Moraxella bovoculi Bacterin

World's First Commercially Available Moraxella bovoculi Pinkeye Preventative!

- 8 Different M. bovoculi Isolates
- Cost Effective for All Cattle Herds
- Proven Safety Record
- More Convenient than Autogenous Programs

Addison Biological Laboratory, Inc. announces the approval of the world's first commercial Moraxella bovoculi vaccine for the prevention of pinkeye in cattle. This USDA conditionally licensed product is the first of this kind. Previously the only method of prevention against Moraxella bovoculi was autogenous services. This vaccine signifies a breakthrough in convenience for the large number of veterinarians and herd owners battling the challenging problem of pinkeye caused by Moraxella bovoculi. This product license is conditional; efficacy and potency have not been fully demonstrated.

From the LEADERS in pinkeye prevention!
### 2017 - 2018

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BRIEF SUMMARY: Before using Baytril® 100, please consult the product insert, a summary of which follows.

CAUTION: Federal (U.S.A.) law restricts this drug to use by or on the order of a licensed veterinarian. Federal (U.S.A.) law prohibits the extra-label use of this drug in food-producing animals.

To assure responsible antimicrobial drug use, enrofloxacin should only be used as a second-line drug for colibacillosis in swine following consideration of other therapeutic options.

INDICATIONS:
- Cattle - Single-Dose Therapy: Baytril® 100 is indicated for the treatment of bovine respiratory disease (BRD) associated with Mannheimia haemolytica, Pasteurella multocida, Histophilus somni and Mycoplasma bovis in beef and non-lactating dairy cattle; and for the control of BRD in beef and non-lactating dairy cattle at high risk of developing BRD associated with M. haemolytica, P. multocida, H. somni and M. bovis.
- Cattle - Multiple-Day Therapy: Baytril® 100 is indicated for the treatment of bovine respiratory disease (BRD) associated with Mannheimia haemolytica, Pasteurella multocida and Histophilus somni in beef and non-lactating dairy cattle.
- Swine: Baytril® 100 is indicated for the treatment and control of swine respiratory disease (SRD) associated with Actinobacillus pleuropneumoniae, Pasteurella multocida, Haemophilus parasuis, Streptococcus suis, Bordetella bronchiseptica and Mycoplasma hyopneumoniae. Baytril® 100 is indicated for the control of colibacillosis in groups of pigs or pens of weaned pigs where colibacillosis associated with Escherichia coli has been diagnosed.

Use within 30 days of first puncture and puncture a maximum of 30 times with a needle or 4 times with a dosage delivery device. Any product remaining beyond these parameters should be discarded.

RESIDUE WARNINGS:
- Cattle: Animals intended for human consumption must not be slaughtered within 28 days of the last treatment. This product is not approved for female dairy cattle 20 months of age or older, including dry dairy cows. Use these cattle may cause drug residues in milk and/or milk in calves born to these cows. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in calves to be processed for veal.
- Swine: Animals intended for human consumption must not be slaughtered within 5 days of receiving a single-injection dose.

HUMAN WARNINGS: For use in animals only. Keep out of the reach of children. Avoid contact with eyes. In case of contact, immediately flush eyes with copious amounts of water for 15 minutes. In case of dermal contact, wash skin with soap and water. Consult a physician if irritation persists following ocular or dermal exposures. Individuals with a history of hypersensitivity to quinolones should avoid this product. In humans, there is a risk of photosensitization within a few hours after excessive exposure to quinolones. If excessive accidental exposure occurs, avoid direct sunlight. For customer service or to obtain product information, including a Safety Data Sheet, call 1-800-633-3796. For medical emergencies or to report adverse reactions, call 1-800-422-9874.

PRECAUTIONS: The effects of enrofloxacin on cattle or swine reproductive performance, pregnancy and lactation have not been adequately determined. The long-term effects on articular joint cartilage have not been determined in pigs above market weight.

Subcutaneous injection in cattle and swine, or intramuscular injection in swine, can cause a transient local tissue reaction that may result in trim loss of edible tissue at slaughter. Baytril® 100 contains different excipients than other Baytril® products. The safety and efficacy of this formulation in species other than cattle and swine have not been determined.

Quinolone-class drugs should be used with caution in animals with known or suspected Central Nervous System (CNS) disorders. In such animals, quinolones have, in rare instances, been associated with CNS stimulation which may lead to convulsive seizures. Quinolone-class drugs have been shown to produce erosions of cartilage of weight-bearing joints and other signs of arthropathy in immature animals of various species. See Animal Safety section for additional information.

ADVERSE REACTIONS: No adverse reactions were observed during clinical trials.

ANIMAL SAFETY:
- In feeder calves, clinical signs including depression, incoordination, muscle fasciculation and inappetence have been observed at higher than approved label dosages. In swine subcutaneous safety studies, incidental lameness of short duration and musculoskeletal stiffness have been observed at higher than approved label dosages. In swine intramuscular safety studies, transient decreases in feed and water consumption were observed after each treatment. Mild, transient, post-treatment injection site swellings were observed in pigs receiving the 37.5 mg/kg BW dose. Injection site inflammation was found on post-mortem examination in all enrofloxacin-treated groups.

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NADA 141-688. Approved by FDA.
Baytril® 100 is indicated for the treatment and control of swine colibacillosis associated with E. coli in groups of pigs or pens of weaned pigs where colibacillosis associated with E. coli has been diagnosed.

GHG100318
The question to ask is how fast does the treatment kill BRD-causing bacteria.

Single-dose Baytril® 100 (enrofloxacin) Injectable delivers effective, therapeutic levels of drug in the lung tissues in 1-2 hours* and kills 97% of BRD-causing bacteria in 1-2 hours.** The sooner bacteria are killed, the faster a calf will feel better and get back to work eating and gaining weight. You know the drill. You turn to the one you trust.

*The clinical significance of in vitro data has not been demonstrated. Federal law restricts this drug to use by or on the order of a licensed veterinarian. Extra-label use of this product in food-producing animals is prohibited.
Table of Contents

GENERAL SESSIONS
• SECRET SAUCE SERVICE – The indispensable condiment
  Morgan J. McArthur ................................................................. 73
• How to keep beef and dairy producers asking for more
  W. Mark Hilton ................................................................. 75
• Becoming indispensable by making what really matters what matters
  Franklyn B. Garry ............................................................ 80
• Becoming indispensable in times of change: Value added services and workplace culture
  Shannon Nielsen .............................................................. 87
• Antimicrobial use monitoring – A useful tool, or a disciplinary stick?
  Michael D. Apley, Sandra Godden, Katie J. Hope,
  Nora F.D. Schrag ............................................................ 91
• Leading through generations
  Grant Rathje ................................................................. 96
• Staying healthy to be indispensable for the long-term: A physical therapist’s perspective
  Scott J. Uhlenthal ............................................................ 99
• Becoming indispensable by using “Systems Thinking” to tackle challenging and complex problems in practice
  John T. Groves ............................................................ 111
• It may be YOUR practice, but it’s OUR business!
  Mark Gardiner .............................................................. 113
• Disaster — Or opportunity to serve
  Randall Spare, Mark Gardiner ........................................ 114

BEEF SESSIONS
• Expanding the BSE to become indispensable
  Chance L. Armstrong .................................................. 117
• Finding the herd problem in the single case
  Meredith Jones ............................................................ 122
• I’m not positive that’s a positive. Become indispensable to your clients by knowing how to choose, interpret and incorporate diagnostic testing in bovine practice
  David R. Smith .......................................................... 126
• Ultrasound beyond reproduction: What I can do in practice
  S. Buczinski ................................................................. 134
• Evidence-based decision making for management of feedlot animal health
  E. J. Behlke ................................................................. 138
• Practical approach and outlook regarding animal welfare concerns related to beef feedlot production
  Michelle S. Calvo-Lorenzo ........................................ 140
• Performance of multiple diagnostic tools in assessing the progression of respiratory disease in calves infected with IBR followed by Mannheimia haemolytica
  J. Baruch, D. Renter, N. Cernicchiaro, C. Cull, K. Lechtenberg,
  J. Parr-Droch, M. Hockett, L. Bryant, G. Ellis, J. Welsh,
  J. Nickell ................................................................. 150
• Nutritional management between health and performance
  J. Trent Fox, Simon J. Timmermans ................................ 151
• Antimicrobial stewardship considerations in beef production
  Virginia R. Fajt ............................................................ 157

DAIRY SESSIONS
• Seeing what clients miss – Finding opportunities to improve animal and caretaker health
  Danielle A. Bickett-Weddle ........................................ 159
• Nutritional strategies to improve gastrointestinal health of dairy calves
  Michael A. Ballou, Emily M. Davis, Yu Liang .................. 162
• Genomic testing in dairy cattle: What can we do with this information and what strategies can we develop?
  David Ef ................................................................. 169
• The evolving world of precision dairy technology – Part I
  Marcia J. Endres .......................................................... 172
• The evolving world of precision dairy technology – Part II
  Marcia J. Endres .......................................................... 177
• Thoracic ultrasound to monitor lung health and assist decision making in preweaned dairy calves
  Theresa L. Olivett .......................................................... 185

AASRP SMALL RUMINANTS SESSIONS
• Reproductive management of reindeer (Rangifer tarandus)
  N. Isaac Bott ............................................................. 188
• Incorporating small ruminant theriogenology in private practice: Creating a brand that keeps producing
  N. Isaac Bott ............................................................. 192
• Camelid 101 – What you always wanted to know but were afraid to ask!
  Pamela G. Walker .......................................................... 194
• Common field problems in camelds
  Pamela G. Walker .......................................................... 200
• Guide to udder health for dairy goats – Providing guidance for veterinarians and producers in improving milk quality
  Paula L. Menzies ........................................................... 205
• Practical fluid therapy and blood transfusions in camelds
  Pamela G. Walker .......................................................... 212
• Tales from the grave – Improving the job we do with on-farm sheep and goat postmortems
  Paula L. Menzies, Maria Spinato, Andria Jones-Bitton,
  Jeannette Cooper, Jocelyn Jansen .................................. 218

PRACTICE MANAGEMENT SESSIONS
• Scheduling: A bit like herding cats
  Carrie M. Telgen ............................................................ 222
• Nine dimensions of veterinary wellbeing
  Jen C. Brandt ............................................................. 225
• Buy/sell agreements: Getting into and out of a partnership without hard feelings
  Denise L. Tumblin ........................................................... 227
• Getting from strategy to success: Evaluating, developing, and implementing new opportunities in practice
  Brian K. Reed ............................................................. 232
• Let data-driven decisions put you in the driver’s seat with your clients
  Sarah K. Giebel ............................................................ 237
• How I became indispensable by mentoring new associates and implementing new technologies
  Keelan Lewis ............................................................. 240
• One...two...three little doctors making a big impact!
  David Walton ............................................................. 242

STUDENT SESSIONS
• Field necropsy of cattle - Wisdom from the trenches
  Elizabeth R. Homerovsky, Brian N. Warr ......................... 245
• Communications and cultural awareness
  I.N. Roman-Munitz, E.J. Behlke .................................. 250
Becoming invaluable by carving out a niche in your practice
Keelan Lewis ................................................................. 252

PRACTICE TIPS
• Persistence, personality, and positivity: How to make your niche work
Michelle Borek-Stine ......................................................... 254
• Rural practice startup - Maintaining low overhead while providing exceptional service
Mary E. Mower ................................................................. 256
• The dispensable vet box
Keelan Lewis ................................................................. 258
• The incrediBULL testing trailer
Meredith Jones ................................................................. 259
• Calf puller in my pocket: Rope, knots, mechanical advantage
Judd Videto ................................................................. 260

RESEARCH SUMMARIES
• Investigating risk factors associated with passive immunity, health, and growth and the effects of administering non-steroidal anti-inflammatory drug to beef calves assisted at birth
J.M. Pearson, E.A. Pajor, J.R. Campbell, N.A. Caultcott, M. Levy, M.C. WindEye ................................................................. 262
• Comparison of analgesics for control of lameness-associated pain in lactating dairy cattle
 Rochelle Warner, Michael D. Kleinhenz, Joshua A. Ydstie, Jennifer Schleining, Larry W. Uulf, Johann F. Coetzee, Patrick J. Gorden ................................................................. 263
• The analgesic properties of transdermal flunixin meglumine when given at the time of castration
• Effect of dehorning pain on the pharmacokinetics of transdermal flunixin in Holstein calves
M.D. Kleinhenz, N.K. VanEngen, P.J. Gorden, K.E. Kleinhenz, B. KuKanich, S.M. Rajewski, R. Walsh, J.F. Coetzee ................................................................. 265
• Genetic characterization of Mannheimia haemolytica isolated from high risk stocker cattle
E.R. Snyder, B.C. Credille, S. Alvarez-Narvaez, R.D. Berghaus, S. Giguère ................................................................. 266
• Behavioral attitude scores associated with bovine respiratory disease identified using calf lung ultrasound and clinical respiratory scoring
M.C. Cramer, K. Proudfoot, T.L. Ollivett ................................................................. 267
• Effect of ampicillin trihydrate in preweaned Holstein calves after experimental bacterial challenge with Pasteurella multocida
C.L. Holschbach, S.M. Raabis, I. Boukahil, T.L. Ollivett ................................................................. 268
• Evaluation of composite vs individual fecal egg counts: Helping producers save money while accurately monitoring the resistance status of their parasites
Kelsey L Paras, Melissa M. George, Sue B. Howell, Ray M. Kaplan ................................................................. 269
• Kansas bovine anaplasmosis herd prevalence and management practice risk-factors associated with herd serostatus
• Relationships between type of hoof lesion and behavioral signs of lameness in Holstein cows housed in tie-stall facilities
M.T. Jewell, M. Cameron, J. Spears, S. McKenna, M.S. Cockram, J. Sanchez, G.P. Keefe ................................................................. 271
• The effect of growth rate on reproductive outcomes in replacement dairy heifers in seasonally calving, pasture based systems
C.J. Hayes, C.G. McAlmon, C.I. Carty, E.G. Ryan, L. O’Grady ................................................................. 272
• Detection of bovine viral diarrhea virus in stable flies (Stomoxys calcitrans) following consumption of blood from persistently infected cattle
J.M. Carlson, B.L. Vander Ley, S.J. Lee, A. Workman, D. Boxler ................................................................. 273
• Acclimating cattle: Effects on stress and health
• Evaluation of three classification models to predict risk class of cattle cohorts developing bovine respiratory disease within the first 14 days on feed using on-arrival and/or pre-arrival information
• Evaluating the use of a blood leukocyte differential on beef cattle arriving to a feed yard to predict those animals at risk for developing clinical or subclinical respiratory disease
Shawn M. Huser, David E. Amrine, Jena G. McLeLlan, Brad White, Robert L. Larson, Adi Wasserkraug-Noor, Charley A. Cull ................................................................. 276
• Comparative efficacies of enrofloxacin and tulathromycin for the control of respiratory disease in beef cattle
Sydney Crosby, Brent Credille, Roy Berghaus, Stieve Giguère ................................................................. 277
• Effects of innate immune stimulation on naturally occurring respiratory disease in beef calves.
E.I. Kaufman, L.L. Bassel, S.A. Alsop, K. Vulikh, L.R. Siracusa, J. Hewson, S. Sharp, J.L. Caswell ................................................................. 278
• Distinct bacterial communities inhabit the upper and lower respiratory tract of healthy feedlot cattle and those diagnosed with bronchopneumonia
Edouard Timsit, Matthew Workentine, Trevor Alexander ................................................................. 279
• Effects of transportation to and co-mingling at an auction market on the upper and lower respiratory tract bacterial communities of recently weaned calves
Christina Stroebel, Trevor Alexander, Edouard Timsit ................................................................. 280
• The nasopharyngeal microbiota of preweaned dairy calves with and without ultrasonographic lung consolidation
S.M. Raabis, T.L. Ollivett, A. Quick, G. Suen ................................................................. 281
• Development of a novel clinical scoring system for bovine respiratory disease (BRD) in weaned dairy calves
G.U. Maier, J.D. Rowe, T.W. Lehenbauer, B.M. Karle, D.R. Williams, J.D. Champagne, S.S. Aly ................................................................. 282
• Development of a newborn calf vigor scoring system
C.F. Murray-Kerr, K.E. Leslie, S.M. Godden, W.A. Knauer, S.M. McGuirk ................................................................. 283
• Effect of implementing a novel calf vitality scoring system and early intervention program on pain management in newborn dairy calves
• Canadian National Dairy Study: Heifer calf management
• A prudent approach to antibiotic treatment of high-risk calves at arrival to a dairy beef facility

• Quantifying the forces applied during assisted calvings and the impacts on newborn beef calves
  Ann Kulzer, Jennifer M. Pearson, Edmond Pajor, Akshay Guridtu, Mark Ugrin, M. Claire Winde yer .......................... 287

• Investigation of the relationship between bacteria counts and bedding characteristics with udder health and milk quality on U.S. dairy farms: Preliminary results

• Investigation of the relationship between bedding materials, bedding characteristics, and intramammary infection in late lactation dairy cows: Interim findings
  S.M. Rowe, S.M. Godden, E.E. Royster, J.A. Timmerman, B.A. Crooker, M. Boyle .................................................................................................................. 289

• Investigation of the relationship between udder towel hygiene, udder towel management, and intramammary infection in late lactation dairy cows: Interim findings
  S.M. Rowe, S.M. Godden, E.E. Royster, J.A. Timmerman, M. Boyle .......................... 290

• Incidence risk of clinical mastitis in eight commercial dairy herds in central New York
  Valeria Alanis, Paula Ospina, Tiago Tomazi, Paolo Moroni, Daryl Nydam ........................................................................................................ 291

• The microbiome of Escherichia coli and culture-negative nonsevere clinical mastitis: Characterization and associations with linear score and milk production

• Promoting prudent use of antimicrobials on moderate-sized dairies: Use of pathogen-based protocols for the treatment of nonsevere clinical mastitis in 8 New York herds
  A.K. Vasquez, D.V. Nydam, S. Eicker, P.D. Virkler .................................................. 293

• Conventional culture, MALDI-TOF and 16S rRNA compared for agreement in diagnosis of bovine mastitis pathogens
  David J. Wilson, John Middleton, Pamela Adkins, Gregory M. Goodell ................. 294

• Use of an ultraltration device in gland cistern for continuous sampling in healthy and mastitic quarters of lactating cattle
  D.A. Mzyk, C.M. Bublitz, H. Sylvestre, G.D. Hobgood, R.E. Baynes, D.M. Foster .................................................. 295

• Assessment of a commercial borescope to evaluate the presence of lesions of digital dermatitis in dairy cows
  S. Ferraro, M. Rousseau, S. Dufour, J. Dubuc, J-P. Roy, A. Desrochers ................. 296

• Association between hoof lesions and fertility of lactating dairy cows

• An evaluation of the relationship between hyperketonemia and pre- and post-calving hoof lesions in dairy cattle
  E.M. Wyand, G. Cramer .................................................. 298

• Cumulative effects of early lactation diseases on fertility and survival in a multi-state population of Holstein cows

• Epidemiology of subclinical hypocalcemia in early-lactation Holstein cows
  R.C. Neves, B.M. Leno, K.D. Bach, J.A.A. McArt .................................................. 300

• Association of mid-infrared predicted milk and blood constituents with early lactation disease and herd removal in Holstein cows
  K.D. Bach, D.M. Barbano, J.A.A. McArt .................................................. 301

• Randomized clinical trial of ceftiofur hydrochloride treatment to prevent acute puerperal metritis in dairy cows having Escherichia coli in their uterus at day 1 postpartum
  Jocelyn Dubuc, Marijolaine Rousseau, Jean-Philippe Roy, Sébastien Bucinski .................................................. 302

• Diagnosis of Johne’s disease – A new tool for MAP serology
  Joanna Rzepek, Sidra Hines .................................................. 303

• Use of environmental testing to identify high risk areas for Johne’s disease transmission on cow-calf operations
  R.M. Breuer, C.M. Garoutte, A.C. Krull, A.J. Kreuder .................................................. 304

• Herd-level prevalence of Johne’s disease and BVD, management practices and farm characteristics for positive dairy herds in Utah and Idaho
  David J. Wilson, Kerry A. Rood, Chelsea Whitehouse, Jennifer Bunnell, Gregory M. Goodell, Todd M. Byrem .................................................. 305

• Progesterone supplementation improves fertility of lactating Holstein cows without a corpus luteum at initiation of the timed AI protocol
  B.O. Omontese, M. Diefenbach, K. McSweeney, A. Caixeta .................................................. 306

• Cow-calf pregnancy distribution information from records collected at the time of pregnancy diagnosis
  T.H. Fountain, R.L. Larson, B.J. White .................................................. 307

• Bulls as a source of bovine leukemia virus during natural breeding
  O.J. Benitez, J. Roberts, B. Norby, P. Bartlett, J.E. Maeroff, D.L. Grooms .................................................. 308

• Comparison of ante-mortem and post-mortem diagnosis of ovarian follicular dysplasia in Florida beef herds
  H. Nobre, J. Gard, J. Roberts, J. Wenzel, M. Edmondson, T. Braden .................................................. 309

• A shorter on-farm dairy welfare assessment protocol that can provide useful feedback to producers
  M.T. Jewell, M. Cameron, J. Spears, S. McKenna, M.S. Cockram, J. Sanchez, G.P. Keefe .................................................. 310

• Pharmacokinetics of tulathromycin following administration with remote delivery devices
  J.D. Rivera, A.R. Woolums, S. Giguere, J.T. Johnson, A.G. Lutz, P.N. Tipton, W. Crosby, I. Hice .................................................. 311

• Effects of local anesthetic or systemic analgesia on pain associated with cautery disbudding in calves: A systematic review and meta-analysis

POSTERS

• Characterization of cell mediated immune responses in stressed and unstressed beef calves
  Veronica Buhler, Kaycee Cash, David Hurley, Brent Credille .................................................. 313

• Epidemiology and treatment of spine ear ticks on a California dairy

• Relationship between serum diamine oxidase activity and severity of diarrhea in calves
  T. Fukuda, K. Tsukano, M. Otsuka, Y. Nishi, K. Suzuki .................................................. 315

• Genomic comparison of Histophilus somni strains shows genetic drift
  Brittanny Wiener, Paulraj Lawrence .................................................. 316
• Using prostaglandin F2α and gonadotropin-releasing hormone simultaneously 7 d prior to Ovsynch increased first-service pregnancies per artificial insemination compared to Presynch-14/Ovsynch
  J.P.N. Martins, W. Martinez, J.S. Schmitt, P.J. Ross ........................................ 317
• Survey of Iowa beef veterinarians on Johne’s disease in calf operations
  R.M. Breuer, A.C. Krull, A.J. Kreuder .............................................................. 318
• Effects of postpartum oral calcium supplementation on productive and reproductive outcomes in multiparous Jersey cows
  A. Valldecabres, N. Silva-del-Ría ............................................................... 319
• Validation of a handheld somatic cell count device
  Tonie Domino, Daryl Nydam, Rick Watters .................................................. 320
• Ionized calcium and glucose changes in refrigerated heparinized blood samples from dairy cows
  A. Valldecabres, N. Silva-del-Ría ............................................................... 321
• A comparison of three feedlot vaccination programs on the health, growth performance, and carcass characteristics of high-risk heifers procured from auction markets
  J.A. Hagenmaier, B.L. Terhaar, K. Blue, B.W. Hoffman, J.T. Fox, M.E. Theurer .................................................. 322
• Variation of liver mineral concentrations in Florida beef cattle diagnosed with ovarian follicular dysplasia
  J.A. Gard, J. Roberts, H. Nobre, J. Wenzel, M. Edmondson, C. Gaskill ........................................................................... 323
• Effect of purulent vaginal discharge on ovarian cyclicity, pregnancy, pregnancy loss, and cow survival in a large multi-farm population of Holstein cows
  P. Pinedo, J.E.P. Santos, G. Schuenemann, S. Rodriguez-Zas, G. Rosa, C. Seabury ................................................................. 324
• Effect of lameness during early lactation on subsequent fertility and survival of Holstein cows across multiple geographic areas in the US
  P. Pinedo, J.E.P. Santos, G. Schuenemann, S. Rodriguez-Zas, G. Rosa, R. Chebel .................................................................. 325
• Changes in milk yield in the proximity of AI as predictors of conception risk
  P. Pinedo, J.E.P. Santos, G. Schuenemann, R. Bicalho, K. Galvao, R. Chebel .................................................................. 326
• Effect of season on fertility of dairy cows in four US regions
  P. Pinedo, J.E.P. Santos, G. Schuenemann, R. Gilbert, K. Galvao, G. Rosa ............................................................. 327
• Development of a multivariable reproductive index to assess fertility of dairy cows
  J.E.P. Santos, P. Pinedo, G. Schuenemann, R. Bicalho, S. Rodriguez-Zas, G. Rosa ................................................................. 328

• The 15-membered ring macrolide tulathromycin inhibits plasma endotoxin activity in endotoxin-challenged calves
• Sequential changes in NF-kB and STAT-3 mRNA in polymorphonuclear leukocytes and liver samples in endotoxin-challenged calves
• Sporadic juvenile thymic lymphoma in a 3-month-old Angus bull calf
  D. Alexander, J. Roberson, P. Gibbons, S. Chapman, C. Pfent, L. Miller ................................................................. 331
• Implications of allogregnanolone in weak calf syndrome
  P. Riedel, J. Dascania, J. Johnson, L. Miller ................................................................. 332

AASRP RESEARCH SUMMARIES
• Comparing the efficacy of copper oxide wire particles, copper sulfate and levamisole on Haemonchus contortus in goats
  Beth Johnson, James Mackey, William DeWees, Barbie Papajeksi ................................................................. 333
• Diarrhea outbreak associated with corona virus in adult goats
  Fauna Leah Smith, Nicola Pusterla, Beate M. Crossley, Kristin A. Clothier, Mark L. Anderson, Samantha S. Barnum, Meera C. Heller, Joan Dean Rowe ................................................................. 334
• Inhibition of biofilm formation and antibacterial potentiation by 2-aminoimidazole compounds evaluated using coagulase negative Staphylococci (CNS) isolated from goat mastitis
  R.S. Healey, D. Zeng, K.L. Anderson ................................................................. 335
• Comparative plasma and urine concentrations of flunixin and meloxicam in show goats
  C.M. Bublitz, D.A. Mzyk, T. Mays, V.R. Fajt, T. Hairgrove, R.E. Baynes ................................................................. 336
• Correlation of carbohydrate larval antigen (CarLA®) antibody response with parasitism in Ontario sheep
  Emma A. Borkowski, Niel A. Karrow, Paula I. Menziez, Jacob Avula, Brandon N. Lillie, Andrew S. Peregine ................................................................. 337
• Diagnosed primary causes of death in domestic sheep of all ages in the Intermountain West
  David J. Wilson, Thomas J. Baldwin, E. Jane Kelly ................................................................. 338

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Addison Biological Laboratory, Inc. .................................................. inside front cover
Bayer .................................................. front of book
Boehringer Ingelheim .................................................. 109, 110, back of book, back cover
IMV Imaging .................................................. 125
Newport Laboratories .................................................. 149
Vetstream .................................................. 85, 86
Zoetis

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