos).
 AU : Respaldiza Cardenosa, E.; Gomez, R.A.; Rodriguez Poblete, M.J.; Nunez Munoz, M. del R.; Valls, J.L.
 LA : Es
 JR : Hygia Pecoris (Spain). ISSN 0210-4016. (1981). v. 3(4) p. 25-42
 NC : Graphs: 12 ref. Summaries (En, Es, Fr).
 CN : Country: ES. J (Serial article).
 LI : E (Summary).
 CC : L72 (Pests of animals) E15. 5212 5240 5250 5300 5100.
- (81) **Economic evaluation of several control programs for the cattle nematode *Parafilaria bovicola* using benefit-cost analysis.**
 Bech-Nielsen, S.; Hugoson, G.; Wold-Troell, M.
 Dep. Epizootiol., Nat. Vet. inst., S-750 07 Uppsala, Sweden.
 Preventive Veterinary Medicine 1983. 1 (4): 303-320 (20 ref.)
 Language: English
- (82) TI : **Economic evaluation of the losses caused by bovine trypanosomiasis in the north of the Ivory Coast.**
 AU : Camus, E.
 CC : FAO, Rome (Italy).
 LA : En
 IM : Rome (Italy). FAO. Aug 1980. 7 p.
 NO : Includes discussion - MICROFICHE NO 8214051-E.
 CP : (FAO/SIDA Workshop on the Breeding of Trypanotolerant Livestock. Lome (Togo). 26 Nov 1980.)
 CN : Country: XF. B (Monograph).
 LI : K (Conference) V (Non conventional).
 CC : L72 (Pests of animals). 5212 4140 G204.
 FT : trypanosomiasis; economic losses; ivory coast; cattle. (en)
- (83) TI : **An economic evaluation of the New Zealand Bovine Brucellosis eradication scheme.**
 AU : Shepherd, A.A. (Ministry of Agriculture and Fisheries, Palmerston North (New Zealand)); Simpson, B.H.; Davidson, R.M.
 LA : En
 JR : Bulletin de l'Office International des Epizooties (France). ISSN 0300-9823. (May-Jun 1980). v.92(5-6) p. 331-338.
 NO : 10 Ref., Summaries (En, Fr).
 CN : Country: XEFR. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases) E10. 5212 4110 G935.

- *(84) Economic evaluation of the production impact of bovine schistosomiasis and vaccination in the Sudan.**
 McCauley, E. H.; Majid, A. A.; Tayeb, A.
 Dep. Large Anim. Clin. Sci., Coll. Vet. Med., Univ., St Paul, Minnesota 55108, USA.
 Preventive Veterinary Medicine 1984. 2 (6): 735-654 (33 ref.)
 Language: English
- (85) Economic impact of animal diseases. Example-bovine mastitis.**
L'impact économique des maladies animales. Un exemple-les mammites bovines.
 Jactel, B.
 Min. Agric., 94704 Maisons-Alfort, France.
 Epidemiologie et Sante Animale 1987. (No.11): 19-36 (13 ref.)
 Language: French Summary Language: English
- (86) Economic implications of cysticercosis in cattle.**
Proceedings of the 1st International Symposium on human taeniasis and cattle cysticercosis, 20-24 September 1982, Ceske Budejovice, Czechoslovakia. [Edited by: Prokopic, J.].
 Olteanu, G.
 Prague, Czechoslovakia; Academia, Praha
 1983. 359-373 (12 ref.)
 Language: English Summary Language: Russian
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 AU : Torres Lara R.
 CO : Universidad Nacional Tecnica de Cajamarca (Peru). Programa Academico de Medicina Veterinaria.
 LA : Es
 IM : Cajamarca (Peru). 1980. 83 p.
 NO : 29 tables. 46 ref. Summary (En, Es) *Univ. Nacional Tecnica de Cajamarca, Cajamarca (Peru) Degree Tesis (Med Vet).
 CN : Country: XLPE. B (Monograph).
 LI : U (Thesis or diss.) E (Summary) V (Non conventional).
 CC : L72 (Pests of animals) 5212 5240 5300 4060 G530.
- (88) TI : Economic losses due to cysticercosis in cattle. Ekonomické ztráty způsobené cysticercózou skotu.**
 AU : Bartak, J. (Velkovykrmný, Trebon (Czechoslovakia)), Sterba, J.; Prokopic, J.; Schandl, V.
 LA : Cs
 JR : Veterinarni Medicina - UVTIZ (Czechoslovakia). ISSN 0590-5214. (Sep 1982). v. 27(9) p. 525-530.
 NO : 5 graphs; 14 ref. Summaries (De, En, Ru).
 CN : Country: CS. J (Serial article).
 LI : E (Summary).
 CC : L72 (Pests of animals) E15. 5213 4060.

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Bedrijfseconomische schade van paratuberculose bij het
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 Benedictus, G.; Dijkhuizen, A. A.; Stelwagen, J.
 Borgerstraat 13, 8501 NC Joure, Netherlands.
 Tijdschrift voor Diergeneeskunde 1985. 110 (8): 310-319
 (20 ref.)
 Language: Dutch Summary Language: English
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 Perdidas economicas por decomiso de higados parasitados (bovinos) Fasciola hepatica en el rastro Municipal de Ciudad Netzahualcoyotl Estado de Mexico durante el ano de 1982.
 AU : Lobato Solis, G.
 CO : Universidad Nacional Autonoma de Mexico, Mexico, DF (Mexico). Facultad de Medicina Veterinaria y Zootecnia.
 LA : Es
 IM : Mexico, DF (Mexico). 1983 21 p.
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 CN : Country: XLMX. B (Monograph).
 LI : N (Numerical data) U (Thesis or diss.) E (Summary) V (Non conventional).
 CC : L72 (Pests of animals) E10 Q20. 5212 4060 G404.
- (91) TI : (Economic losses in milk production due to bovine subclinic mastitis in the basin of the Maracaibo Lake (Venezuela)). EP-5. Perdidas economicas por leche no producida como consecuencia de mastitis subclinica bovina en la cuenca del Lago de Maracaibo (Venezuela). EP - 5.
 AU : Gonzalez Anez, G. (Universidad del Zulia, Maracaibo (Venezuela)).
 LA : Es
 MS : (1. National field days on double purpose livestock). 1. Jornadas nacionales sobre ganaderia de doble proposito. Ministerio de Agricultura y Cria, Caracas (Venezuela). Only summary.
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 NC : *Centro Nacional de Investigaciones Agropecuarias, Maracay (Venezuela).
 CF : (1. Jornadas Nacionales sobre Ganaderia de Doble Proposito. Machiques (Venezuela). 12 Jan 1977.)
 CN : Country: XLVE. B (Monograph).
 LI : K (Conference) E (Summary) V (Non conventional).
 CC : L73 (Animal diseases) E10. 5214 G536.
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 AU : Grindle, R.J. (Centre for Trop. Vet., Univ. of Edinburgh, Easter Bush, Roslin, Midlothian, Scotland (UK)).
 LA : En
 JR : Tropical Animal Health and Production (UK). (1978). v. 10(3) p. 127-240.
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 CC : L72 (Pests of animals). 5212 G140 G158.

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 Language: Serbo-Croatian Summary Language: English
- (95) **Economics of trypanosomiasis control in cattle.**
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 KTL, Bregut te Matit, Lezhe, Albania.
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 Dep. Vet. Parasit., Univ., Ibadan, Nigeria.
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 ICIPE, PO Box 30 772, Nairobi, Kenya.
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 Language: English
- *(102) **Effects of stable flies (Diptera: Muscidae) on weight gain and feed efficiency of feedlot cattle.**
 Campbell, J. B.; Berry, I. L.; Boxler, D. J.; Davis, R. L.; Clanton, D. C.; Deutscher, G. H.
 West Cent. Res. & Extension Cent., Univ. Nebraska, North Platte, NE 69101, USA.
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 Language: English

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 Norval, R. A. I.; Sutherst, R. W.; Kerr, J. D.; Jorge nsen, O. G.; Kurki, J.; Gibson, J. D.
 Vet. Res. Lab., PO Box 8101, Causeway, Zimbabwe.
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- (104) **Epidemiological studies and economic significance of fascioliasis in the province of Cordoba, Argentina. Estudio epidemiologico e implicancias economicas de la distomatosis hepatica en la provincia de Cordoba.**
 Pizzi, H.; Navarro, Z.; Pizzi, D.; Benvissuto, G. Fac. Med., Universidad Catolica, Casilla 909, 5000 Cordoba, Argentina.
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 AU : Heron, B.R.
 LA : En
 MS : Third International Symposium on Veterinary Epidemiology and Economics: Arlington, Va., USA, 6-10 Sept 1982. Association of Teachers of Veterinary Public Health and Preventive Medicine (USA). *US (DNAL SF780.9.15 1982).
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 CN : Country: US. B (Monograph).
 CC : L72 (Pests of animals) L73 E10. 5212 4030 G436.
 FT : psoroptes bovis. disease control, epidemiology; economic evaluation; cattle; california.
- (106) TI : Estimate of incidence and direct economic losses due to bluetongue in Mississippi cattle during 1979
 AU : Metcalf, H.E.; Lomme, J.; Beal, V.C. Jr.
 LA : En
 ER : Proceedings ... annual meeting - United States Animal Health Association (USA). ISSN 0082-8750. (1980). (no. 84th) p. 186-202. *US (NAL 49.9 UN3R).
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 LI : Y (Maps included).
 CC : L73 (Animal diseases) E15. 5212 4150 G456
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 Ervin, R. T.; Epplin, F. M.; Byford, R. L.; Hair, J. A.
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 NO : 9 tables.
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 Dep. Agric. Zool., Univ. Coll., Dublin 4, Ireland.
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 Language: English
- (111) TI : (Evaluation of proteic and economic losses caused by tuberculosis in two livestock units (bovines)). Valoracion de las perdidas economicas y proteicas producida por la tuberculosis en dos unidades pecuarias.
 AU : Brito, R.; Martinez, R.; Perez, Y. (Instituto de Medicina Veterinaria, La Habana (Cuba). Direccion Provincial).
 LA : Es
 MS : 1st National Day of the Cuban Society of Epizootiology and Anthroozoonosis, La Habana (Cuba) 23-24 Nov 1979. 1. Jornada Nacional de la Sociedad Cubana de Epizootiologia y Anthroozoonosis.
 IM : La Habana (Cuba). Centro de Informacion y Documentacion Agropecuario. Nov 1979. p. 1.
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 LI : K (Conference) E (Summary) V (Non conventional).
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Language: English

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Language: English

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Language: English

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LI : K (Conference)
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Language: English

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 AU : Damme, C. van.
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- (127) **Losses due to parasitic diseases in animals in Croatia.**
Stete zbog parazitarnih bolesti zivotinja u Hrvatskoj [7. Savjetovanje, Pliva i stocarska proizvodnja, Supetar, 29-30 svibnja 1985.].
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 Language: English
- (143) **A review of some economic losses due to liver fluke and nematode infections in cattle and sheep and of the benefits of treatment.**
Pregled gospodarskih šteta zbog metiljavosti i helmintijaze goveda i ovaca i koristi njihova liječenja [7. Savjetovanje, Pliva i stocarska proizvodnja, Supetar, 29-30 svibnja 1985.].
 O'Sullivan, C. M.
 Coopers Anim. Health Ltd., Berkhamsted, Herts, UK.
 Praxis Veterinaria 1985. 33 (1/2): 157-160
 Language: Serbo-Croatian Summary Language: English
- (144) **A review of ticks and screwworms affecting livestock in the Caribbean.**
 Rawlins, S. C.; Mansingh, A.
 Dep. Microbiol., Univ. West Indies, Mona, Kingston 7, Jamaica.
 Insect Science and its Application 1987. 8 (2): 259-267 (62 ref.)
 Language: English Summary Language: French
- *(145) **The significance and control of stomach worms in British cattle.**
 Bain, R. K.; Urquhart, G. M.
 Dep. of Vet. Parasit., Univ. of Glasgow, Glasgow G61 1QH, Scotland, UK.
 Outlook on Agriculture 1986. 15 (1): 10-14 (6 ref.)
 Language: English
- (146) **A simple epidemiological method for animal trypanosomiasis to provide relevant data for effective financial decision-making.**
 Wilson, A. J.; Gatuta, G. M.; Njogu, A. R.; Mgtutu, S. P.; Alushula, H.
 Kenya Trypanosomiasis Res. Inst., P.O. Box 362, Kikuyu, Kenya.
 Veterinary Parasitology 1986. 20 (4): 261-274 (14 ref.)
 Language: English

- (147) **Skin damage in cattle.**
Hautschaden beim Rindvieh.
Mittelholzer, L.
Tierarzt, Appenzell, Switzerland.
Simmentaler Fleckvieh 1987. (No. 4): 14-22
Language: German
- (148) TI : Socio-economic evaluation of rinderpest outbreak in Nigeria. Evaluation socio-economique d'un foyer de peste bovine au Nigeria.
AU : Oluokun, S.B. (Ministere Federal de l'Agriculture, Lagos (Nigeria). Departement Federal de l'Elevage); David-West, K.B.
LA : Fr. En. Es
MS : (Animal health and economics). Sante animale et economie. Office International des Epizooties. Paris (France).
IM : Paris (France). OIE 1983 ISBN 92-9044-116-X. p. 417-429.
SE : Office International des Epizooties Serie Technique (France). no. 3.
NO : 8 ref.. Summary (Fr).
CN : Country: XEFR. B (Monograph).
LI : E (Summary).
CC : L73 (Animal diseases) E15. 5212 4150 G214.
- (149) **Some aspects of the epidemiology and economics of important diseases of large ruminants in Indonesia.**
Ronohardjo, P.; Wilson, A. J.; Partoutomo, S.; Hirst, R. G.
Res. Inst. Anim. Dis., PO Box 52, Bogor, Indonesia.
Proceedings of the 4th International Symposium on Veterinary Epidemiology and Economics, Singapore, 18-22 November 1985 1986. 303-305 (9 ref.)
Language: English
- (150) **Some epidemiological aspects and economic loss of bovine ephemeral fever outbreak in Tuban and surrounding areas, East Java, Indonesia.**
Ronohardjo, P.; Rastiko, P.
Res. Inst. Anim. Dis., PO Box 52, Bogor, Indonesia.
Penyakit Hewan 1982. 14 (24): 25-29 (23 ref.)
Language: English
- (151) TI : (Statistical survey of animals affected with Hydatid cysts during 1967-1971. A study of economic losses (Argentina, cattle, sheep, swine)). Datos estadisticos sobre animales afectados de hidatidosis; periodo 1967-1971 - Calculo de perdidas economicas.
AU : Morini, E.G.; Grillo Torrado, C.E. de B. de.
LA : Es
JR : Revista de Medicina Veterinaria (Argentina). (May 1974). v. 55(3) p. 228-232, 235-238.
NO : Tables. 8 ref. Summaries (En, Es).
CN : Country: XL. J (Serial article).
LI : E (Summary).
CC : L72 (Pests of animals) E10. 5212 5240 5300 G510.

- (152) **Statistics for causes of loss among insured cattle in the Bern canton of Switzerland, 1979-1978.**
Statistik der Abgangsursachen in den Viehversicherungskassen des Kantons Bern (1972 bis 1978).
 Wyss, U.; Martig, J.; Gerber, H.
 Ambulatorische Klinik, Bremgartenstrasse 109a, CH-3001 Bern, Switzerland.
 Schweizer Archiv für Tierheilkunde 1984. 126 (7): 339-357
 (15 ref.)
 Language: German Summary Language: English; French; Italian
- (153) TI : Studies on the estimates of economic losses caused by brucellosis among bovines and its control in India.
 AU : Mathur, A.C.; Sharma, G.L. (Indian Veterinary Research Inst., Izatnagar).
 LA : En
 JR : Indian Journal of Animal Sciences (India). (Dec 1976). v. 44(9) p. 654-661.
 NO : 3 tables, 52 ref. Summary (En). Received for publication 30 Apr 1974.
 CN : Country: IN. J (Serial article)
 LI : E (Summary).
 CC : L73 (Animal diseases). 5212 G635.
- (154) TI : (Summer mastitis among pregnant (Black Pied Danish) SDM stock: Economic losses).
 Sommermastitis hos draegtigt SDM-opdraet: Oekonomiske tab.
 AU : Oestergaard, V.; Hansen, J.W.; Nansen, P.
 LA : Da
 JR : Meddelelse. Statens Husdyrbrugsforsog (Denmark). ISSN 0106-8857. (29 Jun 1984). (no.551) p. 1-4.
 NO : Summary (Da).
 CN : Country: XEDK. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases) E15. 5212 4110.
- (155) **A survey on hypodermatosis in cattle.**
 Yan, Q. L.
 Huangnanzhou Anim. Sci. Inst., Tibetan Autonomous Prefecture of Huangnan, Qinghai, China.
 Chinese Journal of Veterinary Science and Technology 1986. (No. 11): 20-23
 Language: Chinese
- (156) **Towards an assessment of the economic impact of ticks on rural development.**
 Pegram, R. G.; Chizyuka, H. G. B.
 FAO, PO Box 30 563, Lusaka, Zambia.
 ACIAR Proceedings 1987. (No. 17): 104-107 (10 ref., In Ticks and tick-borne diseases. Proceedings of an international workshop on the ecology of ticks and epidemiology of tick-borne diseases, held at Nyanga, Zimbabwe, 17-21 February 1986, [edited by Sutherst, R.W.].)
 Language: English
- (157) **Trypanosomiasis 'risk' or 'challenge': a review.**
 Rogers, D. J.
 Dep. Zool., South Parks Rd, Oxford, UK.
 Acta Tropica 1985. 42 (1): 5-23 (63 ref.)
 Language: English

- (158) TI : Updating of economic evaluation of the control campaigns against bovine tuberculosis, Brucellosis, Foot-and-Mouth disease and Swine fever in Italy (1979).
 AU : Ghilardi, G.; Caporale, V.P.; Batteli, G.; Cavrini, C.
 LA : En
 JR : Bulletin de l'Office International des Epizooties (France). (May- Jun 1981). v. 93(5-6) p. 1015-1021.
 NO : Summary (En).
 CF : (49 Session Generale du Comite de l'OIE (Office International des Epizooties). Paris (France). 25-29 May 1981.)
 CN : Country: XEFR. J (Serial article).
 LI : K (Conference) E (Summary).
 CC : L73 (Animal diseases) L70. 5212 5240 5250 5300 4110 4150 G909.
- (159) Using a demographic simulation model to estimate the direct economic benefits of tsetse control measures: case study of the cattle farming zone of Sideradougou in Burkina Faso.
 Utilisation d'un modele de simulation demographique pour l'estimation des benefices economiques directs de lutte contre les glossines: application a la zone pastorale de Sideradougou, Burkina Faso.
 Brandl, F. E.
 Revue d'Elevage et Medicine Veterinaires des Pays Tropicaux 1985. 38 (4): 364-370
 DOC/FI 18 543.
 Language: French
- (160) Ventipulmin-granulate for treating bovine pneumonia.
 Ventipulmin-Granulate bei der Behandlung der Rinderrippe.
 Behrens, H. J.
 D-2358 Kaltenkirchen, German Federal Republic.
 Tierarztliche Umschau 1983. 38 (9): 628, 631-632
 Language: German Summary Language: English
- (161) Warble fly.
 Leaflet, Ministry of Agriculture, Fisheries and Food, UK 1 984. (No. 533): 4 pp. (1 ref., 1 fig.)
 Language: English

3.1.1 Ganado bovino de carne/Beef cattle

- *(162) Animal parasites: profit reducers.
 Beef cattle science handbook, volume 19. (International Stockmen's School Handbooks.) [Edited by: Baker, F.H.].
 Mussman, H. C.
 Colorado, USA; Westview Press, Inc.
 1983. 611-615
 Language: English
- (163) Economic analysis of anthelmintic treatment of beef cattle on the Santa Catarina plateau.
 Analise economica da aplicacao de anti-helminticos em bovinos de corte no planalto Catarinense.
 Sorrenson, W. J.; Echeverria, L. C. R.; Ramos, C. I.; Paloschi, C. G.; Ramos, J. C.

GTZ/EMPASC, Sede. C.P. D 20, Florianopolis, SC., Brazil.
Comunicado Tecnico, EMPASC, Florianopolis 1985. (No.87):
1-17 (8 ref.)
Language: Portuguese

- (164) **Economic analysis of the application of anti-helminthics to beef cattle on the Santa Catarina plateau.**

Analise economica da aplicacao de anti-helminticos em bovinos de corte no planalto Catarinense.

Sorrenson, W. J.; Echeverria, L. C. R.; Ramos, C. I.;
Paloschi, C. G.; Ramos, J. C.

Comunicado Tecnico, Empresa Catarinense de Pesquisa
Agropecuaria, EMBRAPA, Brazil 1985. (No. 87): 17pp. (8
ref., 2 fig., 9 tab., CAB)

Language: Portuguese

- (165) TI : **Economic losses associated with anaplasmosis (caused by the microorganism Anaplasma marginale) in California beef cattle utilizing three methods of economic analysis.**

AU : Goodger, W.J.

LA : En

JR : California Veterinarian (USA). (Jan 1978). v. 32(1) p. 12-14. *NAL (41.8 C12).

CN : Country: US. J (Serial article).

CC : L73 (Animal diseases). 5213 G436.

- *(166) **The effect of East Coast fever immunisation and different acaricidal treatments on the productivity of beef cattle.**

Morzaria, S. P.; Irvin, A. D.; Wathanga, J.; D'Souza, D.;
Katende, J.; Young, A. S.; Scott, J.; Gettinby, G.

Int. Lab. Res. Anim. Dis., PO Box 30709, Nairobi, Kenya.

Veterinary Record 1988. 123 (12): 313-320 (20 ref.)

Language: English

- (167) **Effects of permethrin treatment on the weight gains of beef heifers subject to stress caused by horse flies (Diptera: Tabanidae).**

[Abstract].

McEIligott, P. E. K.

Dep. Entomology, Univ. Manitoba, Winnipeg, Man., R3T 2N2,
Canada.

Proceedings of the Entomological Society of Manitoba 1987.

43 24 (In Abstract of papers presented at the Forty-third
Annual Meeting of the Entomological Society of Manitoba)

Language: English

- (168) **Epidemiology and control of gastrointestinal helminths of beef cattle in the Cerrado Region.**

Epidemiologia e controle de helmintos gastrintestinais em bovinos de corte nos Cerrados.

Bianchin, I.; Melo, H. J. H. de (De Melo, H. J. H.)

Circular Tecnica, Empresa Brasileira de Pesquisa

Agropecuaria - EMBRAPA 1985. (No.16): 60 pp.

Language: Portuguese

- (169) TI : Estimation of **economic loss associated with anaplasmosis in California beef cattle**
(Costs).
AU : Goodger, W.J.; Carpenter, T.; Riemann, H.
LA : En
JR : Journal of the American Veterinary Medical Association (USA). ISSN 0003-1488. (15
Jun 1979). v. 174(12) p. 1333-1336. *US (NAL 41.8 AM3).
NC : ill. 16 ref.
CN : Country: US. J (Serial article).
CC : L72 (Pests of animals) E15. 4140 5213 G436.
- (170) **Impact of cattle grub (Hypoderma spp.) (Diptera: Oestridae)
infestations on performance of beef cattle.**
Schoil, P. J.; Hironaka, R.; Weintraub, J.
Agric. Canada Res. Sta., PO Box 3000 Main, Lethbridge,
Alta., T1J 4B1, Canada.
Journal of Economic Entomology 1988. 81 (1): 246-250 (26
ref.)
Language: English
- *(171) **Impact of horse flies (Diptera: Tabanidae) on beef cattle.**
Perich, M. J.; Wright, R. E.; Lusby, K. S.
Oklahoma State Univ., Stillwater, OK 74078, USA.
Journal of Economic Entomology 1986. 79 (1): 128-131 (11
ref., 1 fig.)
Language: English
- *(172) **Injury thresholds and production loss functions for the
lone star tick, Amblyomma americanum (Acari: Ixodidae), on
pastured, preweaner beef cattle, Bos taurus.**
Barnard, D. R.
Lone Star Tick Research Laboratory, ARS, USDA, Poteau,
Oklahoma 74953, USA.
Journal of Economic Entomology 1985. 78 (4): 852-855 (11
ref., 1 fig.)
Language: English
- *(173) **Modelling the effects of stable flies on the performance of
beef cattle.**
Feddes J. J. R.; DeShazer, J. A.
Agric. Engineering, Univ. Alberta, USA.
Agriculture and Forestry Bulletin, University of Alberta 1
986. 9 (1): 13-16 (19 ref.)
Language: English
- (174) TI : (Pathogenicity and **economic losses due to coccidiosis caused by Eimeria
alabamensis in cattle (beef cattle).** Patogenesis dan kerugian yang dapat
ditimbulkan Eimeria alabamensis, suatu coccidium pada sapi.
AU : Soekardono, S.
LA : In
MS : (Proceeding of the Fifth Biological Seminar). Kumpulan naskah Seminar Biologi ke
lima. Perhimpunan Biologi Indonesia, Jakarta. *Received at Bibliotheca Bogoriensis
Mar 1978.
IM : Malang (Indonesia). Jul 1977. v. 4(pt. 26) p 1-13 alabamensis, suatu coccidium
pada sapi.
NC : 29 ref.
CF : (5. Seminar Biologi. Malang (Indonesia). 7-9 Jul 1977.)
CN : Country: XBID. B (Monograph).
LI : K (Conference) V (Non conventional).
CC : L73 (Animal diseases). 5213.

- *(175) Production system-based model for defining economic thresholds in preweaner beef cattle, *Bos taurus*, infested with the lone star tick, *Amblyomma americanum* (Acari: Ixodidae).**
 Barnard, D. R.; Ervin, R. T.; Epplin, F. M.
 Lone Star Tick Res. Lab., ARS, USDA, Poteau, OK 74953, USA.
 Journal of Economic Entomology 1986. 79 (1): 141-143 (6 ref., 2 fig.)
 Language: English

3.1.2 Ganado bovino de leche/Dairy cattle

- (176) Benefits and costs of a control program for an epizootic of *Staphylococcus aureus* mastitis.**
 Goodger, W. J.; Ferguson, G.
 18830 Road 112, Tulare, CA 93274, USA.
 Journal of the American Veterinary Medical Association 1987. 190 (10): 1284-1287 (10 ref.)
 Language: English
- (177) Causes of culling in dairy cows in Venado Tuerto. Causas de rechazo de vacas lecheras en rodeos de Venado Tuerto.**
 Arisnabarreta, E. R.; Echenique, E. L.
 Cooperativa de Inseminacion Artificial, Venado Tuerto, Argentina.
 Revista Argentina de Produccion Animal 1984. 4 (1): 113-117 (5 ref.)
 Language: Spanish Summary Language: English
- (178) TI : (Contribution to the bacteriological study of the bovine mastitis in a milk producing unit in Saltillo, Coahuila and determination of the economic losses (Mexico). Contribucion al estudio bacteriologico de la mastitis bovina en una unidad productora de leche en Saltillo, Coahuila y determinacion de las perdidas economicas (Mexico).**
 AU : Cavazos Garcia, F.J.
 CC : Universidad Nacional Autonoma de Mexico, Mexico, DF. Facultad de Medicina Veterinaria y Zootecnia.
 LA : Es
 LM : Mexico, DF (Mexico). 1974. 63 p.
 NC : Illus. 26 ref. Received in 1976 *Instituto Nacional de Investigaciones Pecuarias. Mexico, DF. Degree: Tesis (MVZ).
 CN : Country: XLMX. B (Monograph).
 LI : U (Thesis or diss.) V (Non conventional)
 CC : L73 (Animal diseases). 5214 G404.
- (179) The economic damage due to ticks in a dairy herd.**
 Cordoves, C. O.; Farinas, J. L.; Fleites, R.; Garrido P.; Garcia, J.; Hernandez, S.
 Inst. Nac. Med. Vet., Habana, Cuba.
 Veterinary Medical Review 1986. (No.1): 46-49 (5 ref.)
 Language: English
- (180) Economic impact of mastitis in Michigan Holstein dairy herds using a computerized records system.**
 Kirk, J. H.; Bartlett, P. C.
 Coll. Vet. Med., State Univ., East Lansing, MI 48824-1314, USA.
 Agri-Practice 1988. 9 (1): 3-6 (19 ref.)
 Language: English

- (181) **Economic losses due to paratuberculosis in dairy cattle.**
 Benedictus, G.; Dijkhuizen, A. A.; Stelwagen, J.
 E.A. Borgerstraat 13, 8501 NC Joure, Netherlands.
 Veterinary Record 1987. 121 (7): 142-146 (20 ref.)
 Language: English
- (182) **Economics of a dry-cow anthelmintic drenching programme for dairy cows in New Zealand. Part 1. Overall response in 47 herds.**
 Bisset, S. A.; Marshall, E. D.; Morrison, L.
 Wallaceville Animal Res. Cent., Res. Div., Min. of Agric. and Fisheries, Private Bag, Upper Hutt, New Zealand.
 Veterinary Parasitology 1987. 26 (1-2): 107-118 (23 ref.)
 Language: English
- (183) **Economics of a dry-cow anthelmintic drenching programme for dairy cows in New Zealand. Part 2. Influence of management factors and other herd characteristics on the level of response.**
 Bisset, S. A.; Marshall, E. D.; Morrison, L.
 Wallaceville Animal Res. Cent., Res. Div., Min. of Agric. and Fisheries, Private Bag, Upper Hutt, New Zealand.
 Veterinary Parasitology 1987. 26 (1-2): 119-129 (10 ref.)
 Language: English
- (184) **The economics of mastitis control.**
 Fetrow, J.; Anderson, K.
 Sch. Vet. Med., State Univ., Raleigh, N. Carolina, USA.
 Compendium on Continuing Education for the Practising Veterinarian 1987. 9 (3): F103-F110 (28 ref.)
 Language: English
- *(185) **Effect on milk production of controlling muscid flies, and reducing fly-avoidance behaviour, by the use of fenvalerate ear tags during the dry period.**
 Harris, J. A.; Hillerton, J. E.; Morant, S. V.
 Dep. Zool., Univ. Reading, Whiteknights, Reading, RG6 2AJ, UK.
 Journal of Dairy Research 1987. 54 (2): 165-171 (5 ref.)
 Language: English
- *(186) **Epidemiologic and economic analyses of an unusually long epizootic of trichomoniasis in a large California dairy herd.**
 Goodger, W. J.; Skirrow, S. Z.
 Dep. Epidemiol. Prev. Med., Sch. Vet. Med., Univ., 18830 Rd 112, Tulare, CA 93274, USA.
 Journal of the American Veterinary Medical Association 1986. 189 (7): 772-776 (18 ref.)
 Language: English
- (187) **A financial analysis of alternative management strategies of cystic follicles.**
 Ngategize, P. K.; Kaneene, J. B.; Harsh, S. B.; Bartlett, P. C.; Mather, E. L.
 J.B. Kaneene, Dep. Large Anim. Clin. Sci., State Univ., East Lansing, MI 48824-1316, USA.
 Preventive Veterinary Medicine 1987. 4 (5/6): 463-470 (15 ref.)
 Language: English

- (188) TI : Health management in dairy herds. A: Combat against mastitis. B: Benefit/cost analysis of mastitis control (dairy cattle).
 AU : Yassin, T.E.T.M
 CO : Kongelige Veterinaer- og Landbohøjskole, Copenhagen (Denmark). Inst. for Intern Medicin.
 LA : En
 IM : Copenhagen (Denmark). KVL. 1978. 325 p.
 NO : 27 ill., 76 tables; 116 ref. *Danmarks Veterinaer- og Jordbrugsbibliotek, Copenhagen. Degree: Licentiaafhandling (Lic.med.vet.).
 CN : Country: XEDK. B (Monograph).
 LI : U (Thesis or diss.) Z (Bibliography) V (Non conventional).
 CC : L73 (Animal diseases). 5214.
- (189) TI : (Incidence of bovine fasciolosis and its economic evaluation using siezed liver of native Holstein, slaughtered in the slaughtering house of the Municipality of Tulancingo, Hidalgo (dairy cattle, Mexico)). Incidencia de la fasciolosis bovina y su valoracion economica a partir de higados decomisados de ganado Holstein nativo de la region sacrificados en el rastro municipal de Tulancingo, Hidalgo (ganado lechero, Mexico).
 AU : Sanchez Albarran, A.; Herrera Rodriguez, D.; Barrios Delgado, Z.
 LA : Es
 JR : Tecnica Pecuaria en Mexico (Mexico). (Jan-Jun 1976). (no.30) p. 110.
 NO : Summary only.
 CN : Country: XLMX. J (Serial article).
 LI : E (Summary).
 CC : L72 (Pests of animals). 5214 G404.
- (190) TI : (Investigation in subclinical mastitis, 1: economic losses (dairy cattle)). Investigacion en mastitis subclinicas, 1: Perdidas economicas (ganado lechero).
 AU : Gonzalez, R.N.; Giraudo, J.A.; Busso, J.J.
 LA : Es
 JR : Revista de Medicina Veterinaria (Argentina). (Sep-Dec 1977). v. 58(5-6) p. 431-434.
 NO : 13 ref. Summaries (En. Es).
 CN : Country: XLAR. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases). 5214.
- (191) **Method of assessing economic losses attributable to bovine mastitis.**
Les pertes economiques dues a la mammite: une methode d'appréciation.
 Rivard, G.; Benoit, M.; Marcoux, R.
 Direction Sante Animale, 4260 Boul. Bourque, Rock Forest, Quebec J1N 1E6, Canada.
 Medecin Veterinaire du Quebec 1986. 16 (3): 93-95 (10 ref.)
 Language: French Summary Language: English
- *(192) **Veterinary herd health and production service on dairy farms. IV. Index list on calf rearing and cow culling.**
 Noordhuizen, J. P. T. M.; Meurs, G. K. van; Braun, R. K.; Brand, A. (Van Meurs, G. K.)
 Dep. Herd Hlth Ambulatory Clin., Fac. Vet. Med., Marburglaan 4, 3584 CN Utrecht, Netherlands.
 Preventive Veterinary Medicine 1985. 3 (3): 277-287 (28 ref.)
 Language: English

***(193) Veterinary herd health and production service on dairy farms. V. Index list of metabolic/nutritional diseases, body condition score and ration composition.**
Noordhuizen, J. P. T. M.; Wilbrink, H.; Dobbelaar, P.; Brand, A.
Dep. Herd Hlth Ambulatory Clin., Fac. Vet. Med.,
Marburglaan 4, 3508 TD Utrecht, Netherlands.
Preventive Veterinary Medicine 1985. 3 (3): 289-300 (36 ref.)
Language: English

(194) Wastage and disease in Bay of Plenty dairy herds [New Zealand].
Anderson, D. C.
Rangitaiki Plains Vet. Clin., Edgecumbe, New Zealand.
New Zealand Veterinary Journal 1985. 33 (5): 61-65 (3 ref.)
Language: English

3.1.3 Vacas/Cows

***(195) The economic benefit of treating subclinical Streptococcus agalactiae mastitis in lactating cows.**
Yamagata, M.; Goodger, W. J.; Weaver, L.; Franti, C.
Sch. Vet. Med., State Univ., 18830 Rd 112, Tulare, CA 93274, USA.
Journal of the American Veterinary Medical Association 1987. 7. 191 (12): 1556-1561 (25 ref.)
Language: English

***(196) Economic decisions in veterinary practice: a method for field use.**
Fetrow, J.; Madison, J. B.; Galligan, D.
Dep. Food Anim. Equine Med., Sch. Vet. Med., State Univ., Raleigh, 27606, USA.
Journal of the American Veterinary Medical Association 1985. 5. 186 (8): 792-797 (6 ref.)
Language: English

***(197) Effect of anthelmintic treatment on milk yield. [Correspondence].**
Michel, J. F.; Richards, M.; Altman, J. F. B.; Mulholland, J. R.; Gould, C. M.; Armour, J.
Veterinary Record 1983. 113 (15): 355
Language: English

(198) Effect of cattle tick (Boophilus microplus) infestation on performance of Bos indicus cross and their progeny.
Holroyd, R. G.; Dunster, P. J.; O'Rourke, P. K.
Queensland Dep. Primary Industries, Box 6014, Rockhampton Mail Cent., Qld 4702, Australia.
Australian Journal of Experimental Agriculture 1988. 28 (1): 1-9 (25 ref.)
Language: English

- *(199)** **Effects of horn fly (Diptera: Muscidae) control on cows and gastrointestinal worm (Nematode: Trichostrongylidae) treatment for calves on cow and calf weight gains.**
 Schreiber, E. T.; Campbell, J. B.; Kunz, S. E.; Clanton, D. C.; Hudson, D. B.
 West Cent. Res. & Extension Cent., Univ. Nebraska, North Platte, NE 69101, USA.
 Journal of Economic Entomology 1987. 80 (2): 451-454 (22 ref.)
 Language: English
- *(200)** **Efficacy and financial value of antibiotic treatment of bovine clinical mastitis during lactation-a review.**
 Craven, N.
 Milking and Mastitis Centre, AFRC Inst. Anim. Dis. Res., Compton, Newbury, Berks RG16 0NN, UK.
 British Veterinary Journal 1987. 143 (5): 410-422 (41 ref.)
 Language: English
- (201)** **Milk yield loss in cows caused by blood-sucking Diptera and the protection of cattle with oxamate repellent in the Leningrad region.**
Ztraty na dojivosti krav, pusobene dvoukridlym hmyzem sajicim krev, a ochrana skotu repelentem oxamat v Leningradske oblasti.
 Minar, J.; Kostenko, L. A.; Riha, J.
 Inst Hyg. Epidem., Srobarova 48, 100 42 Praha 10, Czechoslovakia.
 Veterinarni Medicina 1987. 32 (6): 355-363 (35 ref.)
 Language: Czech Summary Language: Russian; English; German
- (202)** **Subclinical mastitis in beef cows.**
 Haggard, D. L.; Farnsworth, R. J.; Meiske, J. C.
 Coll. Vet. Med., St. Paul, Minnesota, USA.
 Compendium on Continuing Education for the Practicing Veterinarian 1987. 9 (2): F62-F67 (32 ref.)
 Language: English
- (203)** **TI : (Summer mastitis: presentation of a 4 year project, 1: Economic losses, clinical observations, aetiology, and pathogenesis). Sommermastitis: Praesentation af et 4-aarigt forskningsprojekt, 1: Oekonomiske tab, klinik, aetiologi og patogenese.**
AV : Madsen, M.; Nansen, P. (Kongelige Veterinaer- og Landbohøjskole, Copenhagen (Denmark)); Nielsen, S.A.
LA : Dø
JR : Dansk Veterinaertidsskrift (Denmark). ISSN 0106-6854. (1 Apr 1986). v. 69(8) p. 445-455.
NC : 4 ill., 27 ref.
CN : Country: DK. J (Serial article).
CC : L73 (Animal diseases) L01.
CTES: (jäd) vaca; ganado de leche; mastitis; bacteriosis; bacteria; dinamarca/ etiologia; patologia; perdidas. (cad) agentes nocivos; animales; animales de carne; animales de peleteria (cuero); animales domesticos; animales hembras; animales lecheros; artiodactyla; bovino; bovinos; enfermedades; enfermedades (glandulas mamarias); enfermedades organicas; escandinavia; europa; ganado; ganado bovino; mamiferos; rentabilidad; rumiante; vertebrados.

3.1.4 Novillos/Heifers

- (204) TI : **Economic evaluation of the treatment of hypodermatosis in heifers. Terapie hypodermatozy jalovic z ekonomickeho hlediska.**
AU : Riha, J.; Matouskova, O. (Vyzkumny Ustav Veterinarniho Lekarstvi, Brno (Czechoslovakia)). Minar, J.
LA : Cs
JR : Veterinarni Medicina - UVTIZ (Czechoslovakia). (Apr 1977). v. 22(4) p. 193-200.
NC : 1 graph, 3 tables; 15 ref.; Summaries (Cs, De, En, Ru).
CN : Country: CS. J (Serial article).
LT : E (Summary).
CC : L72 (Pests of animals). 5214.

- * (205) **Effect of antiparasitic treatments on performance and profitability in feedlot steers.**
Grimson, R. E.; Stilborn, R. P.; Gummeson, P. K.; Lea ning, W. H. D.; Guerrero, J.; Newcomb, K. M.
Lakeside Feeders Ltd, Brooks, Alberta, Canada.
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Language: English

- * (206) **Effects of various infestation levels of cattle lice (Mallophaga: Trichodectidae and Anoplura: Haematopinidae) on feed efficiency and weight gains of beef heifers.**
Gibney, V. J.; Campbell, J. B.; Boxler, D. J.; Clanton, D. C.; Deutscher, G. H.
West Central Research & Extension Center, University of Nebraska, North Platte, NE 69101, USA.
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Institut Zhivotnovodstva, Franze, Kingizskaya SSR, USSR.
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Language: Russian Summary Language: English

- * (208) **Cost benefit analysis of different anthelmintic dosing schedules in relation to weight gain of beef calves. Custo-beneficio de diferentes dosificacoes anti-helminticas em relacao ao ganho de peso de bezerros de corte.**
Lima, W. dos S.; Guimaraes, M. P.; Leite, A. C. R.
Dep. Parasit., ICB UFMG, CP 2485, CEP 30000 Belo Horizonte, MG, Brazil.
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Language: Portuguese Summary Language: Spanish

- (209) **Cost benefit analysis of feeding amprolium crumbles to prevent clinical coccidiosis in dairy calves.**
Greiner, E. C.; Braun, R. K.; Saunders, J.
Coll. Vet. Med., Univ., Gainesville, Florida 32610, USA.
Agri-Practice 1984. 5 (2): 6-9 (7 ref.)
Language: English
- *(210) **Cost benefit analysis of treatment of gastrointestinal helminthoses in calves with tetramisole or fenbendazole.**
Custo/beneficio do tratamento das helmintoses gastrintestinais de bezerros com cloridrato de tetramisol e fenbendazol.
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Inst. Ciencias Biol., UFMG, CP 2486, 30 000 Belo Horizonte, MG, Brazil.
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Language: Portuguese Summary Language: English; Spanish; French
- (211) **Economic assessment of the treatment and prevention of calf pneumonia on specialized farms.**
Voskoboinik, V. F.
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Language: Russian
- *(212) **An economic evaluation of metabolic and cellular profile testing in calves to be raised in a feedlot.**
Carpenter, T. E.; Norman, B. B.
Dep. Epidemiol. Prev. Med., Sch. Vet. Med., Univ., Davis, California 95616, USA.
Journal of the American Veterinary Medical Association 1983. 183 (1): 72-75 (7 ref.)
Language: English
- (213) **Economic evaluation of the effect of erythromycin in calves with respiratory syndrome (viral and bacterial origin). Ekonomické zhodnotenie účinku erytromycínu v chove teliat s výskytom respiračného syndromu.**
A1 : Simko, S. (Krajské Veterinárne Zariadenie, Banská Bystrica (Czechoslovakia)); Pauliny, V.
LA : Sk
LR : Zborník Statnej Veterinárnej Spravy MPVz SSR (Czechoslovakia). (1984). (no.16) p. 35-43.
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LI : E (Summary).
CC : L73 (Animal diseases) E15. 5212 4150 4110 3910.
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Saifulllov, I. S.; Kovalev, I. P.
VIGIS, Moscow, USSR.
Veterinariya, Moscow, USSR 1985. (No.2): 52-55
Language: Russian

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 Bohlender, R.; Lowry, S.
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 Language: English
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 Weitere Untersuchungen zu Vorkommen, Epizootiologie und Bekämpfung der Eimeria-Kokzidiose des Rindes unter den Bedingungen der intensiven Stallhaltung.
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Language: French
- (221) **Losses due to parasites among roe deer in Czechoslovakia in 1972-1981.**
Parazitarni priciny ztrat srnci zvere v letech 1972-1981.
Sterba, F.; Zamek, L.
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Language: Czech
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PO Box 34325, Omaha, Nebraska 68134, USA.
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Language: English
- (224) **Planning veterinary measures for the prevention and treatment of calf dyspepsia (diarrhoea) and their cost effectiveness.**
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Language: Russian
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CSIRO Div. Trop. Anim. Sci., Box 5545, Rockhampton Mail Centre, Qld 4702, Australia.
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Nat. Dairy Res. Inst., Karnal 132 001, India.
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Language: English

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Fasciolosis aguda en regadíos del tramo medio del Tormes.
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Language: Spanish Summary Language: English
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sheep.**
Otesile, E. B.; Oduye, O. O.
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urray, M. D.
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- (235) **Aspects of the biology of the parasites and pathogenesis,
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Kereev, Ya. M.
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 AU : Sinclair, A.N. (New South Wales Univ., Sydney (Australia)).
 LA : En
 CR : Wool Technology and Sheep Breeding (Australia). (Jun 1977). v. 25(2) p. 33-38.
 NC : Illus. 8 ref
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 CC : L72 (Pests of animals) L73. 5240.
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 Language: English
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 AU : Bukshtynov, V.I. (Vsesoyuznyj Nauchno-Issledovatel'skiy Inst. Veterinarnoj Sanitarii, Moscow (USSR)).
 LA : Ru
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 CC : L72 (Pests of animals). 5240 4020 3888 G867.
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 LA : Sh
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 NO : Summary (En).
 CF : (Yugoslav Symposium on Parasitic Zoonoses. Nis (Yugoslavia). 4 Nov 1976.)
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 LA : De
 JR : Praktische Tierarzt (Germany, F.R.). ISSN 0032-681X. (May 1981). v. 62(5) p. 422-427.
 NC : 3 tables; 23 ref. Summary (De).
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 CC : L72 (Pests of animals). 5240 4140.
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 Language: English
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 CSIRO McMaster Lab., Private Bag No 1, Glebe, N.S.W., Australia.
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 Language: English
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 Language: Russian
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 Carpenter, T. E.; Berry, S. L.; Glenn, J. S.
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 Murdoch Univ., Perth 6150, Australia.
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- (273) **Possible poisoning of sheep on pasture [birch sawfly larvae, *Arge pullata*].**
Mulig forgiftning af far pa graes.
 Thamsborg, S. M.; Jorgensen, R. J.; Brummerstedt, E.;
 Jensen, A. M.
 Vet. Lab., 7500 Holstebro, Denmark.
 Dansk Veterinaertidsskrift 1985. 68 (16): 807-808 (2
 ref.)
 Language: Danish
- (274) **Proceedings of a seminar on losses of sheep after shearing due to adverse weather, held at Darkan, Western Australia, July 1982.**
 Baker, S. K.; Chapman, H. M.; Williams, I. H. (Editors)
 ; Johnson, K. G.; Geytenbeek, P. E.; Buckman, P. G.;
 Marshall, J. K.
 South Perth, Western Australia 6151, Australia; Australian
 Society of Animal Production, c/o Department of Agriculture,
 Jarrah Road
 1982. 27pp. (21 ref.)
 Language: English
- (275) **Production loss due to *H. contortus* infection in Merino weaners - some preliminary results.**
 Albers, G. A. A.; Le Jambre, L. F.; Barker, J. S. F.;
 Piper, L. R.
 Dep. of Anim. Sci., Univ. of New England, Armidale, NSW
 2351, Australia.
 Proceedings of the Australian Society of Animal Production
 (Animal Production in Australia) 1984. 15 647 (1 ref.)
 Language: English
- (276) **Review of the economic importance of fascioliasis in sheep and cattle.**
 Cawdery, M. J. H.
 An Foras Taluntais, Ballinamore, Co. Leitrim, Irish
 Republic.
 Irish Veterinary News 1984. (September): 14-22 (84 ref.)
 Language: English
- (277) **Sheep lice: prospects for eradication.**
 Wilkinson, F. C.
 Div. Animal Health, Dep. Agric., South Perth, WA 6151,
 Australia.
 Journal of Agriculture 1987. (No. 2): 68-71
 Language: English

- (278) **TI : Squamous cell carcinoma in sheep (economic loss, Western Australia).**
AU : Wilkinson, F.C. (Western Australian Dept. of Agriculture, Perth. Div. of Animal Health).
LA : En
MS : Refresher course on sheep. Sydney Univ. (Australia). Post-Graduate Committee in Veterinary Science.
IM : Sydney, N.S.W. (Australia). Sydney University. 1981. p. 23.
SE : Proceedings - Refresher Course for Veterinarians. Sydney University (Australia). no. 58.
CF : (Refresher course on sheep. Sydney, N.S.W. (Australia). 10 Aug 1981.)
CN : Country: AU. B (Monograph).
LI : K (Conference).
CC : L73 (Animal diseases) E10. 5240 G930.
- (279) **Survey of lamb mortality on intensive farms in western France. V. Husbandry factors other than nutrition.**
Enquete sur la mortalite des agneaux dans les elevages intensifs de l'ouest. 5. Les facteurs d'elevage autres qu'alimentaires.
Blain, J. J.; Seegers, H.; Malher, X.
Ecole Nat. Vet., BP 527, F-44026 Nantes, France.
Recueil de Medecine Veterinaire 1984. 160 (12): 1149-1155 (6 ref.)
Language: French Summary Language: English; Spanish
- (280) **Taenia hydatigena: a cause of persistent liver condemnations in lambs.**
Trees, A. J.; Owen, R. R.; Craig, P. S.; Purvis, G. M.
Trop. Med., Univ., Pembroke Place, Liverpool L3 5QA, UK.
Veterinary Record 1985. 116 (19): 512-516 (25 ref.)
Language: English
- (281) **Three year study of perinatal lamb losses.**
Kirk, J. H.; Anderson, B. C.; Ostrowski, S.
Vet. Teaching Center, Univ., Caldwell, ID 83605, USA.
Agri-Practice 1985. 6 (7): 24-28 (6 ref.)
Language: English
- (282) **Trial of long-acting oxytetracycline treatment of respiratory disorders of sheep and goats in Sine-Saloum (Senegal).**
Essai de traitement des affections respiratoires des petits ruminants du Sine-Saloum (Senegal) a l'aide d'une oxytetracycline a longue action.
Faugere, O.; Leforban, Y.; Nercy, C.; Ndiaye, M.
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Revue d'Elevage et de Medecine Veterinaire des Pays Tropicaux 1987. 40 (1): 21-32 (12 ref., 1 pl.)
Language: French Summary Language: English; Spanish

5. Caprinos/Goats

- (283) **Effects of hypodermatosis on the body weight of young goats.**
Liakos, B. D.
Vet. Inst., Min. Agric., Thessaloniki, Greece.
Bulletin of the Hellenic Veterinary Medical Society 1986.
37 (1): 8-12 (1 ref.)
Language: Greek Summary Language: English
- (284) **Epidemiological survey of diarrhoea of newborn kids in the Touraine region of France.**
Enquete epidemiologique sur les diarrhees neonatales des chevreaux dans les elevages de Touraine.
Les maladies de la chevre, colloque international, Niort (France), 9-11 octobre 1984.
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INRA, Station de Pathologie Aviaire, Mouzilly, F-37380 Monnaie, France.
Paris, France; Institut National de la Recherche Agronomique
1984. 437-442 (2 ref.; Colloques de l'INRA No. 28)
Language: French Summary Language: English

6. Porcinos/Swine

- (285) **Advantages of systematic parasite control on some pig farms in Vojvodina.**
Prednosti sistematskog suzbijanja parazita na nekim farmama svinja u Vojvodini [7. Savjetovanje, Pliva i stocarska proizvodnja, Supetar, 29-30 svibnja 1985.].
Zigic, B.; Pujin, D.; Varga, F.; Gerhart, P.
RO AGROINSTITUT, Sombor, Yugoslavia.
Praxis Veterinaria 1985. 33 (1/2): 103-106
Language: Serbo-Croatian
- (286) **Ascariasis, metastrongylosis and sarcoptosis in pigs in Croatia. (Epizootiology, pathogenesis and prophylaxis).**
Askaridoza, metastrongiloza i sarkoptoza svinja u SR Hrvatskoj. (Epizootiologija, patogeneza, profilaksa). [7. Savjetovanje, Pliva i stocarska proizvodnja, Supetar, 29-30 svibnja 1985.].
Zukovic, M.
Vet. Fak., Zagreb, Yugoslavia.
Praxis Veterinaria 1985. 33 (1/2): 63-66 (6 ref.)
Language: Serbo-Croatian Summary Language: English; Russian
- (287) **Assessment of the cost of Aujeszky's disease.**
Evaluation du cout de la maladie d'Aujeszky.
Godet, G.; Vannier, P.
Inst. Technique du Porc, BP 3, F-35650 Le Rheu, France.
Bulletin d'Information des Laboratoires des Services Veterinaires 1983. (No.14): 19-25
Language: French

- (288) **Cost/benefits of pseudorabies eradication in Wisconsin.**
 Ambrosius, J.
 Proceedings of the United States Animal Health Association
 1985. 89 318-323
 Language: English
- (289) **Diseases of pigs detected during the post mortem inspection
 in the abattoirs of Nigeria and its public health
 importance-five years-(1975-1980). [Abstract].**
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 Mathew, T.; Adelola, C. O.; Mathew, Z.
 Vet. Publ. Hlth Lab., Federal Livestock Dep., PMB 2012,
 Kaduna, Nigeria.
 Perth, Australia
 1983. 65
 Language: English
- (290) TI : Early treatment reduces economic losses from rearing diseases (swine). Zur Senkung
 der durch Aufzuehterkrankungen verursachten wirtschaftlichen Verluste mittels
 fruehzeitiger Behandlung.
 AU : Lutter, K.; Schuulze, B. (Forschungszentrum fuer Tierproduktion,
 Dummerstorf-Rostock (German D.R.)).
 LA : De
 JR : Tierzucht (German D.R.). ISSN 0373-1677. (1984). v. 38(12) p. 553- 554.
 NO : 1 ill., 3 tables; Summary (De).
 CN : Country: DD. J (Serial article).
 SI : E (Summary).
 CC : L73 (Animal diseases) 5300 4100.
- (291) **Economic costs due to loss of breeding value in pigs with
 subclinical ascariasis.**
 Safiullin, R. T.
 Byulleten' Vsesoyuznogo Instituta Gel'mintologii im. K.I.
 Skryabina 1984. (No.38): 60-61
 Language: Russian
- (292) TI : **Economic issues in the eradication of African swine fever in the Dominican
 Republic.**
 AU : McCauley, E.H.
 LA : En
 MS : Third International Symposium on Veterinary Epidemiology and Economics: Arlington,
 Va. USA, 6-10 Sept 1982. Association of Teachers of Veterinary Public Health and
 Preventive Medicine (USA). *US (DNAL SF780.9.I5 1982).
 IM : Edwardsville, Kan. (USA). Veterinary Medicine Pub. Co. 1983. p. 646-648. ISBN
 09-350-79258.
 CN : Country: US. B (Monograph).
 CC : L73 (Animal diseases) E10: 5300 4150 G320.
 FT : swine fever virus; economic evaluation; cost benefit analysis; disease control;
 dominican republic.
- *(293) **Economic loss due to Cysticercus cellulosae in pigs
 slaughtered in 1982 at Netzahualcoyotl, Mexico State.
 [Abstract of thesis, 1984]. Evaluacion de perdidas
 economicas por Cysticercus cellulosae en cerdos sacrificados
 en el rastro municipal de ciudad Netzahualcoyotl, Estado de
 Mexico, durante el ano de 1982.**
 Rosales O., G. E. (Rosales Olivares, G. E.)
 Veterinaria, Mexico 1985. 16 (1):
 Language: Spanish

- (294) TI : **Economic loss due to experimental larval ascariasis. Straty ekonomiczne powstale w przebiegu doswiadczalnej glistnicy larwalnej u swin.**
 AU : Paciejewski, S. (Akademia Rolnicza, Lublin (Poland). Instytut Chorob Zakaznych i Inwazyjnych).
 LA : Pl
 JR : Medycyna Weterynaryjna (Poland). ISSN 0025-8628. (1980). v. 36(8) p. 463-466.
 NO : 32 ref. Summaries (En. Ru).
 CN : Country: PL. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases) L70 E15. 5300 4060.
- (295) TI : **(Economic losses by parasitic zoonoses affecting swine in Chile). Perdidas economicas por zoonosis parasitarias que afectan al porcino en Chile.**
 AU : Gonzalez F. H.; Plaza S. J. (Universidad de Chile, Santiago).
 LA : Es
 JR : Boletin Chileno de Parasitologia (Chile). (Jan 1976). v. 31(1-2) p. 29-32.
 NO : 5 illus., 9 ref.
 CN : Country: XLCL. J (Serial article).
 CC : L72 (Pests of animals) 5300 G516.
- (296) TI : **(Economic losses caused by sarcoptosis in swines). Ekhonomicheskij ushcherb pri sarkoptoze svinej**
 AU : Shapulatov, Zh.Zh.
 LA : Ru
 JR : Nauchno-tehnicheskij byulleten' Vsesoyuznogo nauchno- issledovatel'skogo instituta veterinarnoj ehntomologii i arakhnologii (USSR). (1985). (no.29) p. 79-83.
 NO : 5 ref.
 CN : Country: SU. J (Serial article).
 CC : L72 (Pests of animals).
 CITES: (iad) lechon; destete; enfermedades (piel); acaros sarcopticos; perdidas; uzbek rrs. (cad) acarina; acaros nocivos; agentes nocivos; alimentacion; animales; animales de carne; animales de peleteria (cuero); animales domesticos; animales jovenes; animales nocivos; arachnida, artiodactyla; artropodos; asia; cerdo, enfermedades; enfermedades organicas; ganado; invertebrados; mamiferos; nutricion; plagas; rentabilidad; sarcoptiformes; urss; urss-en-asia; vertebrados.
- (297) **Economic losses due to echinococccosis and their control. Az echinococccosis kartetele es gazdasagi kihatasa, a karfelszamolas lehetosege.**
 Czovek, L.
 Keleti u. 1, 4400 Nyiregyhaza, Hungary.
 Magyar Allatorvosok Lapja 1985. 40 (4): 195-199
 Language: Hungarian Summary Language: German; English; Russian
- (298) TI : **(Economic losses due to haemorrhagic swine dysentery). Perdite economiche provocate dalla dissenteria emorragica dei suini.**
 LA : It
 JR : Selezione Veterinaria (Italy). ISSN 0037-1521. (Sep 1982). v. 23(9) p. 1022-1023.
 CN : Country: XEIT. J (Serial article).
 CC : L72 (Pests of animals). 5300 4060.

- (299) TI : **Economic losses from foot and mouth disease: a case study on a pig farm in Colombia.**
 AU : Rubinstein, E.M.De (Centro Internacional de Agricultura Tropical, Cali (Colombia)); Beltran, L.E.
 LA : En
 JR : Tropical Animal Health and Production (UK). (1975). v. 7(3) p. 149- 151.
 NO : Summaries (Es, Fr).
 CN : Country: XEGB. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases). 5000 G518.
- (300) TI : **Economic losses from foot-and-mouth disease in pigs (Colombia).**
 AU : Rubinstein, E.M. de.
 LA : En
 MS : 4th international congress (International Pig Veterinary Society, proceedings). International Pig Veterinary Society; American Association of Swine Practitioners. *NAL (SF605.I55 1976).
 IM : Ames, Iowa (USA). I.P.V.S. 1976. v. 4th p. F.2.
 CF : (4. International Pig Veterinary Society Congress. Ames, Iowa (USA). 22-24 Jun 1976.)
 CN : Country: US. B (Monograph).
 LI : K (Conference).
 CC : L73 (Animal diseases). 5300 G518.
- (301) TI : **Economic losses in pig breeding due to atrophic rhinitis (rhinitis atrophicans suum. R. a.). Straty ekonomiczne w hodowli swin spowodowane wystepowaniem zanikowego zapalenia nose u swin - Rhinitis strophicans suum. (R. a.).**
 AU : Tratwal, Z. (Zaklad Higieny Weterynaryjnej, Poznan (Poland)).
 LA : Pl
 JR : Medycyna Weterynaryjna (Poland). ISSN 0025-8628. (1981). v. 37(5) p. 290-292.
 NC : Summaries (En, Ru).
 CN : Country: PL. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases) E15. 5300 4150.
- (302) **Effect of climate on losses among swine during transport. A legkorfizikai tenyezok hatasa a sertesszallitasi vesztesegekre.**
 Zimmermann, I.
 Agrartudomanyi Egyetem, Boszormenyi ut 138, 4032 Debrecen, Hungary.
 Magyar Allatorvosok Lapja 1985. 40 (8): 481-489 (36 ref.)
 Language: Hungarian Summary Language: German; English; Russian
- *(303) **Eliminating swine dysentery from selected herds.**
 Glock, R. D.
 Vet. Lab., PO Box 1296, Casa Grande, Arizona 85222, USA.
 Modern Veterinary Practice 1984. 65 (8): 611-614
 Language: English
- (304) TI : (Eradication of swine dysentery with economic profit: combined drug therapy and emptying pigsties: Chemical testing of Tiamutin and a production economic evaluation (Tiamulin hydrogen fumarat)). Sanering af svinedysenteri med oekonomisk gevinst: kombineret medicinsk behandling og toemning af staldene, klinisk afproevning af Tiamutin og en produktionsoekonomisk vurdering.
 AU : Christensen, F.; Lind, O.; Schou, J.; Soerensen, L.; Szancer, J.
 LA : Da

- JR : *Hyologisk Tidsskrift. Svinet* (Denmark). ISSN 0106-1933. (Feb 1988). v. 10(2) p. 10-13.
- CN : Country: DK. J (Serial article).
- CC : L73 (Animal diseases).
- CTES: (iad) cerdo; disenteria porcina; terapeutica medicamentosa; dinamarca/ antibioticos; control de enfermedades; analisis economico. (cad) agentes nocivos; analisis; animales; animales de carne; animales de peleteria (cuero); animales domesticos; antimicrobiano; artiodactyla; control; control de enfermedades; enfermedades; enfermedades (sistema digestivo); enfermedades intestinales; enfermedades organicas; escandinavia; europa; ganado; mamiferos; medicamentos; metodos; terapia; vertebrados.
- (305) TI : (Exotic diseases and economic losses which can be avoided (swine)). Enfermedades exoticas y perdidas economicas que se pueden evitar.
- AU : Laurentin, H. (Protinal. C. A., Valencia (Venezuela). Dept. de Asistencia Tecnica. Seccion Cerdos).
- LA : Es
- JR : *Revista Protinal (Venezuela)* (Jan 1974). v. 20(3) p. 112-113.
- NO : Illus.
- CN : Country: XL. J (Serial article).
- CC : L73 (Animal diseases). 5300.
- (306) **The field diagnosis and cost-effective treatment of swine coccidiosis.**
Cunningham, J. M.
Valley Vet. Clinic, P.C., 1010 Main St, Elgin, Iowa 52141, USA.
Agri-Practice 1984. 5 (6): 24-25, 29-30
Language: English
- (307) **Frequency of some diseases and disorders of slaughter swine and their effect on growth and carcass quality.**
Frequentie van enkele aandoeningen bij slachtvarkens en de effecten op groei en slachtkwaliteit.
Dijk, W. P. J. van; Klaver, J.; Versteegen, M. W. A. (Van Dijk, W. P. J.)
Landbouwhogeschool, Postbus 338, 6700 AH Wageningen, Netherlands.
Tijdschrift voor Diergeneeskunde 1984. 109 (13): 539-548 (16 ref.)
Language: Dutch Summary Language: English
- *(308) **Growth performance and behavioral patterns of pigs infested with sarcoptic mites (Acari: Sarcoptidae).**
Wooten-Saadi, E.; Broce, A. B.; Stevenson, J. S.; Nelson, J. L. (Saadi, E. Wooten-)
Dep. Entomology, Kansas State Univ., Manhattan, KS 66506, USA.
Journal of Economic Entomology 1987. 80 (3): 625-628 (15 ref.)
Language: English
- (309) **Interactions of management and animal performance in a swine feedlot.**
Straw, B. E.; Henry, S. C.; Fleming, S. A.
Coll. Vet. Med., Cornell Univ., PO Box 786, Ithaca, NY 14853, USA.
Journal of the American Veterinary Medical Association 1985. 186 (9): 986-989 (5 ref.)
Language: English Summary Language: 5 ref.

- (310) **Losses caused by echinococcosis and its economic consequences, possibilities for control.**
Az echinococcosis kártetele es gazdasági kihatása, a kárfelszámolás lehetősége.
 Czovek, L.
 Keleti u.1. 4400 Nyiregyhaza, Hungary.
 Magyar Allatorvosok Lapja 1985. 40 (4): 195-199
 Language: Hungarian Summary Language: Russian; English; German
- (311) **The Pig Veterinary Society Proceedings, volume 17.**
 White, E. G. (Editor)
 Malmesbury SN16 ONL, UK; c/o T.W. Heard, Grove House, Corston
 1987. 133pp.
 Language: English
- (312) **Preliminary analysis of the pilot pseudorabies eradication project in Marshall County, Iowa.**
 Hallam, A.
 Proceedings of the United States Animal Health Association 1985. 89 324-330 (1 ref.)
 Language: English
- (313) **Preliminary investigations and analysis of cases of mortality in newborn piglets.**
 Wang, Q. L.
 Beijing Agric. Univ., Beijing, China.
 Chinese Journal of Animal Science (Zhongguo Xumu Zazhi) 1983. (No.5): 27-28
 Language: Chinese
- (314) **Sow mortality-limited survey [UK].**
Proceedings of the 8th International Pig Veterinary Society Congress.
 Smith, W.
 Vet. Invest. Lab., Mill of Craibstone, Bucksburn, Aberdeen, UK.
 Ghent, Belgium
 1984. 368 (2 ref.)
 Language: English
- (315) **Stable flies (Diptera: Muscidae) and productivity of confined nursery pigs.**
 Moon, R. D.; Jacobson, L. D.; Cornelius, S. G.
 Univ. Minnesota, St. Paul, MN 55108, USA.
 Journal of Economic Entomology 1987. 80 (5): 1025-1027 (10 ref.)
 Language: English
- (316) TI : Studies on porcine parvovirus (PPV) (among swine in the Philippines).
 AU : Timbol, C.R. (Bureau of Animal Industry, Diliman, Quezon City (Philippines)).
 LA : En
 JR : Philippine Journal of Animal Industry (Philippines). (1979). v. 34(1-4) p. 33-42.
 Issued Sep 1982.
 NO : 18 ref. Summary (En).

CN : Country: XBPH. J (Serial article).
LI : E (Summary).
CC : L73 (Animal diseases). 5300 4150 G732.
AB : The results of hemagglutination inhibition test (HI) for parvovirus (PPV) antibodies indicated a high incidence of PPV infection among swine in the Philippines. PPV is associated with naturally occurring reproductive diseases which is now causing a great economic loss in the swine industry. The virus is spread between farms mainly through transfer of young gilts and boars at the time of infection. Accordingly, care must be taken in the introduction of new stock especially imported breeders into the herd. Further studies should be done because PPV had been isolated from pneumonia and rhinitis cases in other countries. (EN)

- (317) :: : (Swine dysentery - disease eradication: Part 3: Combined treatment of breeders and weaners and emptying of growers' and fatteners' units - Clinical trial of Tiamin 2% premix - Economic evaluation *Treponema hyodysenteriae*). Svinedysenteri: 3: Sanering - Medicinsk behandling med Tiamutin 2% premix kombineret med toemning af staldene - produktionsoekonomisk vurdering.
AU : Christensen, F.; Lind, O.; Schou, J.; Soerensen, L.; Szancer, J.
LA : Da
JR : Dansk Veterinaertidsskrift (Denmark). ISSN 0106-6854. (Sep 1987). v. 70(17) p. 890-897.
NO : 4 ill., 8 ref. Summary (Da).
CN : Country. DK. J (Serial article).
LI : E (Summary).
CC : L73 (Animal diseases).
CTES: (iad) cerdo, control de bacterias; treponema; dinamarca/ diarrea; economia; bacteriosis, terapia (cad) agentes nocivos; animales; animales de carne; animales de peleteria (cuero); animales domesticos; artiodactyla; bacteria; control; control de enfermedades; enfermedades; escandinavia; europa; ganado; mamiferos; spirochaetales; trastornos; trastornos digestivos; trastornos funcionales; vertebrados.

7. Equinos/Horses

- (318) **Cost-benefit analysis of immunization as a means of controlling coughing viral origin in horses.**
Nutzen-Kosten-Analyse der Schutzimpfung zur Bekämpfung des viralen Pferdehustens.
Muller, A.
Inaugural-Dissertation, Tierärztliche Fakultät der Ludwig-Maximilians-Universität München
1984. 85pp. (70 ref.)
Language: German Summary Language: English
- (319) **Cost-benefit analysis of the immunization of horses against tetanus.**
Nutzen-Kosten-Analyse der Schutzimpfung zur Bekämpfung von Tetanus beim Pferd.
Ungern-Sternberg, B. F. von (Von Ungern-Sternberg, B. F.)
Inaugural-Dissertation, Tierärztliche Fakultät, Ludwig-Maximilians-Universität, München, German Federal Republic
1986. 88pp. (85 ref.)
Language: German Summary Language: English

- (320) **Hydatid cysts and other helminths in domestic animals slaughtered in Madrid between 1981 and 1984 with estimates of economic loss.**
Aportaciones sobre los indices de parasitacion por hidatidosis. Valoracion economica de los decomisos y estudio comparativo con otras helmintiasis en animales sacrificados en mataderos de la comunidad de Madris anos 1981-1984.
XIII Congreso Internacional de Hidatidologia, Madrid, Spain, 24-27 April 1985. Ponencias.
 Palacios, A. S.
 Consejeria de Agric. y Ganaderia, Comunidad de Madrid, Spain.
 Madrid, Spain; Comunidad de Madrid, Consejeria de Agricultura y Ganaderia
 1985. 69-72
 Language: Spanish

8. Aves de corral/Poultry

- (321) **Aspects of salmonellosis control in agriculture, with reference to cost-benefit analysis.**
Aspekte der Salmonellosebekämpfung im Bereich der Landwirtschaft unter besonderer Berücksichtigung der Nutzen-Kosten-Analyse.
 Borger, K.
 Bundesministerium Ernährung, Postfach 140 270, D-5300 Bonn 1, German Federal Republic.
 Zentralblatt für Veterinarmedizin, B 1985. 32 (7): 505-525 (36 ref.)
 Language: German Summary Language: English; Spanish; French
- (322) **Coccidiosis in broiler fowl in Algeria. Observations in practice and selection of a control programme.**
La coccidiose du poulet de chair en Algerie. Observations pratiques et choix d'un programme de prevention.
 Bensemmane, A.
 BP 198, Bologhine, Algeria.
 Maghreb Veterinaire 1984. 1 (4): 37-43 (5 ref.)
 Language: French Summary Language: Arabic; English
- (323) **T :** Contribution to the knowledge of economic losses in vaccinated flocks of broiler parent pairs under the conditions of the occurrence of Newcastle disease. Prilog poznavanju ekonomskih steta u cepljenim jatima brojlerskih roditeljskih parova u uslovima pojave kokosije kuge.
AJ : Olah, M.; Kosovac, A.; Veiher, M.
CO : Veterinarski Institut, Novi Sad (Yugoslavia).
LA : Sh
IR : Veterinarski Glasnik (Yugoslavia). ISSN 0350-2457. (Nov 1976). v. 30(11) p. 919-923.
NO : Summaries (En, Ru, Sh).
CN : Country: YU. J (Serial article).
LT : E (Summary).
CC : L73 (Animal diseases). 6100.
- (324) **Cost-benefit analysis of immunizing commercial poultry against Newcastle disease.**
Nutzen-Kosten-Analyse der Schutzimpfung gegen die Newcastle Disease beim Nutzgeflügel.
 Weinberg, E.
 Inaugural Dissertation, Tierärztliche Fakultät der Ludwig-Maximilians-Universität München
 1984. 67pp. (41 ref.)
 Language: German Summary Language: English

- (325) **Cost benefit analysis of the immunization of fowls against Marek's disease.**
Nutzen-Kosten-Analyse der Schutzimpfung gegen die Mareksche Krankheit der Hühner.
 Heinze, E.-M.
 Inaugural Dissertation, Tierärztliche Fakultät der Ludwig-Maximilians-Universität München
 1984. 103pp. (many ref.)
 Language: German Summary Language: English
- (326) **Cost benefit analysis of the immunization of fowls against Marek's disease.**
Ökonomische Bewertung der Schutzimpfung gegen die Mareksche Krankheit der Hühner mittels Nutzen-Kosten-Analyse.
 Ring, C.; Heinze, E.-M.; Mayr, A.
 Inst. Med. Mikrobiol., Univ., Veterinarstr. 13, D-8000 München 22, German Federal Republic.
 Zentralblatt für Veterinärmedizin, B 1985. 32 (2): 143-148 (6 ref.)
 Language: German Summary Language: English; Spanish; French
- (327) **Economic efficacy of anticoccidial measures on poultry farms.**
Ozдорovitel'nye meropriyatiya v promyshlennykh zhivotnovodcheskikh kompleksakh pri infektsionnykh zabollevaniyakh. (Sbornik Nauchnykh Trudov Kazanskogo Veterinarnogo Instituta.)
 Nikitin, I. N.; Anchikov, V. V.
 Kazan', USSR
 1983. 113-117
 Language: Russian
- (328) TI : **Economic evaluation of some diagnostic methods of typhus-pullorum disease.**
 Ikonomicheska pretsenka na nyakoi diagnostichni metodi na tif-pulorozata.
 AU : Dimitrov, Kh. (Ministerstvo na Zemedeliето i Khranitelnata Promishlenost, Sofia (Bulgaria)); Tanev, I. (Rajonna Veterinarna Lechebnitsa, Chirpan (Bulgaria)); Yanakiev, I. (D'rzhavno Zemedelsko Stopanstvo, Chirpan, (Bulgaria)).
 CC : Ministerstvo na Zemedeliето i Khranitelnata Promishlenost, Sofia (Bulgaria).
 LA : Bg
 JR : Veterinarna Sbirka (Bulgaria). Veterinary Collection. (1976). v. 74(5) p. 15-17.
 CN : Country: BG. J (Serial article).
 CC : L73 (Animal diseases). 6000.
- (329) TI : **Economic evaluation of vaccination against Marek's disease in poultry by cost-analysis.** Oekonomische Bewertung der Schutzimpfung gegen die Markesche Krankheit der Hühner mittels Nutzen-Kosten-Analyse.
 AU : Ring, Ch. (Muenchen Universitaet (Germany, F.R.), Institut fuer Medizinische Mikrobiologie, Infektions- und Seuchenmedizin); Heinze, E.-M.; Mayr, A.
 LA : De
 JR : Zentralblatt fuer Veterinaermedizin, Reihe B (Germany, F.R.). ISSN 0721-1856. (1985). v 32(2) p. 143-148.
 NO : 6 tables; 6 ref. Summaries (De, En, Es, Fr).
 CN : Country: DE. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases) E20. 6100 4150 3888.
 CTES: (iad) pollo. enfermedad de marek: inmunizacion; vacuna; analisis de costos y beneficios. (cad) agentes nocivos; analisis; analisis economico; animales; animales domesticos; aves de corral; aves domesticas; control; control de enfermedades; enfermedades; galliformes; metodos; pajaros; vertebrados; virosis.

- (330) **Economic impact of Mycoplasma gallisepticum and M. synoviae in commercial layer flocks.**
 Mohammed, H. O.; Carpenter, T. E.; Yamamoto, R.
 Dep. Epidemiol. Prev. Med., Sch. Vet. Med., Univ., Davis,
 CA 95616, USA.
 Avian Diseases 1987. 31 (3): 477-482 (21 ref.)
 Language: English Summary Language: Spanish
- (331) TI : (Economic loss caused by coccidiosis (Eimeria tenella) in broilers and layers).
 Kerugian-kerugian ekonomis sebagai akibat koksidiosis sekum (Eimeria Tenella) pada ayam pedaging dan petelur.
 AU : Ashadi, G. Tampubolon, M.P.
 LA : In
 MS : (Seminar of Experimental Results of Researches in the Development of Rural Energy at the Bogor Agricultural Institute). Seminar hasil-hasil penelitian Institut Pertanian Bogor dan pengembangan energi pedesaan daerah lingkaran kampus - IPB. Institut Pertanian Bogor (Indonesia). Lembaga Penelitian. Received Oct 1983. *IPB Library, Bogor (Indonesia).
 IM : Bogor (Indonesia). 1981. p. 39-40.
 NO : Summary only.
 CF : (Seminar Hasil-hasil Penelitian dan Pengembangan Energi Pedesaan Daerah Lingkaran Kampus-IPB (Institut Pertanian Bogor). Bogor (Indonesia). 24-26 Sep 1918.)
 CN : Country XBID. B (Monograph).
 LI : K (Conference) E (Summary) V (Non conventional).
 CC : L72 (Pests of animals) E15. 6100 4060.
- (332) TI : (Economic loss caused by Eimeria tenella disease in broilers). Kerugian-kerugian ekonomis sebagai akibat koksidiosis sekum (Eimeria tenella) pada ayam pedaging.
 AU : Ashadi, G. Tampubolon, M.P.
 LA : In
 MS : (Proceedings of the Seminar on Animal Husbandry Research). Proceedings Seminar Penelitian Peternakan. Pusat Penelitian dan Pengembangan Peternakan, Bogor (Indonesia). Received Dec 1983. *ID.
 IM : Bogor (Indonesia). 1981. p. 380-387.
 NO : 17 ref. Summary (In).
 CF : (Seminar Penelitian Peternakan. Bogor (Indonesia). 23-26 Mar 1981.)
 CN : Country. XBID B (Monograph).
 LI : K (Conference) E (Summary) V (Non conventional).
 CC : L72 (Pests of animals). 6100 4140.
- (333) **Economic losses attributable to acute fowl typhoid.**
 Minev, M.; Masalska, I.; Stoev, B.
 Veterinarna Stantsiya, Shumen, Bulgaria.
 Veterinarna Sbirka 1983. 81 (10): 30-33
 Language: Bulgarian
- (334) **The effect of chicken yellow body louse (M. stramineus) on some economic characters of different breeds and strains of chicken.**
 Al-Ani, I. A.; Al-Soudi, K. A.; Al-Obaidi, A. S. R. (A
 ni, I. A. Al-; Soudi, K. A. Al-; Obaidi, A. S. R. Al-)
 Dep. Animal Production, Agric. & Water Resources Res.
 Cent., Sci. Res. Council, Baghdad, PO Box 2416, Iraq.
 Journal of Agriculture and Water Resources Research, Animal
 Production 1987. 6 (2): 1-11 (Ar) (16 ref., 2 fig.)
 Language: Arabic Summary Language: English

- (335) **Effect of Raillientina cesticillus infection on the meat and egg production of fowl.**
 Bhowmik, M. K.; Sasmal, N. K.; Chakraborty, A. K.
 Dep. of Vet. Path., Bidhan Chandra Krishi Viswavidyalaya,
 Mohanpur 741246, West Bengal, India.
 Indian Veterinary Medical Journal 1982. 6 (2): 100-102 (7 ref.)
 Language: English
- (336) **Effectiveness of control measures against coccidiosis [in poultry].**
 Nikitin, I. N.; Anchikov, V. V.
 Veterinarnyi Institut, Kazan, USSR.
 Veterinariya, Moscow, USSR 1984. (No.9): 42-44
 Language: Russian
- (337) **An epidemiological investigation into coccidiosis in broiler chickens.**
 Research in avian coccidiosis. Proceedings of the Georgia Coccidiosis Conference, 18-20 November 1985 [edited by McDougald, L.R.; Joyner, L.P.; Long, P.L.].
 Hamet, N.; Josse, J.; Robin, B.; Toucas, L.
 Ministere de l'Agric., Dep. des Cotes-du-Nord, Inst. d'Elevage de Pathol. et d'Hygiene Alimentaire, 22440 Ploufragan, France.
 Athens, Georgia 30602, USA; University of Georgia College of Agriculture
 1986. 394-402 (2 ref.)
 Language: English
- (338) **Epidemiology of Eimeria in broiler flocks and the effect of anticoccidial drugs on the economic performance.**
 Braunius, W. W.
 Kromwijkerkade 51, 3442 EJ Woerden, Netherlands.
 Avian Pathology 1983. 12 (1): 23-33 (10 ref.)
 Language: English Summary Language: German; French
- (339) TI : Epizootiological study on the coccidiosis of broiler chicken in Korea (R).
 AU : Choi, S.H.; Kim, K.S.; Kim, Y.H. (Office of Rural Development, Anyang (Korea R.) Veterinary Research Inst.).
 LA : Ko
 JR : Research Reports of the Office of Rural Development (Korea R.). (Dec 1984). v. 26-2(L.V.) p. 44-52.
 NO : 7 tables; 23 ref Summaries (En, Ko).
 CN : Country: XBKR. J (Serial article).
 LI : N (Numerical data) E (Summary).
 CC : L72 (Pests of animals). 6100 4140 G704.
 AB : Coccidiosis of chicken cause significant economic losses especially in broiler and pullet growers. Losses due to mortality and growth retardation following a severe outbreak may be devastating in field. The aims of this study were designed to follow the incidence of coccidiosis in domestic broiler chicken raised in 8 provinces. An attempt was also made to differentiate and characterize the field isolates of coccidia judging from their morphological and biological features. When a total of 5,390 broiler from 321 flocks were examined for coccidiosis, positive diagnosis was made on 1,552 individuals (28.8%) and on 241 flocks (75.1%), respectively. (EN)

- (340) TI : Field experience of osteoporosis in broilers. Praktijkervaringen met osteoporose bij slachtkuikens.
 AU : Bergs, G.H.H. (Gezondheidsdienst voor Dieren in Noord-Brabant, Boxtel (Netherlands)).
 LA : NI
 CR : Tijdschrift voor Diergeneeskunde (Netherlands). (Dec 1982). v. 107(24) p. 957-960.
 NC : 7 ref. Summaries (En. NI).
 CN : Country: XENL. J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases). 6100 4150.
 AB : Osteoporosis is a major cause of **economic losses** in broilers. Examination shows enteritis, retardation of growth, poor feathering, rickets and crazy chick disease (encephalomalacia) in some cases. It is almost beyond doubt that the disease is infectious and that contamination may persist on a farm over a prolonged period. To produce all clinical features, the birds should be infected during the first days of life. The incidence of osteoporosis in successive flocks may be reduced by thorough cleansing and disinfection with a 10% solution of commercial formalin. Treatment of affected flocks with antibiotics for 3-4 days plus administration of additional vitamins A, D(3), E and K for 10-14 days will usually result in more rapid restoration of growth. **Economic losses** may be considerably reduced by combining thorough cleansing and disinfection with the treatment of affected flocks. (EN)
- (341) **Histomoniasis in a flock of young hens and its effect on egg laying.**
Histomoniasis in einer Junghennenherde und deren Auswirkung auf die spätere Leistung.
 Gerth, C.; Rudiger-Boesch, B.; Schmidt, U.; Mumme, J.; Friedhoff, K. T.
 Inst. für Tiergesundheit und Milchhygiene,
 Landwirtschaftskammer Westfalen-Lippe, Schorlemmerstrasse 26,
 4400 Münster, GFR.
 Tierärztliche Praxis 1985. 14 (3): 519-527 (24 ref.)
 Language: German Summary Language: English
- (342) **A microeconomic evaluation of the impact of Mycoplasma meleagridis infection in turkey production.**
 Carpenter, T. E.
 Dep. Epidemiol., Sch. Vet. Med., Univ., Davis, California
 95616, USA.
 Preventive Veterinary Medicine 1983. 1 (4): 289-301 (12 ref.)
 Language: English
- (343) **Mortality and disease patterns observed in nine replacement chicken flocks from 0-70 days of age.**
Proceedings of the Society for Veterinary Epidemiology and Preventive Medicine, 2-4 April 1986 [edited by M.V. Thrusfield].
 Curtis, P. E.; Gabaj, M. M.
 Dep. Vet. Clin. Sci., Univ. Liverpool, Vet. Field Sta.,
 'Leahurst', Neston, South Wirral L64 7TE, UK.
 Edinburgh, UK
 1986. 174-182 (6 ref.)
 Language: English

- (344) **Research into Marek's disease: an economic appraisal. Veterinary research and development: cost-benefit studies on products for the control of animal diseases [edited by Ansell, D.J.; Done, J.T.].**
 Ansell, D. J.
 Dep. Agric. Economics, Univ., Reading, UK.
 Reading, UK; Centre for Agricultural Strategy, University of Reading
 1988. 1-26 (7 ref.; CAS Joint Publication No. 3)
 Language: English
- (345) TI : Studies on Haemophilus infection in chickens. 1: isolation of Haemophilus gallinarum from chicken affected with infectious coryza.
 AU : Namgoong, S.; An, S.H.; Kim, K.S (Office of Rural Development, Suwon (Korea R.) Inst. of Veterinary Research).
 LA : Ko
 JP : Korean Journal of Veterinary Research (Korea R.). (Oct 1981). v. 21(2) p. 93-97.
 NC : 14 ref. Summaries (En. Ko).
 CN : Country: XBKR J (Serial article).
 LI : E (Summary).
 CC : L73 (Animal diseases). 6100 4110.
 AB : It has long been believed for the presence of infectious coryza affecting serious economic loss of domestic poultry industry. However, the etiologic agent has not been isolated until quite recently. From 1979, several strains of Haemophilus-like organism were isolated from chickens with symptoms similar to infectious coryza, and their colonial morphology, growth requirement, biochemical properties and pathogenicity were assessed. In addition, serological properties of the isolate by cross hemagglutination inhibition test was also investigated. The results indicated that all the isolates were identified as Haemophilus gallinarum which had similar characteristics to the reference strains. (EN)

9. Conejos/Rabbits

- (346) **Diseases of female breeding rabbits: description and comparison of illnesses occurring during the reproductive life of two purebred strains of rabbit.**
Pathologie des lapines reproductrices: etude descriptive comparative des phenomenes morbides observes lors de la reproduction de deux souches pures de lapin.
 Coudert, P.; Vaird-Drouet, F.; Provot, F.
 INRA Sta. Pathologie Aviaire, 37380 Monnaie, France.
 Annales de Recherches Veterinaires 1984. 15 (4): 535-541
 (9 ref.)
 Language: French Summary Language: English
- (347) **Economic efficacy of anticoccidial measures.**
 Irgasheva, L. I.; Seredkin, V. A.
 Trudy Uzbekskogo Nauchno-Issledovatel'skogo Veterinarnogo Instituta (Gel'mintozy i parazitarnye bolezni sel'skokhozyaistvennykh zhivotnykh v Uzbekistane) 1984. (No .36): 26-30 (4 ref.)
 Language: Russian
- (348) **Premature loss of hair in Angora rabbits.**
Untersuchungen uber den vorzeitigen Wollverlust beim Angorakaninchen.
 Fungers, H.-J.
 Inaugural Dissertation, Tierarztliche Hochschule, Hannover
 1983. 124pp. (97 ref.)
 Language: German Summary Language: English

10. *Especies acuáticas/Aquatic species*

- (349) **Economics of vaccination against enteric redmouth disease of salmonids.**
Horne, M. T.; Robertson, D. A.
Inst. Aquaculture, Univ., Stirling, FK9 4LA, UK.
Aquaculture and Fisheries Management 1987. 18 (2): 131-137 (2 ref.)
Language: English
- (350) **The influence of diplostomiasis on the survival of *Coregonus peled*.**
Zmerzlaya, E. I.
Sbornik Nauchnykh Trudov Gosudarstvennogo Nauchno-Issledovatel'skogo Instituta Ozerogo i Rechnogo Khozyaistva (Problemy ekologii parazitov ryb). 1983. (No. 197): 60-63 (5 ref.; summaries pp.116-117)
Language: Russian Summary Language: English
- (351) **Liguliasis in fish.**
La ligulose pisciaire.
Guillou, F.
Thesis, Ecole Nationale Veterinaire d'Alfort, France
1982. 60pp. (8 ref.)
Language: French
- (352) **Losses caused by decreased weight of yearling whitefish as a result of infection with *Diplostomum metacercariae* on lake fisheries.**
Razmashkin, D. A.; Shirshov, V. Ya.
Siberian Res. and Construction Projects Inst. of Fisheries, Tyumen, USSR.
Parazitologiya 1984. 18 (3): 220-227 (4 ref.)
Language: Russian Summary Language: English
- (353) **Losses caused by *Digrama* infection in *Carassius* in lake fisheries of the Tyumen region.**
Razmashkin, D. A.; Shirshov, V. Ya.
Sbornik Nauchnykh Trudov Gosudarstvennogo Nauchno-Issledovatel'skogo Instituta Ozerogo i Rechnogo Khozyaistva (Problemy ekologii parazitov ryb). 1983. (No. 197): 100-106 (4 ref.; summaries pp.116-117)
Language: Russian Summary Language: English
- (354) **New Zealand oysters under threat.**
Parasitology Today 1987. 3 (2): 36 (7 ref.)
Language: English
- (355) **Occurrence of nematode larvae in the musculature of the blue ling (*Molva dypterygia*).**
Erhebungen über das Vorkommen von Nematodenlarven in der Muskulatur des Blauleng (*Molva dypterygia*).
Berger, J.
Inaugural Dissertation Tierärztliche Hochschule, Hannover, German Federal Republic
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Language: German Summary Language: English

- (356) **Occurrence, spread and control of *Bothrioccephalus acheilognathi* in the carp ponds of the German Democratic Republic.**
 Fish, pathogens and environment in European polyculture. (Proc. Internat. Seminar, 23-27 June 1981, Szarvas, Hungary. *Symposia Biologica Hungarica* Vol.24). [Edited by: Olah, J.]. Weirowski, F.
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 Language: English
- (357) **The parasite fauna and diseases of *Ctenopharyngodon idella* in the lake fisheries of the Tyumen region.**
 Razmashkin, D. A.
 Sbornik Nauchnykh Trudov Gosudarstvennogo Nauchno-Issledovatel'skogo Instituta Ozerogo i Rechnogo Rybnogo Khozyaistva (Bolezni i parazity ryb vodoemov Zapadnoi Sibiri) 1984. (No.226): 50-55 (6 ref., English summary p.91)
 Language: Russian Summary Language: English
- (358) **Parasitological examination of *Salmo gairdneri* on a trout farm in western lower Saxony.**
 Parasitologische Untersuchungen an Regenbogenforellen (*Salmo gairdneri* Richardson) in einer Forellenteichwirtschaft in Westniedersachsen.
 Rosengarten, R.
 Inaugural Dissertation, Tierarztliche Hochschule, Hannover, German Federal Republic
 1985. 125pp. (11pp. of ref.)
 Language: German Summary Language: English
- (359) **Quantitative effects of marine diseases on fish and shellfish populations.**
 Hargis, W. J., Jr.
 Transactions of the North American Wildlife and Natural Resources Conference 1985. (No.50): 608-640 (100 ref.; Library: BL Science Reference, London)
 Language: English
- (360) **Some aspects of the epizootiology of diplostomiasis on trout farms.**
 Kudentsova, R. A.
 Sbornik Nauchnykh Trudov Gosudarstvennogo Nauchno-Issledovatel'skogo Instituta Ozerogo i Rechnogo Khozyaistva (Problemy ekologii parazitov ryb). 1983. (No.19 7): 64-73 (34 ref.; summaries pp.116-117)
 Language: Russian Summary Language: English
- *(361) ***Sulcascaris sulcata* (Nematoda, Anisakinae) infecting sea scallops being exported from southeastern Brazil.**
 Amato, J. F. R.; Amato, S. B.
 Dep. de Biol. Animal, Inst. de Biol., Univ. Fed. Rural do Rio de Janeiro, 23460 Seropedica, RJ, Brazil.
 Arquivos da Universidade Federal Rural do Rio de Janeiro 1982. 5 (1): 61-67 (10 ref.)
 Language: English Summary Language: Portuguese

- (362) **Trematodes of commercial fish of the Pacific of practical importance.**
Parasitology and pathology of marine organisms of the World Ocean [edited by Hargis, W. J., Jr.].
Korotaeva, V. D.
Pacific Res. Inst. Fish. Oceanography (TINRO), Vladivostok, USSR.
Seattle, USA; Department of Commerce, National Oceanic and Atmospheric Administration
1985. 63-64 (3 ref., NOAA Technical Report NMFS 25)
Language: English



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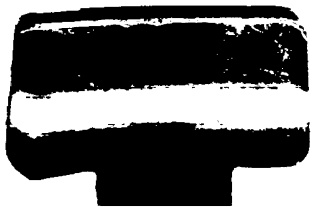
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