



AGENDA

Sunday, June 25, 2006

10:00 - 4:00	Registration	Atrium
1:00 – 2:45	Sunday Session “Fifty Years of Livestock Insect Research and the Livestock Insect Workers’ Conference”	Canadian/Trinity

The First Systemic Insecticides for the Control of Cattle grubs
Roger Drummond

50 Years of the Livestock Insect Workers’ Conference: A University Perspective
Jack Campbell

Evolution of Insect Control Tactics and Strategies for Insects Affecting Cattle
Sidney Kunz

The Control of the Screwworm, A 1920’s Vintage Film
Alberto Broce

2:45 – 3:00	Break/View Exhibits	Colorado
3:00 – 4:15	Sunday Session – continued	Canadian/Trinity

The Sterile Male Method for Screwworm Eradication: From Concept to
Eradication
John Welch

50 Years of the Livestock Insect Workers’ Conference: An Industry Perspective
Bob Arther & Bob Pennington

Future Directions: Molecular Biology of the Horn Fly and the Southern Cattle Tick
John Pruett

5:00 - 6:30	Mixer	Atrium
6:30 - 8:00	Mexican Buffet Dinner	Canadian/Trinity

Monday, June 26, 2006

7:00 - 9:00	Breakfast/Registration	Atrium/Canadian
8:00 - 10:00	Welcome & Keynote Speakers • Ross Wilson, President & CEO, Texas Cattle Feeder Association • Dr. James Clark, Dean, College of Agriculture, Nursing, and Natural Sciences, West Texas A&M University	Canadian/Trinity

Technical Sessions (Industry)

Canadian/Trinity

**Bayer
Fort Dodge Animal Health
Schering Plough
Y-TEX Corporation
Elanco Animal Health
IVX Animal Health
Pfizer Inc
KMG Chemicals**

**Wellmark International
Scynexis
Farnam Companies Inc
Ecto Development Corp
Jabb of the Carolinas
Spalding Laboratories
Riner & Assoc.
Beneficial Insectary**

10:00 -10:15

Break/View Posters/Exhibit

Colorado

Survey to Assess Parasite and Fly Control Methods Utilized by Washington Beef Cattle Producers

Authors: *H. Ferguson, D. Walsh, S. O'Neal Coates, and A. Linton*

Establishment and Expansion of *Pseudocteon tricuspis* and *Pseudacteon curvatus* in Arkansas.

Author(s): *K. Loftin, J. Hopkins, D. Petty, J. Gavin, R. Herring, J. Clemons, A. Simpson, and M. McCarter*

Efficacy of Diflubenzuron, an Insect Growth Regulator, for Control of Stable Flies (Diptera:Muscidae) in Confined Feeding Dairy Facilities.

Author (s): *J. Hambley, G. Schuster, M. Brown, C. Pounce, J. Talley, D. Britten, and J. Tomberlin*

A Sustained Release Gel Formulation Containing Doramectin for Control of Lone Star Ticks and Horn Flies on Cattle

Author(s): *J. A. Miller, J. M. Pound, K. H. Lohmeyer, and J. A. Klavons*

Inter-Host of Mosquitos Attacking Horses in the Panhandle of Texas

Author (s): *K. McDonald, G. Schuster, S. Presley, L. Baker, and J. Pipkin*

Flies as Potential Vectors of Resistance Determinants in Feedlots.

Author (s): *G. L. Schuster, S. Loneragan, L. M. Chichester, D. J. Kunze, and G. H. Loneragan*

10:15 -11:30

Technical Sessions (Horses)

Canadian/Trinity

Evaluation of Mosquito Trapping Efficiency and Seasonality Trends Using the Mosquito Magnet® Pro and Three Attractants: Octenol, Lurex, and Lurex³ at the University of Florida Horse Teaching Unit

Author: *A. Holton*

Associative Learning of Odor with Food or Blood Meal by *Culex quinquefasciatus* Say (Diptera: Culicidae)

Author(s): *J. K. Tomberlin, G. C. Rains, S. A. Allan, M. R. Sanford, and W. J. Lewis*

11:30 - 12:00	Preliminary Business Meeting	Canadian/Trinity
12:00	Boxed Lunch	Atrium
	Open Afternoon	
	Golf Tournament – leave at 12:15	
	Panhandle-Plains Historical Museum - leave at 1:00	
	Palo Duro Canyon – leave at 1:00	
	Historic Route 66/Antique Shopping – leave at 1:15	
5:30 – 6:00	Bus Leave for Banquet – meet at front of hotel	
6:00 – 10:30	Banquet & Entertainment - return ~9:30 – 10:30 River Breaks Ranch – BBQ and more!!	
	Transportation will be provided!	

Tuesday, June 27, 2006

7:00 - 9:00	Breakfast	Atrium
8:00-10:00	Technical Sessions (Beef/Dairy)	Canadian/Trinity

Beef

Evaluation of Integrated Management Techniques Against Nuisance Fly Populations on Australian Feedlots

Author(s): *J.A. Hogsette, R.Urech, P.E. Green, M.M. Elson-Harris, R.L. Bright, G.W. Brown, A.G. Skerman*

The USDA Northeast Area-wide Tick Control Project – Summary and Conclusions

Author(s): *J. M. Pound, J. A. Mille, J. E. George, D. Fish, J. F. Carroll, T.L. Schulze, T. J. Daniels, R. C. Falco, K. C. Stafford III, and T. N. Mather*

Fundamental Study of Tick Physiology: New Approaches and Potential Applications

Author: *A.Y. Li*

Serotonin-like Immunoreactivity in the Synganglia of the Southern Sattle Tick (*Boophilus microplus*) and Other Ixodid Tick Species

Author(s): *N. A. Hummel and A.Y. Li*

Evaluation of Pathogenicity of Three Species of Entomopathogenic Fungi on Horn Flies, *Haematobia irritans*.

Author(s): *K H. Lohmeyer and J.A. Miller*

Liquid Molasses for Delivery of Avermectins

Author(s): *J.A. Miller, J. M. Pound, K.H. Lohmeyer, J.A. Klavons, and J.E. George*

10:00-10:15	Break/View Posters/Exhibit	Colorado
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10:15 -12:00

Technical Sessions (Beef/Dairy)

Canadian/Trinity

Beef

A Sustained Release Gel Formulation Containing Doramectin for Control of Lone Star Ticks and Horn Flies on Cattle

Author(s): *J.A. Miller, J.M. Pound, K.H. Lohmeyer, and J.A. Klavons*

Efficacy of a Single Injection of Doramectin Against Adult Female *Boophilus Microplus* (Acari:Ixoodidae) Ticks in the Late Stages of Parasitic Development.

Author(s): *R. Davey, J. A. Miller, J.E. George, and J.A. Klavons*

Development of Geographic Information Systems (GIS) Technologies for Use in Epidemiological Investigations of *Boophilus* spp. Tick Infestations

Author(s): *D. M. Kammlah, J. M. Pound, J.E. George, R.A. Duhaime, and E.J. Bowers*

Transmission of *Escherichia coli* O157:H7 to Cattle by House Flies

Author(s): *A. Ahmad, T.G. Nagaraja, and L. Zurek*

Pasture Treatment with Dimilin Suppresses Horn Flies

Author(s): *J.K. Tomberlin and K. Lohmeyer*

Thrombostasin Isoform Frequency in a Central Texas Field Population of the Horn Fly, *Haematobia irritans irritans*

Author(s): *P.M. Untalan, J.H. Pruett, H.N. Atteberry, and C.D. Steelman*

12:00 -1:30

Lunch

Atrium/Parke

1:30 - 3:00

Technical Sessions (Beef/Dairy)

Canadian/Trinity

Beef

Cattle Resistance to Lone Star Tick Infestation: An Association Between a BoLA Class IIa Microsatellite Marker and the Resistant Phenotype

Author(s): *J.H. Pruett and P.M. Untalan*

Susceptibility of Target House Fly Populations to Select Insecticides

Author(s): *J. K. Tomberlin and G. Schuster*

Impact of Various Design Modifications to the Standard Nzi Trap on Collections of Tabanidae at the Lower Suwannee Wildlife Refuge

Author (s): *D.L. Kline, D.A. Carlson, S.A. Allan and S. Mihok*

Pyrethroid Insecticide Treatment for Protecting Livestock from Insect-transmitted Pathogens

Author(s): *E. Schmidtman, J. Waggoner, C. Kato, J. Lloyd, and R. T. Mayer*

Reduction of Stable Fly Breeding Habitats by Periodically Moving Hay Feeding Sites.

Author(s): *J. Talley, A. Broce, and L. Zurek*

Forensic Entomological Investigations Dealing with Confined Livestock & Poultry

Author: *R. E. Williams*

3:00 - 3:15	Afternoon Break/View Posters	Colorado
3:15 - 4:30	Technical Sessions (Beef/Dairy)	Canadian/Trinity

Dairy

Visual Targets for House Fly Management

Author: *C. J. Geden*

Insect Repellents in the Management of Horn Flies

Author(s): *W. Watson, E. Laistro, K. Rochon, S. Denning, M. Stringham, J. Butler, and H. Friend*

Black Soldier Fly Larvae Reduce Dairy Wastes in Texas

Author(s): *H. M. Myers, J. K. Tomberlin, and B. Lambert*

Z-9-tricosene (Muscalure) in the Field: What is the Role in House Fly Age Structure and Mating?

Author(s): *S. M. Butler, B. A. Mullens, J. S. McElfresh, N. C. Hinkle, R. D. Moon and J. G. Millar*

On Mouthparts, Painful Bites and Population Numbers of Stable Flies

Author: *A. Broce*

5:00	Dinner on your own
6:45	Bus leaves for "The Best of Texas" – return ~11:00 Palo Duro Canyon

Wednesday, June 28, 2006

7:00 - 9:00	Breakfast Bar
8:00-10:00	Technical Sessions (Swine/Poultry) Canadian/Trinity

Poultry

Potential Role of Flies in the Persistence and Dispersal of Exotic Newcastle Disease Virus in Southern California

Author(s): *S. Chakrabarti, D. J. King, C. Cardona, C. L. Afonso, D. W. Swayne, and A. C. Gerry*

Field Report: Ivermectin for Northern Fowl Mite Control in Turkey Breeders

Author(s): *S. M. Stringham and D. W. Watson*

Interaction of the Host Immune Response and Population Dynamics of the Northern Fowl Mite

Author(s): *J. P. Owen, C. J. Cardona, M. E. Delany, A. A. Bickford, B. A. Mullens*

Georgia Broiler Production: Pests and Profitability

Author(s): *N. Hinkle and A. J. Roche*

An Observation of Avian Lice, *Piagetiella peralis*, (Phthiraptera: Menoponidae) on a Non-domestic Bird

Author(s): *G. Johnson and K. Hale*

Swine

Detection and Persistence of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) in Stable Flies (*Stomoxys calcitrans*).

Author(s): *K. Rochon, W. Watson, M. McCaw, and B. Baker*

10:00 -10:15

Break

10:15 -11:30

Technical Sessions (Goats/Sheep/Other)

Canadian/Trinity

Sheep Dipping with Dr. J.G. Matthysse

Author (s): *D. Rutz and E. Homan*

Forensic Entomology: Much More Than Just CSI

Author: *J. K. Tomberlin*

Cuniculture in Haiti

Author(s): *J. K. Tomberlin and J. P. Muir*

Asseptability of Using “Vector” as a Transitive Verb

Author: *N. Hinkle*

11:30 -12:00

Business Meeting/Wrap up

Canadian/Trinity

Have a safe trip home!