

MARCH 1999

## Greetings

The timing was perfect. We had the first significant rain in Canterbury on the very day that national radio news advised us of no end in sight for the current drought-like conditions. This melancholy prediction had come from the well-meaning professionals who analyse weather records. Unfortunately, as this example illustrates, there does seem to be a large gulf between the opinions of experts and the reality. I hope animal production scientists are not viewed by the public in a similar light. Likewise in the context of weather, we have the oft-quoted expression 'global warming' which has been echoed so repeatedly that I suspect many people; scientists, politicians and business leaders alike; may think that it is a fact. Most of us know better. There is no evidence for current global warming in the sense of it being a new, inexorable phenomenon with dire consequences. To date we have experienced a short-term increase in mean temperature no different from similar oscillations which have occurred throughout the recordable history of global weather - about 170 thousand years. If the current trend continues for a few more decades we will be able to say that it is unusual. Until then, the predicted 'global warming' scenario is merely conjecture. It is prudent for us to plan as if the event might happen, it would be foolish not to, but to claim it as a present day fact indicates a lack of scrutiny of the data or a form of mass hysteria.

This latter possibility reminds me of the debate about entry of genetically modified organisms (GMOs) into food chains including our own. Again, we seem to be confronted by latter day Luddites or by non-critical minds swept along by a similar flood of unreasoned conjecture. Where are the cries of concern about possible harm from hybrid organisms, organically grown foods, naturally occurring toxicants and the unmonitored processes involved in some of the material we ingest? There seems to be an element of self delusion or hypocrisy behind the anti GMO protests, but maybe the problem here arises from our own inability to provide the voice of reason to the public ear. Much of this particular debate concerns animal production, directly or indirectly, so animal production people have to be prepared to engage themselves in the argument. Put your hand up if you have entered the public forum on any of these issues

.....I haven't either!

*Graham Barrell*

The Society is grateful for the sponsorship provided by



**POSSIBLE PRIMARY INDUSTRY CONFERENCE WEEK?**

In the last 4 months the Management Committee has received approaches from 3 different organisations/societies servicing the primary production industry in New Zealand. As reported earlier the NZ Grassland Association put out tentative feelers about a shared conference plus a shared secretariat for running the business of NZSAP and NZGA. In early February this year the NZ Institute of Agricultural Science held a meeting to explore possible collaboration. Just prior to the last Management Committee meeting on 26 February, the NZ Society of Farm Management put forward a proposal to establish a Primary Industry Conference week.

They state there are 14 organisations running conferences of interest to members of NZSFM (and presumably NZSAP) and these often clashed in time at opposite ends of the country.

They proposed a common week sometime between March and August with shared sessions between relevant organisations where appropriate. They suggest a joint conference along these lines would need facilities and accommodation to handle up to 700 attendees.

The Management Committee discussed the ramifications of such a proposal. There are considerable merits in a joint conference as there would be a reduced cost of travel for members to attend plus the ability to attend sessions of other organisations or joint sessions. Also a possible reduction in organising costs would be welcome in an era of reduced funding for primary production and science.

We have indicated that we are willing to join in discussions about the proposal but that we could not participate in such an event until the year 2001. The reason for the delay is because planning for the 60th Jubilee Conference of NZSAP in Hamilton next year is well underway and we want to celebrate this milestone in a special way.

I do not think this procrastination is necessarily bad. We would like to gauge your views on the merits of a joint conference week. Please make your opinion known to a member of the Management Committee.

I am delighted to inform you that it is with sincere gratitude that we acknowledge the continuing support of **LANDCORP** and their generous assistance with the running of the Society's Annual Conferences.

Please note that nominations for officers of the Society are required by April 30 (see below).

*Denis Elvidge*

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**NOMINATIONS FOR MANAGEMENT COMMITTEE  
1999 - 2000**

The Management Committee of the Society consists of the President, Vice-President, Secretary, Treasurer, Editor of Proceedings, Newsletter Manager, Web Site Manager, Publications Manager, Convenor of the Conference Organising Committee and Immediate Past-President, each of whom shall be members of the Society. All offices except the President, Immediate Past President and Convenor of the Conference Organising Committee are open for election. The AGM also elects the Auditor on the recommendation of the Committee.

**NOMINATIONS MUST BE IN THE HANDS OF THE EXECUTIVE SECRETARY BY APRIL 30 1999**

Position Nominated \_\_\_\_\_

Name of Nominee (Print) \_\_\_\_\_

Signature of Nominee \_\_\_\_\_

Proposer (Print Name) \_\_\_\_\_

Signature of Proposer \_\_\_\_\_

Seconder (Print Name) \_\_\_\_\_

Signature of Seconder \_\_\_\_\_

Date \_\_\_\_\_

## **NEW MEMBERS**

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NZ Society of Animal Production welcomes the following 11 new members:

Mr Carlos Batallas, Auckland; Ms Christine Bristol, Feilding; Mr Tim Day, AgResearch, Ruakura; Mr Jagunder Dhanda, University of Queensland, Australia; Mr Brian Patchett, Ashburton; Mr Rod Paterson, Omarama; Mr Hamish Reid, Oxford; Mr Chris Rogers, Massey University, Palmerston North; Mr Ian Tarbotton, AgResearch, Ruakura; Mr Selwyn Thompson, Rakaia and Mr Gerry Williams, Auckland.

## **RESIGNATIONS**

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Twenty-two members who have not paid subscriptions since 1995 have been deleted from the list of members of the NZ Society of Animal Production as per the Society's Constitution.

## **NZSAP ANNUAL CONFERENCE 1999**

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The 1999 Annual Conference of the New Zealand Society of Animal Production will be held at Holy Cross College, Mosgiel from 28 June - 1 July. The seminary at Holy Cross College closed and the facilities are now used as a conference and retreat centre. There is comfortable single-room accommodation which is linked by a covered walkway to the auditorium and dining room. And yes, alcohol will be available at our social functions!

The College is at 89 Church Street, Mosgiel. When entering Mosgiel from SH1, and after crossing the railway line on Gordon Road, take the first street to the right (Park Street). Park Street is a short street connecting Gordon Road and Church Street. At the end of Park Street continue straight ahead into the College entrance. The College is about 10 minutes from Dunedin airport and is in easy walking distance to shops.

The LIC lecture will be presented by Dr Warren Parker (General Manager Dairy and Beef Division, AgResearch Ruakura). Before joining AgResearch in 1998, Dr Parker was Professor of Farm Management and Agricultural Systems in the Institute of Veterinary, Animal and Biomedical Sciences, Massey University. His address will be entitled *Farm Performance Measurement – Linking Monitoring and Decision-making to Business Strategy*. In summary Warren will discuss how farm monitoring and evaluation are part of the control function of management. Increasing attention is being given to performance measures as indicators of farm business strategy through linking day-to-day management to the goals of the manager/owner. This shift in thinking focuses the performance measures around a few key success factors. The resulting model enables farm monitoring to be better linked with farm strategies and performance measures. This should further encourage farmers to monitor their system in order to gain feedback for evaluating decisions and predicting future performance.

### **Programme outline**

	<b>Monday 28 June</b>	<b>Tuesday 29 June</b>	<b>Wednesday 30 June</b>	<b>Thursday 1 July</b>
Morning		LIC Lecture Farm and flock monitoring	Nutrition Dairy & Beef	Pests & Toxins Meat
Afternoon	Wool production Young members	Sheep management Deer & Venison	Reproduction Field trip	
Evening	AGM	Presidential address	Conference dinner	

**Conference Registrations close Friday 14 May 1999.**

## MINUTES OF THE ANNUAL GENERAL MEETING OF NZSAP 22 JUNE 1998

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Held at Lecture Room AH1, Massey University, Palmerston North.  
President Dorian Garrick declared meeting open 7:10 p.m.

ATTENDANCE Forty three members in attendance. Minute secretary Roland Sumner.

1. APOLOGIES  
Hugh Blair, Tim Harvey, Dave McCall, Sheryl-Anne Newman, Dave Patterson, Geoff Stitchbury, Andrew Sykes, George Wickham. Moved Garrick/Grace Carried.
2. That the 1996 AGM Minutes taken as read. Moved Smith/Nicoll. Carried.
3. MATTERS ARISING  
None
4. PRESIDENTS REPORT  
Key points.
  - Occasional Publication 12 published. Congratulations to John Smith.
  - Pre-published Proceedings available at Conference. Congratulatio to Denis Elvidge.
  - Expansion of Web Site. Thanks to Neville Jopson and John McEwan.
5. PRESIDENTIAL ADDRESS  
"Future goals of the NZSAP, their definition, measurement and ways of achieving them." A summary of the review of the future of the Society undertaken by an original committee consisting of Dorian Garrick, Steve Davis, Tricia Harris and Martin van Houtert. The address provided the basis for proposed changes to the constitution presented later to the meeting.
6. TREASURER'S REPORT  
Presented.  
That accounts as circulated be accepted as a true and accurate record of the financial accounts. Moved Smith/Bray. Carried.  
That to protect cash reserves while meeting planned expenditure to publish Occasional Publications 12 and 14, and further expand the Web Site, the 1999 subscription be increased to NZ\$55.00 (GST incl.) for New Zealand and Australian members, NZ\$27.50 (GST incl.) for Student and Retired members and US\$55.00 for members outside Australasia. Moved Smith/Elvidge. Carried.  
That KPMG be re-appointed as auditors for the Society accounts. Moved S Davis/Grace. Carried.
7. EDITORS REPORT  
Key points.
  - 112 Abstracts submitted, 88 papers published and presented at the Conference.
  - 1998 Presidential Address, Annual Report and Award citations will be included in 1999 Proceedings as activities taking place at the 1998 AGM.That Editor's report be accepted. Moved Elvidge/Smith. Carried.  
Vote of thanks to Denis Elvidge for his services as Editor. Moved Nicoll/Shackell. Carried by acclamation.
8. CHANGES TO CONSTITUTION AND OPERATING GUIDELINES  
Motion 1 (Constitutional change): That the objects of the NZSAP in para 2 items a), b) and c) be replaced with the following objects.  
Item 2 (i)
  - a) To provide an organisation to bring about active collaboration of all those involved in the science of producing food and fibre from livestock.
  - b) To provide an annual meeting for members which will encourage both inter- and intradisciplinary exchange and discussion of findings.
  - c) To assist young people in a manner which develops an interest in the science of food and fibre production from animals.
  - d) To provide visions for the future of animal production in New Zealand.

- e) To promote the value of science in the development of animal production.
- f) To take such action as may be deemed necessary to foster improvement in animal production. Moved Garrick/S Davis.

Opened for discussion.

Amendment 1: That the words “..collaboration of all those..” in item 2(i) a) be replaced with “..collaboration among those..”. Moved Macmillan/Nicol. Carried.

Amendment 2: That the words “..food and fibre from..” in item 2(i) a) be replaced with “..food, fibre and other products from..”. Moved McClay/Peterson. Carried.

Amendment 3: That the words “..from animals.” in item 2(i) c) be deleted. Moved Garrick/Nicol. Carried.

Amended Motion 1 (Constitutional change): That the objects of the NZSAP in para 2 items a), b) and c) be replaced with the following objects.

Item 2 (i)

- a) To provide an organisation to bring about active collaboration among those involved in the science of producing food, fibre and other products from livestock.
- b) To provide an annual meeting for members which will encourage both inter- and intradisciplinary exchange and discussion of findings.
- c) To assist young people in a manner which develops an interest in the science of food and fibre production.
- d) To provide visions for the future of animal production in New Zealand.
- e) To promote the value of science in the development of animal production.
- f) To take such action as may be deemed necessary to foster improvement in animal production. Moved Garrick/S Davis. Carried.

Motion 2 (Addition to Constitution): Add Item 2 (ii)

The President of the Society must report annually on actions taken by the Management Committee to address each of the Society objects. Moved Garrick/S Davis. Carried.

Motion 3 (Constitutional change): That part of para 6 detailing the structure of the Management Committee be deleted and replaced with:-

The affairs of the Society shall be in the hands of a Management Committee consisting of a President, Vice-President, Secretary, Treasurer, Editor of Proceedings, Newsletter Manager, Web Site Manager, Publications Manager and Immediate Past President, all of whom shall be members of the Society. The Committee will co-opt one member as Convenor of the Conference Organising Committee.

“The incoming Management Committee will develop job descriptions for these new portfolios to be presented at the 1999 AGM.” Moved Garrick/S Davis. Carried.

Opened for discussion.

Amendment 1: That the motion be split into two sections with the first paragraph being a constitutional change and the second paragraph a recommendation to the incoming Management Committee. Moved Smith/Nicoll. Carried.

Amendment 2: That the words “..Publications Manager and Immediate Past President, all of whom shall be members of the Society. The Committee will co-opt one member as Convenor of the Conference Organising Committee.” be replaced with “..Publications Manager, Convenor of the Conference Organising Committee and Immediate Past President, each of whom shall be a member of the Society.” Moved Macmillan/Nicoll. Carried.

Amended Motion 3a (Constitutional change): That part of para 6 detailing the structure of the Management Committee be deleted and replaced with:-

The affairs of the Society shall be in the hands of a Management Committee consisting of a President, Vice-President, Secretary, Treasurer, Editor of Proceedings, Newsletter Manager, Web Site Manager, Publications Manager, Convenor of the Conference Organising Committee and Immediate Past President, each of whom shall be members of the Society. Moved Garrick/S Davis. Carried.

Amended Motion 3b (Recommendation to Management Committee): That the incoming Management Committee develop job descriptions for each portfolio and present them for ratification at the 1999 AGM. Moved Smith/S Davis. Carried.

Motion 4 (Operating Guidelines for Management Committee): That the incoming Management Committee forms discipline and production system based special interest groups for a trial period of two years. These groups will have an active role in determining the structure of the Annual Conference and providing expert commentary when necessary on behalf of the Society. Moved Garrick/S Davis. Carried.

Opened for discussion.

Amendment 1: That the words “.. discipline and production system based..” be deleted. Moved Peterson/Smith. Carried.

Amended Motion 4 (Operating Guidelines for Management Committee): That the incoming Management Committee forms special interest groups for a trial period of two years. These groups will have an active role in determining the structure of the Annual Conference and providing expert commentary when necessary on behalf of the Society. Moved Garrick/S Davis. Carried.

Motion 5 (Operating Guidelines for Management Committee): That the draft guidelines for the New Zealand Society of Animal Production Animal Science Awards as circulated in 1997 be formally adopted. Moved Garrick/Smith. Carried.

## 9. ELECTION OF OFFICERS

Nominations received for:-

Immediate Past President	D J Garrick
President	D G Elvidge
Vice President	A R Bray
Secretary	R M W Sumner
Treasurer	J F Smith
Editor of Proceedings	D J Cottle
Newsletter Manager	G K Barrell
Web Site Manager	N B Jopson
Publications Manager	N D Grace

That the nominated persons be elected.

Moved Garrick/S Davis. Carried.

Co-opted Member:

Chairman Conference Committee G H Davis

Vote of thanks to outgoing committee proposed by Dorian Garrick.

## 10. GENERAL BUSINESS

- Request by Jock Macmillan for presenter of LIC Lecture to be annotated as such in Proceedings and on the Web Site.
- Request by Jock Macmillan for listing of all elected Honorary Life Members to be included in Proceedings with the names of those who are deceased to be marked with an asterisk.
- That the request for Alastair Nicol to develop guidelines for a Publications Certificate of Merit be left on the books for Nicol to act. Moved Smith/Sumner. Carried.
- Discussion as to the location and timing of future Conferences.

Meeting adjourned 9:15 p.m. until 23 June 1998 for presentation of Honorary Life Memberships.

Meeting reconvened 7:10 p.m., 23 June 1998 in Lecture Room AH1, Massey University in front of all Conference delegates.

## 11. LIFE MEMBERSHIP

Citation read in support of the nomination of:-

Dudley Cameron Lane for services to the New Zealand Dairy Industry.

Moved Stitchbury/Smith. Carried by acclamation.

Kenneth Eric Jury for services to research and development within New Zealand livestock industries. Moved S I

Meeting closed 7:35 p.m.

## 1999 AGM AGENDA

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The 59th Annual General Meeting of the New Zealand Society of Animal Production Inc. will be held at Holy Cross College, Mosgiel on Monday 28 June at 7:00 p.m.

### *Agenda*

- Apologies
- Minutes from 1998 meeting
- Matters arising
- Presidential report
- Treasurer's report
- Editor's report
- Election of officers
- General business

*Signed: Executive Secretary*

## INDUSTRY REPORT FROM 1998 NZSAP CONFERENCE

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As a postscript to the report on the global strategy of the New Zealand Dairy Board (NZDB) for prioritising and funding research presented at the 1998 conference, Rob Pringle of the Dairying Research Corporation (DRC) has provided the following summary of the NZDB Global Programmes of Research and Development (R&D).

The NZDB organises its R&D portfolio around eighteen global programmes. Each global programme comprises a set of strategies and research projects which contribute to a common industry outcome. Five of the global programmes are directed at milk production, eleven at milk processing and two cover both production and processing.

In July 1997 the DRC was given the responsibility for co-ordinating the farm global programmes on behalf of NZDB. A key feature of this co-ordination is the appointment of Global Programme Leaders. This is a part-time, but important, function for relevant experts from either the dairy or science industries. The leaders for the programmes which cover milk production are:

<i>Programme</i>	<i>Leader</i>	<i>Affiliation</i>
Dairying systems	Dave Clark	DRC
Animal improvement	Rob Jackson	LIC
Reproductive technology	Rob Pringle (acting)	DRC
Animal health and welfare	Lindsay Burton	LIC
Forage and feeding	John Caradus	AgResearch
Milk characteristics	Mike Boland	DRI
Environment	Jim Barnett	DRI

The R&D funding cycle is annual but most projects obviously take place over several years. The final R&D budget is approved in May but most projects are developed in consultation with Programme Leaders over the November-May period. It is important that research providers recognise this consultation process as it also includes a rigorous assessment of the potential economic benefits of each project to the dairy industry. The same process can also be used when providers require dairy industry support when applying for PGSF contracts in the dairying output.

## ANIMAL SCIENCE AWARD REPORTS

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**Tom Barry** Massey University, presented review papers on deer nutrition and production from forage-based diets at the 2nd World Deer Farming Congress in Ireland and the 4th International Deer Biology Congress in Hungary during June and July 1998, respectively. He also spent 5 weeks at the Rowett Research Institute in Scotland and visited animal science departments at universities in Australia (Queensland), Croatia (Zagreb) and Mexico (Queretaro).

**Kerst Stelwagen** AgResearch, Ruakura, attended the combined meeting of the American Dairy Science Association (ASDA) and the American Society of Animal Science (ASAS) which was preceded by the 4th International Workshop on the Biology of Lactation in Farm Animals, all at Denver, Colorado, USA in July 1998. Kerst presented three papers based on the Ruakura studies of distension of mammary glands during filling. He noted research from other centres indicating that there are components of milk lipids which may be

beneficial for human health, such as conjugated linoleic acid which is particularly high in milk of grass fed cows as in New Zealand.

**George Davis** AgResearch, Invermay, presented an invited paper at the 49th annual meeting of the European Association for Animal Production (EAAP) at Warsaw, Poland during August 1998. George was able to bring international attention to the level of work which has been done in New Zealand on specific genes for fertility in sheep and the development of commercial marker tests for them. He also visited the TEAGASC Athenry and Belclare Research Centres in Galway, Ireland where he examined, laparoscopically, ewes which appear to have genetic disorders causing infertility resulting in "streak" ovaries, as occurs in Inverdale sheep.

**Chris Burke** Dairying Research Corporation, Hamilton, attended the combined ASDA/ASAS meeting (see Kerst Stelwagen, above) and the subsequent 5th International Symposium on Reproduction in Domestic Ruminants at Colorado Springs, Colorado, USA during August 1998. He presented two papers on the post partum ovarian manipulation work of the group in Hamilton. Chris also took the opportunity to promote himself as well as the DRC and NZ's dairy industry at Ohio State University (Columbus, Ohio), West Virginia University (Morgantown, West Virginia) and University of Nebraska (Lincoln, Nebraska).

## RECENT GRANT RECIPIENTS

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**Animal Science Award** to Girish Upreti, AgResearch, Ruakura, to attend the International Gordon Conference on "Mechanisms of cell signalling" in Singapore during September 1999.

## ECNZ OTAGO SCIENCE FAIR

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The Otago Science Fair was held in late October last year. There were some animal-related exhibits that generated a lot of interest. At this fair the 'in' topic was *iron*, this position being held by *manuka honey* in the previous year. Exhibits that received NZSAP support were:

Forms 1 & 2 - "How do different wools felt?"; "Fat, fur and furnishings" (this was about temperature regulation); "How do domestic horses behave in new surroundings?" and "Can studying horse manure improve horse management?"

Forms 3 & 4 - "Worms" "Eggs R us"

Form 5 to 7 - "Iron in meat" "Metabolism in liver"; "The irony of it all" (this was some analytical biochemistry).

There were also the usual pet behaviour studies, such as investigating their food preferences, and a report on goat genetics. A highlight was the project which acknowledged help from "Mum" and where the pet dog preferred the least 'healthy' of the diets on offer.

*Grant Shackell*

## WOOL TECHNOLOGY AND SHEEP BREEDING

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This journal, previously published by the University of New South Wales, is now published by the Wool Research Organisation of New Zealand (WRONZ). Members of the New Zealand sheep and wool industries, from farmers to scientists, are invited to subscribe and/or contribute, with original articles dealing with on-farm production, handling, transport, early-stage processing and marketing of wool, and all aspects of sheep breeding and husbandry in Australia and New Zealand. For further details, contact the Editor, Dr David Cottle, WRONZ, Private Bag 4749, Christchurch, New Zealand. Phone 03 325 2421 Fax 03 325 2717 Email [cottle@wronz.org.nz](mailto:cottle@wronz.org.nz)

## UPCOMING EVENTS

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### **Nutrition of Herbivores**, 11-16 April 1999

The 5<sup>th</sup> International Symposium on the Nutrition of Herbivores to be held in San Antonio Texas, is dedicated to an ecological approach to the nutrition of herbivores and will focus on mechanistic concepts of the biological process that comprise nutritional ecology. Further details can be obtained via the website home page (<http://cnrit.tamu.edu/conf/isnh>) or by contacting W.C. Ellis, Department of Animal Science, Texas A&M University, College Station, Texas 77843, USA; Phone USA 409-845 5063; Email [w-ellis@tamu.edu](mailto:w-ellis@tamu.edu). For registration details contact Ms Caroline Adkins, Secretary, 5<sup>th</sup> International Herbivore Symposium, Department of Animal Science, Texas A & M University, College Station, Texas, USA 77843-2471; Phone +1 409 845 5214; Fax +1 409 845 5292; Email [caroline-adkins@ansc.tamu.edu](mailto:caroline-adkins@ansc.tamu.edu)

### **Satellite Symposia:**

- A. **Emerging techniques for studying the nutrition of free-ranging herbivores** (April 10-11) Contact: Dr H Dove, CSIRO Plant Industry, GPO Box 1600, Canberra, ACT 2601, Australia; phone +61 2 6246 5078; fax 61 2 6246 5166; email h.dove@pi.csiro.au or Dr S W Coleman, USDA-ARS Grazing Lands Research Lab, PO Box 1199, El Reno, Oklahoma 73036, USA; Phone +1 405 262 5291; Fax +1 405 262 0133; Email scoleman@ag.gov
- B. **Feeding wild, captive and farmed deer** (April 16-17) Contact Dr James Kroll, Institute for White-Tailed Deer Management & Research, College of Forestry, Stephen F Austin University, PO Box 6109, Nacagdoches, Texas 75962, USA; Email jkroll@sfasu.edu or Dr Gordon Dryden, School of Veterinary Science & Animal Production, The University of Queensland, Gatton, Queensland 4345, Australia; Email GMD@warigal.uq.edu.au

### **Women in Science, 30 June - 2 July 1999**

The Association for Women in the Sciences is holding a conference in Dunedin. Support for this conference from members of NZSAP is urged by the Conference convenor - Lyn Dowson, Department of Biochemistry, University of Otago, PO Box 56, Dunedin. To indicate an expression of interest or intention to attend/contribute, contact Helen Hancox, 79 Mills Rd, Wellington 6002 Fax 04 389 2589.

### **Animal Science and Production, 3-7 July 1999 (Note change of date)**

The 9<sup>th</sup> Animal Science Congress of the Asian Australasian Association of Animal Production Societies is to be held in Sydney in conjunction with the 23<sup>rd</sup> Biennial Conference of the Australian Society of Animal Production. For more information contact Dr Peter Wynn, Department of Animal Science, University of Sydney, PMB3, Camden NSW 2570, Australia; Phone +61 46 55 0232; Fax +61 46 55 2374; Email: peterw@camden.usyd.edu.au For Scientific Programme details contact Dr Geoff Robards, Department of Wool and Animal Science, University of NSW, Sydney, NSW 2052, Australia; Phone +61 2 9385 4494; Fax +61 2 9385 5953; Email g.robards@unsw.edu.au For Registration and Accommodation details contact AAAP/ASAP 2000 Secretariat, c/- Tour Hosts Conference & Exhibition Organiser, GPO Box 128, Sydney, NSW 2001, Australia; Phone +61 2 9262 2277; Fax +61 2 9262 2323; Email aaap/asap2000@tourhosts.co.au

### **Joint AWAC / ANZCCART Conference 18 –19 November 1999**

A conference entitled "Innovation, ethics and animal welfare: Public confidence in science and agriculture" will be held at Te Papa Tongarewa, Museum of New Zealand, Wellington. Further information from Mrs Gill Sutherland, The Royal Society of New Zealand, PO Box 598, Wellington; Phone 04 472 7421; Fax 04 473 1841. Email: Sutherland.g@rsnz.govt.nz See brochure with this newsletter.

## **SPECIAL INTEREST GROUPS**

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The structure of NZSAP has allowed members to have significant input into the affairs of the Society through appointment to the Management committee, the Conference subcommittee, or through voicing their concerns at Annual General Meetings. Participation in the Management or Conference Committees brings along a number of administrative commitments that many members would prefer not to shoulder. At the 1998 AGM, a motion was carried that Special Interest Groups (SIGs) be formed, which will have an active role in determining the structure of the Annual Conference and providing expert commentary on behalf of the Society. Such discipline groups have already existed in an ad-hoc and informal manner, sometimes even arranging meetings to coincide with participation at the NZSAP Annual Conference.

Participation in one or more SIGs is not compulsory and many of our 500 members are not expected to take up this option. However, those active scientists, who wish to contribute to the development of the Society, but without the additional demands associated with the management committee, are invited to consider championing a SIG. The topics of the SIGs are expected to change with time as new topics gain interest and old topics lose momentum. At the 1998 Conference a significant group formed to hold a symposium on voluntary food intake – such a group could have undertaken these activities as a SIG. Other SIGs of current or past interest might include global warming, feeds and feeding, extension, once-daily milking, animal welfare, sheep crossbreeding, genomics, transgenics, genetically-modified food, internal parasites, reproduction etc. It is expected that members rather than management committee will drive the formation of SIGs. Please give thought to those SIGs that you might contribute to so that we can further develop this concept during the 1999 Annual Conference.

*Dorian Garrick*

## NZSAP Occasional Publication #12

### 'Reproductive Management of Grazing Ruminants in New Zealand'

Edited by E. D. Fielden and J. F. Smith

Substantial knowledge from New Zealand based research on managing reproductive performance within the herd or flock is a key element to the improved efficiency of New Zealand farming systems.

This knowledge is drawn together within this publication .

A multi-author approach has been used and all authors are experts in their particular field.

This publication of 220 pages contains chapters on:-

*Hormonal Control of the Reproductive Processes; Comparative Reproductive Performance; Seasonal Factors Influencing Reproductive Management; Modifying Reproductive Processes; Reproductive Management of Dairy Cattle; Sheep; Beef Cattle; Deer; Goats; Camelids; Monitoring Reproductive Performance as an Aid to Management; Future Developments in Reproductive Technology for Livestock Species;* and has been aimed at all those with a serious interest in the efficient reproductive management of domestic ruminants in New Zealand.

Prices including postage and packaging are:-

New Zealand	<b>NZ \$30.00</b> (inclusive of GST);
Australia	<b>AUS \$30.00;</b>
Other countries	<b>US \$30.00.</b>

### **\*\* SPECIAL OFFER \*\***

The NZSAP is offering a special package deal of:-

Occ. Pub. # 11 "Meat Production and Processing"

**plus**

Occ. Pub. # 12 "Reproductive Management of Grazing Ruminants in NZ"

**plus**

Occ. Pub. # 13 "Labcoats to Gumboots"

**NZ\$50** (Australia, NZ and Pacific)

**US\$50** (Rest of The World)

*This is a saving of \$25*

Orders to: New Zealand Society of Animal Production,  
C/- AgResearch,  
Ruakura Research Centre,  
Private Bag 3123,  
Hamilton ,  
New Zealand  
Email: nzsap.animal@xtra.co.nz

Details of all publications available can be seen on the Societies Web site at <http://nzsap.rsnz.govt.nz/>

## ANNUAL SUBSCRIPTIONS AND MEMBERSHIP

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### \*\* MEMBERSHIP FEES \*\*

#### **Members: The 1999 annual subscription is now due!**

For full members from New Zealand and Australia the fee is NZ\$55.00 ( reduced to NZ\$ 27.50 for students and retired members). Members residing overseas (except Australia) pay US\$55.00.

A personal membership fee invoice is enclosed with this newsletter.

Please return this form with your payment. Students must have the form signed by their academic supervisor.

### \*\* CREDIT CARD PAYMENT \*\*

NZSAP now has the facilities to accept payment via credit cards.

#### **VISA and MASTERCARD** only.

This can be done by submission of the **Name** on the card; card **Number**; card **Type** and card **Expiry Date** by either mail, fax, or E-mail to the NZSAP Executive Secretary detailing what and who the payment is for and including contact postal addresses and phone/fax numbers etc.

**CARD SWIPE** facilities for these two cards also exist and will be available at future meetings.

Payment by Electronic transfer is also available to some clients. These are only accepted under strict conditions. Please contact Lynne Smith for further details)

**Non-members:** An invitation is extended to those involved in the field of Animal Production to apply for membership in the New Zealand Society of Animal Production. The Society is concerned with all aspects of Animal Production and in particular:

- promoting communication and collaboration between those involved in animal production;
- promoting the application of sound practices in animal production;
- promoting the scientific study of animal production;
- holding a regular conference as a forum for presentation of technical and applied topics in animal production; and
- publishing conference proceedings and other occasional publications relevant to animal production.

### MANAGEMENT COMMITTEE

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The current Management Committee is:

		Phone	Fax	E-mail	Location
PRESIDENT	Denis Elvidge	03 325 3803	03 325 3851	elvidged@lincoln.ac.nz	Lincoln University
VICE-PRESIDENT	Andy Bray	03 325 6900	03 325 2946	braya@agresearch.cri.nz	AgResearch Lincoln
PAST-PRESIDENT	Dorian Garrick	06 350 5103	06 350 5699	d.garrick@massey.ac.nz	Massey University
SECRETARY	Roland Sumner	07 838 5272	07 838 5117	sumnerr@agresearch.cri.nz	AgResearch Ruakura
TREASURER	John Smith	07 838 5533	07 838 5658	smithj@agresearch.cri.nz	AgResearch Ruakura
EDITOR	David Cottle	03 325 2421	03 325 2717	cottle@wronz.org.nz	WRONZ Lincoln
NEWSLETTER	Graham Barrell	03 325 3803	03 325 3851	barrell@lincoln.ac.nz	Lincoln University
PUBLICATIONS	Neville Grace	06 356 8015	06 351 8003	gracen@agresearch.cri.nz	AgResearch Grasslands
WEB SITE	Neville Jopson	03 489 3809	03 489 9038	jopsonn@agresearch.cri.nz	AgResearch Invermay
CONFERENCE	George Davis	03 489 9188	03 489 9024	davisg@agresearch.cri.nz	AgResearch Invermay
EXEC. SEC	Lynne Smith	07 856 9150	07 856 9150	nzsap.animal@xtra.co.nz	AgResearch Ruakura
MAIL ADDRESS	Executive Secretary, New Zealand Society of Animal Production, AgResearch Ruakura, Private Bag 3123,Hamilton.				

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An electronic version of this newsletter and other information on the Society is available at:  
<http://nzsap.rsnz.govt.nz/>

Any contributions to the Newsletter should be forwarded to:

Graham Barrell, Animal & Food Sciences Division, P.O. Box 84, Lincoln University, Canterbury.

Email: [barrell@lincoln.ac.nz](mailto:barrell@lincoln.ac.nz)

# NZSAP 1999 ANNUAL CONFERENCE REGISTRATION \_\_\_\_\_

**Keep this copy for your records.**

GST No 17 722 670 (This is not a tax invoice until payment is made). Registrations will not be confirmed by mail but receipts will be issued at the Conference.

Name \_\_\_\_\_ First name for badge \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ Email \_\_\_\_\_

## CONFERENCE AND ACCOMMODATION FEE SCHEDULE (GST inclusive)

<b>Conference fees</b>					
<b>Full conference</b>				\$100	\$
OR					
<b>Daily rate</b> (Tick appropriate days)				\$50/day	
	Mon	Tues	Wed	Thurs	
<b>Accommodation and meals</b> (Tick days required and complete appropriate subtotal)					
<b>Accommodation</b> (bed, breakfast & dinner)				at \$40/day	\$
	Mon	Tues	Wed		
<b>Lunches</b>				at \$10/day	\$
	Mon	Tues	Wed	Thurs	
Annual dinner (Wednesday)				at \$50/head	\$
<b>Subscription fee</b>					
Members (Conference attendees)		NZ\$55 (student or retired NZ\$27.50)			
Non-members for pre-published Proceedings				NZ\$55	\$
<b>Fees enclosed</b>				<b>TOTAL</b>	\$
Please make cheques payable to <b>Mosgiel Conference</b>					
<b>Address:</b> Mr Syd Duncan, AgResearch, Invermay Agricultural Centre, Private Bag 50034, Mosgiel. <b>Registrations are due by Friday 14 May 1999</b>					



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