



National Animal Welfare Advisory Committee

Annual Report

1 January to 31 December 2010

National Animal Welfare Advisory Committee
C/o Ministry of Agriculture and Forestry
PO Box 2526
Wellington 6140
New Zealand

ISSN 1178-976X (print)
ISSN 1178-9778 (online)

April 2011

NAWAC
National Animal Welfare Advisory Committee

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1 Chairman's comment

The past year has been a very busy one for NAWAC. As addressed later in this report, one revised code and four new codes were issued during the year. Work proceeded on the development of two new and two revised codes and there are several more codes under development. The reviews of the pig and poultry codes were particularly challenging as these involved very significant changes in current industry practices.

All the new codes released during the year were the result of several years work by past members of NAWAC and reflected the quality and care of their deliberations as well as the input of current committee members.

During 2010 the committee had two new members, Barbara Nicholas and Sue Brown. Sue replaced Peggy Burrows who retired after serving a three year term. In addition Don Nicholson was reappointed for a further three years. NAWAC is extremely well served by a balanced though diverse range of experience and expertise amongst its members in line with the requirements of the Act. This expertise has been particularly helpful as the Committee has worked through the often contradictory practical, scientific, economic and ethical issues relating to the pig code review.

I would like to acknowledge the careful and thoughtful contributions from all NAWAC members as we have worked through these challenging issues.

NAWAC continues to be very well supported by the expertise and dedication of the staff within the Animal Welfare Directorate of MAF. Without their huge support as well as further support from MAF policy staff, our year's work would not have been achievable.

Finally I would like to acknowledge the support of the Minister. He has greatly encouraged the Committee in its work and has been most supportive of NAWAC's recommendations.



Dr John Hellström
Chair

2 The Committee

2.1 Legal status of the Committee

NAWAC is a ministerial advisory committee established under the Animal Welfare Act 1999. The Animal Welfare Act 1999, which sets core obligations on those responsible for the care of animals, came into force on 1 January 2000 and has been amended by Animal Welfare Amendment Acts in 2000, 2001, 2002, 2005 and 2010.

2.2 Functions

The functions of NAWAC, as set out in section 57 of the Animal Welfare Act, are to:

- advise the Minister of Agriculture on any matter relating to the welfare of animals in New Zealand, including legislative proposals concerning the welfare of animals and areas where research into the welfare of animals is required;
- make recommendations to the Minister relating to manipulation of animals and surgical procedures to be performed on animals;
- advise the Minister in relation to whether particular traps or devices should be declared prohibited or restricted, and any conditions that should be attached to the sale or use of any restricted trap or device;
- make recommendations to the Minister concerning the issue, amendment, suspension, revocation and review of codes of welfare; and
- promote, and assist other persons to promote, the development of guidelines in relation to the use of traps or devices or both and the hunting or killing of animals in a wild state.

2.3 Legal requirements and selection of appointees

NAWAC consists of a chairperson, the National Animal Ethics Advisory Committee (NAEAC) chairperson, and up to nine other members with knowledge and experience in:

- veterinary science;
- agricultural science;
- animal science;
- the commercial use of animals;
- the care, breeding and management of companion animals;
- ethical standards and conduct in respect of animals;
- animal welfare advocacy;
- the public interest in respect of animals;
- environmental and conservation management; and
- any other area the Minister considers relevant.

Members are appointed to NAWAC by the Minister after consideration by the Cabinet Appointments and Honours Committee and the Cabinet. Appointments are generally for a three-year term, although members may be reappointed for a second term and, in exceptional circumstances, a third. Members serve in their personal capacity and not as representatives of their employer or nominating body.

2.4 Membership

Members	Expiry of Appointment
Dr John S Hellström BVSc, PhD, Director Biosecurity Ltd (independent chairman)	31.10.12
Dr Kathryn B Bicknell BSc, PhD, senior lecturer in economics, Lincoln University (independent appointment)	31.10.12
Ms Susan E Brown CA, BBS, Chartered Accountant (nominated by the Ministry of Women's Affairs)*	31.10.13
Mrs Margaret (Peggy) A Burrows JP, MA (Hons), BEd, Dip Tchg, TTC, secondary school principal (nominated by Ministry of Women's Affairs)*	31.10.10
Mr Hilton E Collier BAgSc, Registered Farm Management Consultant (nominated by Te Puni Kokiri)	31.10.12
Dr Philip E Cowan BSc (Hons), PhD, Science Leader Pest Control Technologies, Landcare Research NZ Ltd (nominated by Landcare Research NZ Ltd)	31.10.11
Dr Barbara Nicholas BSc, BD, Dip Tch, PhD, ethicist (independent appointment)*	31.10.12
Mr Donald O Nicolson farmer, National President Federated Farmers of New Zealand (nominated by Federated Farmers of New Zealand)*	31.10.13
Dr Karen M Phillips BVSc, MACVSc, veterinarian (nominated by New Zealand Veterinary Association)	31.10.11
Mrs Jenifer M Prattley National Vice-President Royal New Zealand Society for the Prevention of Cruelty to Animals (nominated by Royal New Zealand SPCA)	31.10.12
Dr David R Scobie BAgSc (Hons), PhD, scientist (nominated by New Zealand Society of Animal Production)	31.10.12
Dr Virginia M Williams BVSc, MACVSc, DipProfEthics (chairperson of NAEAC)	31.10.12

* Mrs Peggy Burrows retired from the Committee on 31 October 2010 and was replaced by Ms Sue Brown. Dr Barbara Nicholas was appointed to the Committee in May 2010. Mr Donald Nicholson was reappointed for a second term on the Committee.

2.5 Deputy chairperson

Mr Hilton Collier served as deputy chairperson for 2010.

2.6 Secretariat

Ms Joanna Tuckwell served as Secretary of NAWAC for 2010. Dr Cheryl O'Connor, Dr Kate Littin, Ms Kirsty Grant, Ms Linda Carsons, Ms Paula Lemow, Dr Nicki Cross and Mrs Margaret Handscomb of MAF also provided excellent support and assistance to the Committee.

2.7 Fees

The daily fee for members was \$400 (\$550 for the chairperson). This fee is paid for attending meetings plus preparation time. Members are also reimbursed for travelling expenses. In addition, the chairperson and, on occasion, other members may be paid additional fees for representing the Committee at other meetings, including a large amount of subcommittee work in developing codes of welfare, or for carrying out significant extra work on the Committee's behalf. The following table shows fees paid in 2010.

Member	Fees paid during 2010 (gross)
J Hellström ¹	\$21,381.25
K Bicknell	\$3,200.00
S Brown	Nil
P Burrows	Nil
H Collier	\$4,400.00
P Cowan ²	\$4,400.00
B Nicholas	\$1,600.00
D Nicolson	Nil
K Phillips	\$3,400.00
J Prattley	\$3,400.00
D Scobie	\$3,200.00
V Williams	\$3,200.00

- 1 The Chairman undertook extensive liaison with animal welfare, industry and other groups, and with MAF, regarding the writing and content of draft codes of welfare and regarding other NAWAC business, in addition to preparing for and conducting formal NAWAC meetings and special meetings.
- 2 Dr Cowan's fees were paid directly to his employer as recompense for time lost from his primary employment.

2.8 Operations

2.8.1 Meetings

NAWAC holds four ordinary meetings per year. Attendance at the ordinary meetings for 2008-2010 is shown below. Additional subcommittee meetings were held to consider codes of welfare.

Member	20/02/08	21/05/08	20/08/08	19/11/08	10/03/09	20/05/09	19/08/09	25/11/09	24/02/10	18/05/10	18/08/10	17/11/10
P O'Hara	•	•	•	•	•	•	•	-	-	-	-	-
J Hellström	-	-	-	-	-	-	•	•	•	•	•	•
K Bicknell	-	-	-	-	-	-	-	•	•	•	•	•
S Brown	-	-	-	-	-	-	-	-	-	-	-	-
P Burrows	x	x	x	•	•	•	x	•	•	•	•	x
H Collier	•	•	•	•	•	•	•	•	•	•	•	•
P Cowan	•	•	•	•	•	•	x	•	•	•	•	•
S Dobbinson	•	•	•	-	-	-	-	-	-	-	-	-
J Martin	•	•	•	•	•	•	•	-	-	-	-	-
B Nicholas	-	-	-	-	-	-	-	-	-	•	•	•
D Nicholson	•	•	•	x	•	•	•	•	•	•	•	x
K Phillips	-	-	-	•	•	•	•	•	•	•	•	•
R Poland	•	•	•	•	•	•	-	-	-	-	-	-
J Prattley	•	•	•	•	•	•	•	•	•	•	•	•
B Ross	•	•	•	•	•	•	x	-	-	-	-	-
D Scobie	-	-	-	-	-	-	-	•	•	•	•	•
G Verkerk	•	•	•	•	•	•	•	-	-	-	-	-
V Williams	-	-	-	-	-	-	-	•	•	•	•	•

• Present, x Absent, - Not applicable

2.8.2 NAWAC guidelines

NAWAC has, from time to time, prepared non-binding guidelines to assist in its activities. These outline the approach NAWAC takes, and provide guidance for members working through complex and contentious issues. A review of the guidelines was initiated during 2010 and will be completed in 2011. See appendix 2 for a full list of completed NAWAC guidelines.

2.8.3 Annual reports

An annual report detailing NAWAC's activities is published each year (see appendix 2).

Copies may be obtained from:

The Secretary
National Animal Welfare Advisory Committee
PO Box 2526
Wellington 6140

Email nawac@maf.govt.nz

The annual report is also available on the internet at:

<http://www.biosecurity.govt.nz/regs/animal-welfare/pubs/annual-reports-and-newsletters>

3 Codes of Welfare

3.1 Process for development of the codes and consultation

The formal process for the development of codes of welfare includes:

- the preparation of a draft code by the Minister, NAWAC or any other person (usually this is undertaken by a group of people with knowledge of the species of animal, and its care and management);
- consultation with representatives of the persons likely to be affected by the code;
- consideration of the code by NAWAC to ensure that:
 - it complies with the purposes of the Act;
 - it is clearly written so as to be readily understood; and
 - persons likely to be affected by it have been consulted;
- public notification and invitation for submissions on the draft code;
- finalisation of the code by NAWAC having regard to:
 - the submissions received;
 - any consultations undertaken;
 - good practice and scientific knowledge in relation to the management of the animals;
 - available technology; and
 - any other relevant matters;
- in exceptional circumstances – having regard to the feasibility, practicality and economic effects of changing from current to new practices, and the requirements of religious and cultural practices – NAWAC may recommend minimum standards that do not comply with the general requirements of the Act (see section 73(3));
- NAWAC may undertake a second consultation process, giving interested groups an opportunity to comment on any proposed changes to the draft and/or to present any new information; and
- recommendation of the code to the Minister, with NAWAC's report setting out the reasons for the recommendation and the nature of any significant differences of opinion.

The Minister may make any changes to the code, issue it by a notice in the Gazette, refer it back to NAWAC or decline to issue it.

3.2 New codes of welfare

Four new codes of welfare were issued during the year: the dairy cattle code (19 February), the commercial slaughter code (28 May), the dogs code (11 June) and the sheep and beef cattle code (25 June).

Other codes in various stages of development include:

- The code for the transportation of animals in New Zealand – results from the public consultation were reviewed by NAWAC, and the code and its report were peer-reviewed by an overseas consultant. It is anticipated that the code will be recommended to the Minister in early 2011.
- The draft code for goats – this was released for public consultation and results were considered by NAWAC. It is anticipated that the code will be recommended to the Minister in mid-2011.
- The draft code for camelids - it is anticipated that public consultation will take place in mid-2011.
- The draft code for temporary housing of companion animals (including boarding establishments) – this was submitted to NAWAC in November 2010, but public consultation is not likely until 2012.
- Codes under development but yet to be submitted to NAWAC include a code for animals at saleyards and a code for equines.

3.3 Revised codes of welfare

Once again, the review of the pig code was a major focus for NAWAC, and was undertaken against a background of considerable pressure focused particularly on the housing of pregnant and lactating sows. Following a threat of legal action by New Zealand Pork, NAWAC resolved to undertake further pre-consultation on the draft code as well as MAF Biosecurity New Zealand's draft economic analysis, with New Zealand Pork, the New Zealand Veterinary Association and the SPCA before releasing the documents for public consultation. Following consideration of submissions from these groups, the draft code and economic analysis were released for public consultation in March 2010. Submissions were reviewed and the revised code was peer-reviewed by an international consultant prior to its release in December 2010. Minimum standards within the code now restrict the use of dry sow stalls to no more than four weeks after mating between 3 December 2012 and 3 December 2015, after which period sows must not be confined in dry sow stalls after mating.

The meat chicken (broilers) code was released for public comment, with consultation closing on 8 November. Submissions are under consideration by NAWAC and it is anticipated that the revised code will be submitted to the Minister in mid-2011.

Review of the layer hen code and associated economic analyses continued in 2010 in association with the Egg Producers Federation. The draft revised layer hen code is expected to be released for public consultation in early 2011.

3.4 Code amendments

Amendment of the code for painful husbandry procedures to consider dubbing of game fowls, mulesing and deleveting is under development and is expected to be released for public consultation in the second half of 2011.

An investigation into welfare issues arising out of the long-term housing of dairy cattle was initiated during 2010 and may result in amendment of the dairy cattle code of welfare.

3.5 Codes of recommendations and minimum standards

The Animal Welfare Advisory Committee (AWAC) codes of recommendations and minimum standards remain as voluntary codes. These codes are progressively being reviewed and replaced by codes of welfare. Where a code of welfare has been issued, it supersedes any information that may be contained in the corresponding code of recommendations and minimum standards. Those codes of recommendations and minimum standards which have yet to be reviewed are listed in appendix 1.

3.6 Publication and availability

Published codes are available from MAF. A number of copies are issued free of charge to groups affected by the code and to key organisations (for example, the Royal New Zealand SPCA, Federated Farmers of New Zealand and the New Zealand Veterinary Association). See appendix 1 for a full list of published codes of welfare and codes of recommendations and minimum standards.

Codes are available from:

Animal Welfare Standards Directorate

MAF

PO Box 2526

Wellington 6140

New Zealand

Telephone 04 894 0915

Facsimile 04 894 0747

Email animalwelfare@maf.govt.nz

A charge may be made for bulk orders. Codes are not protected by copyright and may be photocopied.

Most codes, including all new codes when they are issued, are available on the internet at:

<http://www.biosecurity.govt.nz/regs/animal-welfare/stds/codes>

4 Other Issues for the Year

4.1 Long-term housing of dairy cattle

When the dairy cattle code of welfare was issued in February, the Minister of Agriculture asked NAWAC to investigate indoor housing of dairy cattle, to explore whether this relatively new practice required any amendment to the code.

In response, NAWAC sought funding to contract expert advice on the animal welfare risks posed by intensive dairy farming. DairyNZ and MAF agreed to jointly fund a major review, to be undertaken by a research group coordinated by DairyNZ and led by Dr Gwyn Verkerk. The research was begun in 2010 and is expected to be completed in the first half of 2011. At the May NAWAC meeting, which took place in Timaru, members of the committee visited two South Canterbury dairy farms using indoor housing. NAWAC will use this visit along with the DairyNZ review in its considerations during 2011.

4.2 Shechita slaughter

The code of welfare for commercial slaughter was issued by the Minister in May and contained no exemption from pre-slaughter stunning for shechita slaughter. Representatives of the Auckland and Wellington Jewish communities filed an application for judicial review of the Minister's decision. As part of the legal challenge, an interim order to permit a limited amount of shechita slaughter of poultry and sheep (only for domestic consumption and at similar levels to those in place before the issue of the code) was allowed pending resolution of the substantive proceedings. Subsequently, a settlement was agreed to allow limited numbers of poultry to continue to be slaughtered by the shechita method for consumption in New Zealand and an amendment to the code was issued on 16 December. Discussion about the use of shechita slaughter of sheep is ongoing.

4.3 Mulesing

The New Zealand merino industry made a proactive decision to end the practice of mulesing in New Zealand by the end of 2010. To that end they ran a series of workshops through the year on alternatives to the procedure, three of which (Awatere, McKenzie and Alexandra) were attended and addressed by NAWAC members Drs John Hellström and David Scobie. They reported that the (majority) industry position, together with research funded through the Sustainable Farming Fund, strongly supported giving priority to amending the painful husbandry procedures code to reflect the New Zealand industry's decision to cease mulesing. The painful husbandry procedures code is at present under review, and mulesing will be included in the revised version (see 3.4).

5 Research

5.1 Operational research

In order to provide sound information for policy development and to underpin the activities of government departments, MAF commissions operational research in areas where there is a lack of suitable information. Since 1993, more than 100 animal welfare research projects have been funded (see previous reports and <http://www.biosecurity.govt.nz/animal-welfare/nawac/papers/operational-research.htm> for details).

Three projects completed during 2010 are:

- **AgResearch Ltd and Massey University** – Pain relief during painful husbandry procedures in livestock.
- **Landcare Research and Massey University** – How humane are our vertebrate pest control tools? This used a framework developed in Australia and included a project on assessment of the humaneness of alternatives to chloropicrin for rabbit control.
- **Innovation Dynamics Ltd** – Can New Zealand develop a tissue-bank or tissue-sharing system to reduce animal use in research, testing and teaching?

Projects due to be completed in 2010/11:

- **Kotare Bioethics Ltd** – Optimum time for pre-transport standing off green feed and impact on the welfare of sheep and beef cattle.
- **AgResearch Ltd** – A survey of the incidence and causes of lameness in New Zealand broiler chickens.
- **DairyNZ** – An animal welfare risk assessment of housing systems for dairy cattle.
- **Synovate** – Public attitudes to animal welfare.

Reports for all research are available on request from animalwelfare@maf.govt.nz and will be available online in the future, at www.biosecurity.govt.nz/animal-welfare

5.2 Sustainable Farming Fund

The Sustainable Farming Fund, which is administered by MAF, supports projects that contribute to the ongoing economic, environmental and social wellbeing of the country's primary producers.

Animal welfare projects completed during 2010 are:

- **New Zealand Pork Industry Board** – validation of an on farm welfare assessment protocol for pigs

Animal welfare research projects due to be completed in 2010/11:

- **Egg Producers Federation** – evaluation of furnished cage systems for the New Zealand egg market; and
- **New Zealand Pork Industry Board** – sustainable dry sow housing and management.

5.3 Research priorities

Animal welfare science can contribute to enhancing animal welfare in many areas. The topics described below were identified as being NAWAC's highest priorities following a comprehensive survey completed in 2007. All relate to issues in the development or review of codes of welfare which are, or are likely to be, contentious. NAWAC will actively pursue funding for these topics, some of which are already being addressed through industry initiatives. They are:

- the welfare and performance of New Zealand broilers compared with international standards;
- comparison of current cage systems with alternative cage (including enriched) and non-cage systems for layer hens;

- the wider use of pain relief when undertaking painful husbandry procedures;
- aggression in sows, especially following mating, and ways to manage it through feeding and housing systems, genetic improvement and stockmanship;
- body condition score of dairy cattle and the point at which welfare is compromised and suffering occurs;
- objective assessment of animal welfare outcomes including determining the key measures, monitoring animals, and assessing compliance and performance; and
- humane slaughter methods for crabs, rock lobsters, crayfish and eels.

6 Communications

6.1 The Minister

Minister Carter addressed the August NAWAC meeting, and, recognising the committee's extremely heavy workload, thanked committee members for their contribution. NAWAC Chair Dr John Hellström met with the Minister in August to update him on NAWAC's work, and again in November.

Both the Minister and Dr Hellström were present for the launch of both the dairy and pig codes.

6.2 Welfare Pulse

The MAF publication, *Welfare Pulse*, incorporating news of NAWAC activities, was published three times in 2010 (see appendix 2). Feature articles by NAWAC members and support staff included:

- NZ Veterinary Association Animal Welfare Strategy (V Williams, March)
- Protecting pets from leg-hold traps (K Littin, March)
- Mulesing – a welfare milestone in 2010 (D Scobie, July)

The magazine also noted the awarding of Membership of the New Zealand Order of Merit to former NAWAC Chair, Dr Peter O'Hara, for services to animal health and welfare.

6.3 Conferences

NAWAC members, and members of NAWAC's secretariat, attended – and in many cases gave presentations at – the following conferences and meetings in 2010:

- RSPCA Australia Scientific Seminar "Convergence or conflict: Animal welfare in wildlife management and conservation", Canberra, Australia, February;
- Island Invasives: Eradication and Management Conference, Auckland, February;
- North American Vertebrate Pests Conference, Sacramento, USA, February;
- 5 Nations Beef Conference, Kerikeri, February;
- Trans-Tasman Animal Welfare Committee, Launceston, Australia, February;
- Animal Behaviour and Welfare Consultative Committee (ABWCC), Auckland, March;
- DairyNZ Animal Welfare Advisory Group meeting, Hamilton, March;
- SPCA Conference, Rotorua, April;
- Pan-Pacific Veterinary Conference, Brisbane, Australia, May;
- OIE (World Organisation for Animal Health) General Session, Paris, France, May;
- European Commission/New Zealand Animal Welfare Co-operation Forum, Brussels, Belgium, May;
- 9th Meeting of the OIE Animal Welfare Working Group, Paris, France, June;
- Association of Rural Veterinary Practitioners, Wellington, June;
- WSPA disaster training, Taupo, June;
- New Zealand Society of Animal Production, Palmerston North, June;
- Australian College of Veterinary Scientists "Science Week", Gold Coast, Australia, July;
- Australian Society of Animal Production, Armidale, Australia, July;
- ANZCCART Conference, Hobart, Australia, July;
- Trans-Tasman Animal Welfare Committee, Darwin, Australia, August;
- New Zealand Agricultural and Resource Economics Society Conference, Nelson, August;
- AWSC Alternative Farrowing Systems seminar, Melbourne, Australia, September;
- Compassionate Conservation Symposium, Oxford, United Kingdom, September;

- Australasian Veterinary Poultry Association meeting, Christchurch, October;
- New Zealand Companion Animal Council Conference, Christchurch, October;
- Animal Behaviour and Welfare Consultative Committee (ABWCC), Wellington, October;
- International Society for Applied Ethology (ISAE) Regional Conference, Auckland, October;
- 1st International Transdisciplinary Congress on Fauna Protection, Goiana, Brazil, October;
- Technical Large Animal Emergency Rescue Course, Victoria, Australia, November;
- MAF Biosecurity Research Forum, Wellington, November;
- EU Better Training for Safer Food Training Course, Istanbul, Turkey, November
- QUADS Animal Welfare Working Group, Canada, November;
- 4th Meeting of the OIE Laboratory Animal ad hoc Group, Paris, France, December;
- The Netherlands/NZ Animal Welfare Liaison Meeting, The Hague, Netherlands, December;
- DEFRA/MAFNZ Animal Welfare Liaison Meeting, London, United Kingdom, December; and
- MAFNZ/International Egg Commission Meeting, London, United Kingdom, December.

6.4 Liaison with other bodies

6.4.1 National Animal Ethics Advisory Committee

NAEAC deals with ethical and animal welfare issues with regard to research, testing and teaching involving animals. NAWAC continues to maintain a close association with NAEAC, ensuring familiarity with the activities of the two committees (the chairperson of NAEAC is an ex officio member of NAWAC).

6.4.2 Others

Throughout the year one or more NAWAC members, or officers of MAF Animal Welfare Directorate acting on behalf of NAWAC, also liaised with a wide network of organisations, including government departments, NGOs, producer boards, private researchers and companies, to ensure that NAWAC had up-to-date information to enhance its decision making.

7 Strategic and Operational Plans

The Committee's strategic plan for 2007-2011 was updated in March 2009. A review of the plan is to be conducted in early 2011 in conjunction with consideration of the operational plan for 2010.

Most items on the operational plan for 2010 were accomplished, with outstanding items transferred to the 2011 operational plan where appropriate.

NAWAC continues to develop strategies to raise the profile of animal welfare, and codes of welfare, with a view to publicising the development of draft codes and ensuring their acceptance. Aligned with this is a specific communications strategy incorporating stakeholder feedback on the most effective means of communication. It is intended to review this strategy in early 2011 in conjunction with consideration of the operational and strategic plans.

8 Animal Welfare Infrastructure in New Zealand

A variety of individuals and groups have an interest in the welfare of animals in New Zealand. The organisations with formal input into animal welfare policy and practice are summarised in the diagram below. In addition to these groups, members of the public provide input into codes of welfare through the consultation process.



Appendix 1

Published codes

Codes of Welfare	Publications year
Broiler Chickens: Fully Housed	2003
Commercial Slaughter	2010
Companion Cats	2007
Circuses	2005
Dairy Cattle	2010
Deer	2007
Dogs	2010
Layer Hens	2005
Painful Husbandry Procedures	2005
Pigs	2010
Rodeos	2003
Sheep and Beef Cattle	2010
Zoos	2005
Codes of Recommendations and Minimum Standards	
Care of Animals in Boarding Establishments	1993
Emergency Slaughter of Farm Livestock	1996
Sale of Companion Animals	1994
Sea Transport of Sheep from New Zealand	1991
Welfare of Animals at Saleyards	1995
Welfare of Animals Transported within New Zealand (amended in 1996 and 1998)	1994
Welfare of Deer During the Removal of Antlers (amended in 1994 and 1997)	1992
Welfare of Horses	1993
Welfare of Ostrich and Emu	1998

Appendix 2

Other publications

Guidelines	Publication date
Welfare of Livestock from which Blood is Harvested for Commercial and Research Purposes (NAEAC guideline)	March 2009
Welfare of Red and Wapiti Yearling Stags During the Use of Rubber Rings to Induce Analgesia for the Removal of Spiker Velvet (AWAC guideline)	September 1998
Welfare of Yearling Fallow Deer During the Use of Rubber Rings to Prevent Antler/Pedicle Growth (AWAC guideline)	September 1997
MAF Policy Guides to the Animal Welfare Act	
Guide to the Animal Welfare Act 1999	December 1999
Guidelines for Writing Codes of Welfare	June 2009
The Use of Animals in Research, Testing and Teaching – Users Guide to Part 6 of the Animal Welfare Act 1999	May 2000

NAWAC Guidelines

No.	Title	
1	Approach to the consideration of draft codes of welfare	October 2004
2	Dealing with practices which might be inconsistent with the spirit of the Animal Welfare Act	October 2004
3	Setting minimum standards where section 73(3) applies	October 2004
4	Process for the development of codes of welfare	November 2006
5	Role of science in setting animal welfare standards	October 2004
6	Wider issues relevant to setting minimum standards	November 2004
7	Taking account of societal expectations, technical viewpoints and public opinion	December 2004
8	Justifying animal welfare trade-offs	December 2004
9	Assessing the welfare performance of restraining and kill traps	June 2005
10	Phasing out one animal management system in favour of another	September 2005
11	Principles of consultation	February 2006

Annual Reports

- 1990 Annual Report
- 1991 and 1992 Annual Report
- 1993 Annual Report
- 1994 Annual Report
- 1995 Annual Report
- 1996 Annual Report
- 1997 Annual Report
- 1998 Annual Report
- 1999 Annual Report
- 2000 Annual Report
- 2001 Annual Report
- 2002 Annual Report
- 2003 Annual Report
- 2004 Annual Report
- 2005 Annual Report
- 2006 Annual Report
- 2007 Annual Report
- 2008 Annual Report
- 2009 Annual Report

AWAC News / NAWAC News

- Issue 1 – December 1997
- Issue 2 – December 1998
- Issue 3 – July 2000
- Issue 4 – May 2001
- Issue 5 – February 2002
- Issue 6 – November 2002
- Issue 7 – August 2003
- Issue 8 – December 2004
- Issue 9 – May 2006
- Issue 10 – November 2007
- Issue 9 [sic] – December 2008

Welfare Pulse

- Issue 1 – March 2009
- Issue 2 – July 2009
- Issue 3 – December 2009
- Issue 4 – March 2010
- Issue 5 – July 2010
- Issue 6 – November 2010
- Issue 7 – March 2011