

# codex alimentarius commission



FOOD AND AGRICULTURE  
ORGANIZATION  
OF THE UNITED NATIONS

WORLD  
HEALTH  
ORGANIZATION



---

JOINT OFFICE: Viale delle Terme di Caracalla 00100 ROME Tel: 39 06 57051 www.codexalimentarius.net Email: codex@fao.org Facsimile: 39 06 5705 4593

**ALINORM 01/38**

**JOINT FAO/WHO FOOD STANDARDS PROGRAMME  
CODEX ALIMENTARIUS COMMISSION**

**Twenty-fourth Session**  
*Geneva, Switzerland, 2-7 July 2001*

**REPORT OF THE 1<sup>ST</sup> SESSION OF THE *AD HOC* INTERGOVERNMENTAL  
CODEX TASK FORCE ON ANIMAL FEEDING**

**Copenhagen, Denmark**  
**13-15 June 2000**

## SUMMARY AND CONCLUSIONS

The First Session of the *Ad Hoc* Intergovernmental Codex Task Force on Animal Feeding reached the following conclusions:

### **MATTERS OF INTEREST TO THE 24<sup>TH</sup> SESSION OF THE CODEX ALIMENTARIUS COMMISSION AND OTHER CODEX COMMITTEES:**

- Agreed the scope of the Code to cover the entire feed chain and include provisions for grazing or free-range feeding and for on-farm production in addition to provisions for processing, distribution, storage and use of compound feedingstuffs (para. 27);
- Agreed that the primary purpose of the Code was the protection of consumers' health, in particular food safety issues (para. 28);
- Agreed that issues of animal health relating to food safety were of significant importance and noted the linkages that existed with other Codex Codes of Practice in the area of meat hygiene, aquaculture, food hygiene and application of the HACCP system and the work of the OIE on zoonoses (para. 28);
- Noted that issues relating to animal welfare (other than food safety related animal health issues) did not fall within the mandate of the Commission and hence not within the Terms of Reference of the Task Force (para. 28);
- Agreed to include special provisions relating to "traceability" in the Code especially in reference to good manufacturing practices for the production, distribution and use of feedingstuffs (para. 32);
- Agreed to include provisions for the labelling of feedingstuffs as part of good manufacturing practice and risk management in view of the need for adequate labelling within the framework of traceability (para. 33);
- Agreed to make references to official inspection and control procedures and self-regulation (auto control), taking into account recommendations already adopted and published by the Commission (para. 34);
- Agreed to contain a provision that "additives should be assessed for safety and approved under stated conditions for use" and there should be delineation between feed materials and additives and between additives and veterinary medicines so as to avoid misuse (para. 44);
- Agreed to request information on lists established by different governments to control the use of prohibited and undesirable substances in animal feedingstuffs or other approaches and accepted the offer of FAO to establish an Internet Conference site on the FAO Website to further develop the debate on this issue (para. 49);
- Agreed to convene an open-ended meeting immediately before the next Session of the Task Force to consider the replies to the Circular Letter and the outcome of the Internet Conference and report its findings to the Task Force (para. 49);
- Agreed to compile a list of internationally available standard and validated methods for the examination of feedingstuffs by the Secretariat and suggested that reference be made to these internationally accepted methods and to sampling procedures at an appropriate point in the revised Code (para. 56);
- Agreed to inform the Codex Committee on Methods of Analysis and Sampling of its present debate as it noted that CCMAS had established criteria for the use of such methods internationally (para. 56); and,
- Agreed to develop a revised text of the Proposed Draft Code by the Danish and Codex Secretariats to be distributed to governments and interested international organizations for comments at Step 3 and the revised text and the compiled comments would form the basis of discussion at its next Session (para. 70).

## TABLE OF CONTENTS

	<b><u>Paragraphs</u></b>
INTRODUCTION	1
OPENING OF THE SESSION	2 – 3
ADOPTION OF THE AGENDA	4
MATTERS REFERRED TO THE TASK FORCE FROM THE CODEX ALIMENTARIUS COMMISSION AND OTHER CODEX COMMITTEES	5 – 7
MATTERS OF INTEREST FROM FAO, WHO AND OIE	8 – 19
CONSIDERATION OF THE REVISED DRAFT CODE OF PRACTICE ON GOOD ANIMAL FEEDING AND MATTERS REGARDING OTHER ASPECTS OF FOOD SAFETY IN ADDITION TO THE CURRENT CODE OF PRACTICE	20 – 70
- TITLE	23
- INTRODUCTION	
OBJECTIVES AND SCOPE	24 – 30
OTHER SPECIFIC ISSUES	31 – 34
STRUCTURE OF THE CODE	35 – 37
DEFINITIONS	38 – 39
- GENERAL REQUIREMENTS (GENERAL PRINCIPLES)	40 - 41
ADDITIVES	42 – 45
CONSIDERATION OF “POSITIVE” AND “NEGATIVE” LISTS	46 – 50
GENERAL MANAGEMENT	51 – 54
- RAW MATERIALS	55 – 59
- MINERALS, VITAMINS AND OTHER ADDITIVES	60
- GENERAL MANAGEMENT OF FEEDS	61 – 63
GOOD ANIMAL FEEDING PRACTICES AND ON-FARM PRODUCTION OF ANIMAL FEED	64 – 68
- PERSONNEL	69
STATUS OF THE PROPOSED DRAFT CODE OF PRACTICE ON GOOD ANIMAL FEEDING	70
OTHER BUSINESS AND FUTURE WORK	71
DATE AND PLACE OF NEXT SESSION	72

## LIST OF APPENDIX

	<b><u>Pages</u></b>
Appendix I: List of Participants	12 - 27

## INTRODUCTION

1. The *Ad Hoc* Intergovernmental Codex Task Force on Animal Feeding held its First Session in Copenhagen, Denmark from 13 to 15 June 2000, at the kind invitation of the Government of Denmark. The Session was chaired by Mr. M. N. Larsen, Director of the Danish Plant Directorate. The Session was attended by 140 participants from 36 Member countries and 16 international inter-governmental and non-governmental organizations. A complete list of participants is attached as Appendix I to this report.

## OPENING OF THE SESSION

2. The Task Force was welcomed to Copenhagen by Ms Ritt Bjerregaard, Danish Minister for Food, Agriculture and Fisheries. In her opening remarks to the Session, the Minister stressed the importance of the work assigned by the 23rd Session of the Codex Alimentarius Commission to the *Ad Hoc* Intergovernmental Codex Task Force on Animal Feeding over the next four years in establishing high level standards for feedingstuffs to secure the safety and quality of foods of animal origin.

3. The Minister outlined the need for transparency and traceability of manufactured animal feedingstuffs and pointed to the essential tools of appropriate labelling and record keeping. In addition, Ms Bjerregaard proposed that the Task Force take the opportunity to consider a universal warning system to be used in cases of emergencies in the feed chain as had occurred in Europe in the BSE and dioxins crises of the 1990's. A way to secure food safety was to secure the safety of feedingstuffs. The Minister stressed that securing transparency and traceability would make it easier to trace back feedingstuffs that posed a risk to human or animal health or to the environment. Strict rules on the use of feed materials and additives would bring all stakeholders a step closer to the food safety that all parties wanted. The Minister recalled her full support for the work of the Task Force and extended her best wishes for success in achieving the objectives assigned to it by the Commission.

## ADOPTION OF THE AGENDA (AGENDA ITEM 1)<sup>1</sup>

4. The Task Force adopted the Provisional Agenda as the Agenda for the Session.

## MATTERS REFERRED TO THE TASK FORCE FROM THE CODEX ALIMENTARIUS COMMISSION AND OTHER CODEX COMMITTEES (AGENDA ITEM 2)<sup>2</sup>

5. The Task Force noted the decisions of the 23<sup>rd</sup> Session of the Codex Alimentarius Commission<sup>3</sup> regarding the establishment and Terms of Reference of the Task Force. The Task Force was informed that the Commission had also adopted amendments to the Procedural Manual separating the criteria for work priorities from the criteria for establishing subsidiary bodies. The latter included new provisions for the establishment of *ad hoc* Intergovernmental Task Forces operating for a limited period of time under closely defined terms of reference, but functioning in the same manner as established Codex Committees.

6. Current activities of other Codex Committees including the Codex Committee on Food Hygiene (CCFH), the Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF), the Codex Committee on Food Additives and Contaminants (CCFAC) regarding antimicrobial resistance in foods, dioxins and dioxin-like PCBs and other related issues were reported. The Task Force noted

---

<sup>1</sup> CX/AF 00/1

<sup>2</sup> CX/AF 00/2

<sup>3</sup> ALINORM 99-37, para. 230; ALINORM 99-37, Appendix VI

that these issues might have implications for the work of the Task Force and that unless care was taken there was a possibility of duplication.

7. The Task Force noted the outcome of the *Ad Hoc* Intergovernmental Codex Task Force on Foods Derived from Biotechnology<sup>4</sup> held at Chiba, Japan from 14 – 17 March 2000. The Task Force on Foods Derived from Biotechnology had agreed to develop two texts, the first dealing with broad principles on foods derived from biotechnology and the other being specific guidance on the risk assessment of foods derived from biotechnology. The Task Force on Foods Derived from Biotechnology had agreed that in the preparation of these texts preference should be given to guidance applicable to all foods derived from biotechnology. However should it be necessary to prioritize the work, first priority should be given to foods of plant origin, followed by micro-organisms used directly in foods and then foods of animal origin. It had also noted that early attention may have to be given to fish.

### **MATTERS OF INTEREST FROM FAO, WHO AND OIE (AGENDA ITEM 3)<sup>5</sup>**

8. The Task Force noted matters of interest from FAO, WHO and OIE relating to animal feeding and food safety.

#### **FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO)**

9. The representatives of FAO informed the Task Force of the activities of the Animal Production and Health Division and of the Food and Nutrition Division to promote the proper and efficient use of available animal feed resources and to ensure the quality and safety of food of animal origin. They also informed the Task Force of FAO's technical advice and published material on animal feeding and related aspects of veterinary public health. An FAO monograph on Bovine Spongiform Encephalopathy (BSE) had been developed and updated in 1998 and a substantial information system on animal feed resources would be available on CD-Rom and from FAO Website. The Representatives highlighted the increasing emphasis given to feed safety in the Organization's Programme of Work and Budget for the current biennium and in its Medium Term Plan 2003-2007, and informed that the 22<sup>nd</sup> FAO Regional Conference for Europe (Porto, Portugal, 24-28 July 2000) will discuss the issue of food safety as affected by animal feedstuff.

10. The Task Force was informed that a Code of Good Irradiation Practice for the Control of Pathogenic Microorganisms in Poultry Feed had been prepared by the International Consultative Group on Food Irradiation (ICGFI) and issued by the Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture, International Atomic Energy Agency, Vienna 1995.

11. The Task Force recalled that, in 1997, FAO had convened the Expert Consultation on Animal Feeding and Food Safety, which dealt specifically with the interface between animal feeding and food safety. The Consultation had developed the draft Code of Practice for Good Animal Feeding which constituted the basis for the work of this Task Force.

12. The Task Force also noted that a Joint FAO/WHO Expert Consultation on Foods Derived from Biotechnology had been held in Geneva, Switzerland from 27 May to 2 June 2000, and that some of its recommendations would be relevant to the work of this Task Force. The Representative of FAO informed the Task Force that the report would be available in the near future.

---

<sup>4</sup> ALINORM 01/34  
<sup>5</sup> CX/AF 00/3

**WORLD HEALTH ORGANIZATION (WHO)**

13. The Representative from WHO emphasized to the Task Force the crucial role of good animal feeding practices in animal production to protect public health and ensure fair practices in international trade. The Strategy of WHO was primarily to strengthen the health systems and control the occurrence of risk factors and the priority was given to food safety.

14. The Task Force noted the report of the Director General of WHO on food safety prepared for the 53<sup>rd</sup> Session of the WHO Assembly held in May 2000 which pointed out that a number of extremely serious outbreaks of foodborne disease had occurred. Some of the outbreaks were related to animal feed as a source of initial contamination and had an international impact of major public concern such as BSE and dioxin cases. The Representative informed that the WHO Assembly had adopted a Resolution on Food Safety which urged the increased use of science and evidence in the assessment of risks and recognized the importance of the work of the Codex Alimentarius Commission.

15. The Task Force noted the WHO Consultation on Global Principles for the Containment of Antimicrobial Resistance was held from 5-9 June 2000 in Geneva in relation to antimicrobial use in animals intended for food, following a global discussion by an electronic working group. It was informed that an agreement had been reached and that many members of the Codex had been involved in this activity. Inputs from various international organizations of different disciplines, including consumers and industries, had been incorporated. The Representative requested the Task Force and the Commission to take the recommendations of the Consultation into account and noted that the report would be available on WHO Website in the near future.

**OFFICE INTERNATIONAL DES EPIZOOTIES (OIE)**

16. The Task Force noted the issues and interests of the OIE related to animal feeding and food safety were complementary to those of FAO and WHO. The Representative from OIE informed that the primary emphasis of the OIE was on infectious diseases in animals as well as zoonoses and the main area of interest with regard to animal feed was infectious diseases that could be transmitted through feed. An OIE's ad-hoc group discussed the antimicrobial resistance problem in relation to the use of veterinary drugs, but in the area of feedingstuffs, there was a shortage of experience and resources. OIE hoped to contribute to this debate through its relations with other international organizations.

17. The Representative emphasized that OIE had developed standards to prevent infectious agents in animal feed and provided some specific examples of established standards for diseases such as BSE, Swine Vesicular Disease and Rinderpest in animal feed from the OIE International Animal Health Code.

18. The Task Force was informed that a draft version of Strategic Plan for the activities of the OIE for the period of 2001 –2005 was discussed at the Annual General Session of OIE held in May 2000. The Strategic Plan stated the OIE involvement in feedstuffs could be counterproductive to the overall performance of the organisation. It was noted that this plan recommended OIE not to proceed in this area at present but should monitor and reevaluate the appropriateness of involvement over the next five years. The Strategic Plan, however, emphasized that the OIE should work closely with FAO and WHO and should negotiate a better defined and cooperative role with the Codex Alimentarius Commission to address the issue of food safety.

19. The Representative reiterated its complementary role with FAO and WHO based on the recommendations but the OIE would limit its activities in the area of animal feed at the present time and focus on those activities dealing with the transmission of infectious diseases.

---

**CONSIDERATION OF THE REVISED DRAFT CODE OF PRACTICE ON GOOD ANIMAL FEEDING AND MATTERS REGARDING OTHER ASPECTS OF FOOD SAFETY IN ADDITION TO THE CURRENT CODE OF PRACTICE (AGENDA ITEM 4)<sup>6</sup>**

20. The Chairperson noted that, subsequent to the Commission's decision to establish the Task Force, Codex Circular Letter CL 1999/28-AF had been issued requesting proposals for additions or amendments to the Proposed Draft Code of Practice on Good Animal Feeding and comments in relation to the food safety issues identified by the Codex Alimentarius Commission in the Terms of Reference establishing the Task Force. He noted that substantial comments had been received and that these had been compiled as annotations to the Proposed Draft Code (Documents CX/AF 00/4 and CX/AF 00/4-Add.1, Revised). In addition, the Chairperson had prepared a revised text of the Proposed Draft Code based on the comments received (CX/AF 00/4-Add.2)

21. Several delegations requested clarification as to which document should be used as a basis for discussion under the present Agenda Item. Questions were raised as to the use of the Chairperson's text stating that this was not a usual procedure in Codex and concerns were expressed that this could set a precedent for future Codex discussions. It was also noted that it was usual for Codex bodies to discuss comments submitted by Member governments on their merit. On the other hand, some delegations pointed out that parts of the material in the Chairperson's text resolved some of the problems of the initial text, especially since the Chairperson's text contained additional detail in some important areas.

22. The Task Force agreed to base its discussion on the original version of the Proposed Draft Code and with the comments received and presented in CX/AF 00/4, CX/AF 00/4-Add.1, Revised and CRD 1, at the same time taking into account such material from the Chairperson's text as it was relevant and useful to the further elaboration of the Code.

**TITLE**

23. The Task Force noted several proposals to amend the Title of the Proposed Draft Code. It agreed that the Title should reflect the content of the Code and that as the scope and content had not yet been considered and agreed, it was premature to agree upon a Title.

**INTRODUCTION*****Objectives and Scope***

24. The Task Force noted that the first paragraph of the Introduction was in fact a brief statement of the objectives and scope of the Code and agreed to discuss it in this context with a view to a possible rearrangement in later drafts.

25. Many delegations drew attention to the two-fold nature of the Code, since it dealt with both animal feeding practices at the farm level, as well as good manufacturing practice for the production of animal feedingstuffs. Several delegations stressed the need to take into account pasture feeding and free-range feeding of animals, especially where supplemental feeding in addition to pasture feeding

---

<sup>6</sup> CX/AF 00/4 (Proposed Draft Code of Practice for Good Animal Feeding with comments from Argentina, Australia, Belgium, Canada, Denmark, Netherlands, Sweden, United States, Consumers International, FEFAC, IDF, IFIF); CX/AF 00/4-Add.1, Revised (Proposed Draft Code of Practice for Good Animal Feeding with comments from Morocco, Switzerland, Thailand, European Community, IFIF); CX/AF 00/4-Add.2 (Chairman's Proposal for a Revised Draft Code of Practice on Good Animal Feeding); CRD. 1 (Compilation of all comments received in original format).

was practiced. Reference was also made to manufactured feed and feeding practices used in aquaculture.

26. The Task Force recognized that the issues to be considered in relation to the production, distribution and storage of manufactured feedingstuffs were different from those related to animal feeding practices. There was, however a degree of overlap when on-farm production of feedingstuffs was considered. It also noted that issues in relation to manufactured feedingstuffs could probably be treated internationally, but that many specific issues relating to animal feeding and on-farm practices had to be treated regionally or even locally. Several delegations and observers stressed that priority should be given to compound feedingstuffs and ingredients moving in international trade.

27. The Task Force agreed that the scope of the Code should cover the entire feed chain and should include provisions for grazing or free-range feeding and for on-farm production in addition to provisions for processing, distribution, storage and use of compound feedingstuffs.

28. Among the issues to be taken into account, the Task Force agreed that the primary purpose of the Code was the protection of consumers' health, in particular food safety issues. The Task Force also agreed that issues of animal health relating to food safety were of significant importance and noted the linkages that existed with other Codex Codes of Practice in the area of meat hygiene<sup>7</sup>, aquaculture, food hygiene<sup>8</sup> and application of the Hazard Analysis and Critical Control Point (HACCP) System and the work of the OIE on zoonoses. On the other hand, the Task Force noted that issues relating to animal welfare (other than food safety related animal health issues) did not fall within the mandate of the Commission and hence not within the Terms of Reference of the Task Force. It was however proposed that issues relating to the quality of feedingstuffs in terms of compliance with standards for composition would fall within the mandate of the Task Force.

29. The Task Force discussed a proposal to make explicit reference to environmental considerations. It was informed that this had been considered on several occasions by the Commission and that it had been confirmed that the Commission's mandate was limited by its Statutes to "protecting consumers' health and ensuring fair practices in the food trade". Nevertheless, the Commission had previously taken environmental considerations into account where necessary for the establishment of standards for the protection of consumers' health. Such a requirement was explicit in Section 3.1 of the Codex General Principles on Food Hygiene.

30. The Task Force noted that the Codex Committee on General Principles in its debate on other legitimate factors other than science used in the Codex decision-making process had requested input from other relevant Committees on such factors taken into account in establishing Codex standards, guidelines and other recommendations. The purpose of this exercise was to allow for a better-informed debate in the Codex Committee on General Principles.

### ***Other Specific Issues***

31. The Task Force considered the question of "**traceability**" in reference to the control of feedingstuffs and the ability to take corrective measures in case of emergency situations or when there was an indication of non-compliance with established standards or procedures. It was noted that this issue was also being debated in other Codex bodies including the *Ad Hoc* Intergovernmental Codex

---

<sup>7</sup> In particular the *Recommended International Code for Ante-mortem and Post-mortem Inspection of Slaughter Animals and for Ante-mortem and Post-mortem Judgement of Slaughter Animals and Meat* (CAC/RCP 41-1993)

<sup>8</sup> In particular the *Recommended International Code of Practice – General Principles of Food Hygiene and its Annex on the Application of the Hazard Analysis and Critical Control Point (HACCP) System* (CAC/RCP 1-1969, Rev.3, 1997).



Task Force on Foods Derived from Biotechnology and that the Codex Committee on Food Import and Export Inspection and Certification Systems had developed a number of relevant Guidelines that could be used.<sup>9</sup>

32. The Task Force agreed that special provisions relating to “traceability” should be included in the Code especially in reference to good manufacturing practices for the production, distribution and use of feedingstuffs. It also proposed that reference may need to be made to other Codex texts and to standards developed by ISO for this purpose. It was suggested that general requirements in relation to traceability might be included in the Code, leaving specific provisions for application to Member governments.

33. The Task Force also agreed that the Code should include provisions for the **labelling** of feedingstuffs as part of good manufacturing practice and risk management in view of the need for adequate labelling within the framework of traceability. Moreover, it was stressed that labelling should be clear and informative so as to allow the farmer to handle and use feedingstuffs correctly.

34. The Task Force agreed that references should be made to official inspection and control procedures and self-regulation (auto control), taking into account recommendations already adopted and published by the Commission. References to HACCP principles should also be included. The Task Force agreed however that specific reference to legislative requirements would not be appropriate for inclusion in the Code.

#### **STRUCTURE OF THE CODE**

35. The Task Force was of the opinion that the structure of the Proposed Draft Code as outlined in CX/AF 00/4 and CX/AF 00/4-Add.1-Revised was inadequate for the purposes of Task Force.

36. Taking into account the discussion above on Objectives and Scope and the need to develop separate advice for Good Manufacturing Practices and for Good Animal Feeding Practices, the Task Force agreed to base the structure of the current text as follows ;

##### **Title**

1. Introduction
2. Purpose and Scope
3. Definitions
4. General Principles/Requirements including
  - Traceability
  - Possibility of negative list or a list of substances presenting risks to food safety
  - Labelling
  - Principles for the use of additives
  - Inspection and control procedures
5. Guidance for Good Manufacturing Practice including HACCP
6. Guidance for Good Animal Feeding Practice including HACCP

---

<sup>9</sup> In particular the Codex Guidelines for the Exchange of Information in Food Control Emergency Situations (CAC/GL 19-1995), and the Guidelines for the Exchange of Information Between Countries on Rejections of Imported Food (CAC/GL 25-1997).

37. The Task Force noted that further revision might be necessary in the light of future discussions.

## **DEFINITIONS**

38. Many delegations stressed the crucial need for clear and unambiguous definitions of terms used in the Code. Several delegations underlined the fact that these definitions should be consistent where appropriate with other Codex definitions adopted by the Commission or else that they should be complemented with additional information specific to animal feeding. Specific attention was drawn to the question of the term “additive” which, when commonly used in relation to animal feedingstuffs could include substances used to meet the nutritional needs of animals whereas the definition applied to additives used for food destined to human consumption excluded substances used for improving nutritional characteristics<sup>10</sup>.

39. The *Ad Hoc* Task Force agreed that the proposed definitions contained in the Chairperson’s text should be included in the next draft of the Code as a point of departure, and to add other relevant definitions already developed by Codex or in the report of the FAO Expert Consultation, and relevant definitions elaborated by other international standardization bodies such as the ISO. These definitions would be submitted to Members for comments.

## **GENERAL REQUIREMENTS (GENERAL PRINCIPLES)**

40. The Task Force agreed that certain matters were common to consideration of the production of animal feedingstuffs whether or not they were produced commercially or on-farm.

41. Many delegations expressed the need to avoid duplication and to make linkages with existing Codex documentation and the work of other Codex Committees that had dealt with animal feeding matters. The Codex Secretariat noted that several bodies of the Commission had worked or were working on animal feeding matters. These included the work of the Codex Committee on Pesticide Residues in establishing Maximum Residue Limits for forages and feedingstuffs; the Codex Committee on Residues of Veterinary Drugs in Foods in establishing Maximum Residue Limits for veterinary drugs including those that entered into food by means of animal feeding; and the Codex Committee on Food Additives and Contaminants in relation to contamination from environmental or industrial sources. The Task Force requested the Codex Secretariat to provide a paper for its next session with comprehensive information of the work already completed or underway in Codex.

### ***Additives***

42. The Task Force noted that principles for the use of additives in animal feedingstuffs would be of crucial importance in the final Code. As this matter had not been addressed fully in the Proposed Draft Code contained in CX/AF 00/4, it used the text contained in the Chairperson’s draft (CX/AF 00/4-Add.2, Section 3.2.3) as a basis for discussion.

43. The Task Force noted that one of the issues complicating the discussions on the use of additives was the lack of suitable definitions that were applicable in the context of animal feeding. It noted that definitions existed in the Codex Alimentarius for “food additives” and for “veterinary drugs”.

---

<sup>10</sup> See Procedural Manual 11<sup>th</sup> edition: “Definitions for the Purposes of the Codex Alimentarius”, *Food additives*.

44. The Task Force agreed that the Code should contain a provision to the effect that “additives should be assessed for safety and approved under stated conditions of use”. It was also agreed that there should be a delineation between feed materials and additives and between additives and veterinary medicines so as to avoid misuse.

45. The Task Force addressed the issue of antibiotics used for growth promotion purposes. Opinions varied between those delegations that supported a statement in the Code that would prohibit such uses and those delegations that were of the opinion that antibiotics should not be used in the absence of a public health safety risk assessment. Attention was drawn to the report of the Representative of WHO on the outcome of the WHO Consultation on Global Principles for the Containment of Antimicrobial Resistance and it was agreed that further discussion of this issue should be undertaken in the light of the report and recommendations of the Consultation, as well as the reports and guidance of other groups such as OIE, CCFH and CCRVDF. It was agreed that the revised draft text of the Code would need to indicate that this was the case and that the several options discussed would be presented as alternatives.

#### *Consideration of “positive” and “negative” lists*

46. Several delegations proposed the inclusion of references to either positive lists of permitted substances to be used in the preparation of animal feedingstuffs, or negative lists of prohibited substances as well as lists of “undesirable substances” subject to maximum limits or tolerances. Other delegations and observers were of the opinion that the first priority should be paid to the establishment of good practices and that in all cases the focus should be on the objective of ensuring the safety and quality of foods of animal origin, as stated in the Terms of Reference of the Task Force.

47. Several delegations and observers were of the opinion that the establishment of positive and negative lists would be very difficult, as such lists would be determined by the nature of animal production in different countries and therefore subject to national and even local conditions, especially in developing countries and to the species or classes of animals. It was further suggested that a general statement be included in the Code providing for the establishment of such lists under national conditions.

48. The difficulty of the lack of clear definitions for additives, contaminants, by-products, wastes, and other substances provisions that might be considered as prohibited or “undesirable” substances was also seen as impeding progress in establishing a negative list. The Task Force also agreed that there was a need for further information from OIE and from governments in relation to substances that were subject to official controls and that the prior work of other Codex Committees such as CCFAC, CCPR, CCRVDF would need to be taken into account. Attention was also drawn to the Code of Ante-Mortem and Post-Mortem Inspection of Slaughter animals and for Ante-Mortem and Post-Mortem Judgement of Slaughter Animals and Meat<sup>11</sup> which described the conditions for disposal of meat products deemed to be unsuitable for human consumption.

49. The Task Force agreed to request, by means of a Circular Letter to Member countries, information on lists established by different governments to control the use of prohibited and undesirable substances in animal feedingstuffs or other approaches. The Task Force also accepted the offer of FAO to establish an Internet Conference site on the FAO Website to further develop the debate on this issue, based initially on the comments received to the Circular Letter. It was agreed that an open-ended meeting would be convened immediately before the next Session of the Task Force to consider the replies to the Circular Letter and the outcome of the Internet Conference, and report its findings to the Task Force.

---

<sup>11</sup> CAC/RCP 41-1993

50. It was proposed that a working group to be established to assist in assessing possibilities for drawing up a list of materials that should be prohibited from animal feedingstuffs and consider compiling a list of contaminants and other undesirable substances whose presence in feeds should be controlled but the Task Force did not come to the conclusion with this matter.

### ***General Management***<sup>12</sup>

51. It was noted that this section would contain the main common provisions relating to Good Manufacturing Practice (GMP).

52. In addition to the points raised in written comments, delegations recommended that attention be paid to the following issues in the redrafting of this section:

- Reference to the health conditions of workers and training in hygienic practices for handling animal feedingstuffs;
- Consideration of international standards for potable water or the potable water requirements for animals;
- Reference to the inert nature of recipients and conduits for water;
- Reference to effective pest-control programmes rather than freedom from pests;
- Monitoring programmes for contaminants and nutrition profiles taking into account their consequences for animal and human health;
- Record-keeping, including records of the weight of in-going materials;
- Appropriate and thorough mixing of ingredients to ensure uniform dispersal throughout the product; and,
- Conditions of transport and haulage.

53. The Task Force considered the application of the HACCP system in relation to GMP under this section and also under Section 5 of the text (see paras 61-62 below).

54. The Task Force agreed that the outcome of applying GMPs should be safe production of foods of animal origin, whether the feed was prepared industrially or on-farm or in farmers' cooperatives and whether or not HACCP principles were applied. Doubts were expressed about the applicability of the use of HACCP system at farm level in all cases.

### ***Raw Materials***<sup>13</sup>

55. The Task Force agreed that the section should refer to all raw material, whether of plant, animal or marine origin, and amended the Title of this section accordingly. It was also noted that the same provisions should apply to the use of fermentation products as raw materials.

56. The Task Force noted that several international organizations specializing in methods of analysis and sampling, including the AOAC and the ISO, had established both standard methods and validated methods for the examination of feedingstuffs. It was suggested that reference be made to these internationally accepted methods and to sampling procedures at an appropriate point in the

---

<sup>12</sup> Section 2.2 of the Proposed Draft Code (CX/AF 00/4).

<sup>13</sup> Section 3 of the Proposed Draft Code (CX/AF 00/4).

revised Code. It was further agreed to request the Secretariat to compile a list of internationally available standard and validated methods for the examination of feedingstuffs. As it was also noted that the Codex Committee on Methods of Analysis and Sampling had established criteria for the use of such methods internationally (although only methods for the examination of foods), the Task Force agreed to inform this Committee of its present debate.

57. Questions were raised about the suitability of reference to “supplier warranty” in the proposed Draft Code. It was noted that this was related to the question of quality and safety guarantees. The Task Force noted the efforts of some trade groups to develop voluntary codes of practice and general conditions for delivery of raw material to assist in this area.

58. It was noted that the reference in this section to standards for maximum levels for contaminants, etc, was linked to the consideration of the work of other Codex Committees on residues and contaminants and that these should be taken into account.

59. The question of the scarcity of suitable raw materials was raised in relation to the need for more research into alternative safe sources of protein and fat, together with the evaluation of these sources on a sound scientific basis with a view to establishing their safety for human and animal health and optimal use of natural global resources.

#### ***Minerals, vitamins and other additives***<sup>14</sup>

60. The Task Force recalled the problems related to the definitions for these substances, which in turn created problems for their treatment in the Code. It was agreed that the general principles relating to the control of “Raw materials” applied equally to the control of other ingredients and that therefore that the two sections could be combined and transferred to the Section on General Principles.

#### ***General Management of Feeds***<sup>15</sup>

61. Many delegations pointed out that this section of the Code was the main section dealing with good manufacturing practice (GMP) for the production of animal feedingstuffs. It was noted that several of the statements made in the proposed Draft Code were overly explicit and not always based on risk assessment; for example, the requirement to flush equipment with clean feed between batches (Section 5.4). Provisions relating to the labelling, transport, record keeping, recall of defective product were also noted as needing further elaboration. It was also noted that the provisions of this section needed to be adapted to the conditions applying in different countries with emphasis on the control of hazards and management of risks to human health.

62. Several delegations drew attention to the Codex Recommended International Code of Practice - General Principles of Food Hygiene<sup>16</sup> and the Annex in that Code outlining the application of HACCP principles, where many of these problems had been addressed in relation to overall food safety, including primary production. It was agreed to redraft the Section taking into account the structure of the General Principles with special attention being paid to measures required for food safety.

63. In the course of this and other discussions, several delegations drew attention to the need to provide better guidance of the definition of “waste”, including the various types of waste and how they should be handled or disposed of. Attention was drawn to the negative environmental effects of

---

<sup>14</sup> Section 4 of the Proposed Draft Code (CX/AF 00/4).

<sup>15</sup> Section 5 of the Proposed Draft Code (CX/AF 00/4).

<sup>16</sup> CAC/RCP 1-1969, Rev3, 1997.

rejecting materials that could otherwise be safely processed and used. The modes of re-use of animal products and by-products in the food chain were also indicated as requiring consideration.

### ***Good Animal Feeding Practices and On-Farm Production of Animal Feed***

64. The Task Force noted that in accordance with the structure of the revised draft Code, there would be a section dealing with Good Animal Feeding Practices and On-Farm Production of Animal Feed. It considered the necessity and appropriateness of establishing an informal working group to expedite the discussion and development of an appropriate text.

65. The Task Force discussed possible Terms of Reference of the working group including manufacturing of feedingstuffs on farm level, forage crop production, feeding practices, pasture and free-range feeding.

66. Several delegations requested clarification as to whether or not forage crop production would be within the mandate of the Task Force, and some delegations were of the opinion that the exact nature and necessity of this working group should be clarified first and the presence of any types of hazard arising from practices at the farm level should be identified. Some delegations supported that related existing Codex texts should be referenced in developing the Good Animal Feeding Practices on a farm level.

67. In view of the diverse opinions expressed in relation to the proposed terms of reference of the working group, the Task Force agreed that it was premature to establish an informal working group.

68. The Representative from FAO informed the Task Force that FAO could provide assistance in facilitating the discussion process by means of an electronic conference on the Internet.

### ***Personnel***<sup>17</sup>

69. It was agreed that this Section would be incorporated into the section on General Requirements.

### **STATUS OF THE PROPOSED DRAFT CODE OF PRACTICE ON GOOD ANIMAL FEEDING**

70. The Task Force agreed that the Danish and Codex Secretariats would be responsible for the development of a revised text of the Proposed Draft Code to be distributed to governments and interested international organizations for comments at Step 3. The revised text and the compiled comments would form the basis of discussion at its next Session.

### **OTHER BUSINESS AND FURTHER WORK (AGENDA ITEM 5)**

71. There was no other business or further work identified.

### **DATE AND PLACE OF THE NEXT SESSION (AGENDA ITEM 6)**

72. The Task Force was informed that its next Session was scheduled to be held in Copenhagen, Denmark, from 19-21 March 2001 subject to confirmation. It noted that a meeting on possible lists of prohibited and undesirable substances, or other approach, would be held prior to the Session.

---

<sup>17</sup> Section 6 of the Proposed Draft Code (CX/AF 00/4).

## APPENDIX I

**LIST OF PARTICIPANTS  
LISTE DES PARTICIPANTS  
LISTA DE PARTICIPANTES**

**CHAIRPERSON/PRESIDENT/PRESIDENTE**

Mr. Mogens Nagel Larsen  
Director  
Danish Plant Directorate  
Skovbrynet 20  
2800 Lyngby  
**Phone:** +45 45 26 36 00  
**Fax:** +45 45 26 36 10  
**Email:** [mnl@pdir.dk](mailto:mnl@pdir.dk)

**AUSTRALIA  
AUSTRALIE**

Mr. Steve McCutcheon  
Food Safety Branch  
National Office of Food Safety  
Agriculture Fisheries and Forestry - Australia  
Box 858 Canberra ACT 2600  
Australia  
**Email:** [steve.mccutcheon@affa.gov.au](mailto:steve.mccutcheon@affa.gov.au)

Mr. Ed Klim  
Food Safety branch  
National Office of Food Safety Agriculture  
Fisheries and Forestry - Australia  
Box 858 Canberra ACT 2600  
Australia  
**Email:** [ed.klim@affa.gov.au](mailto:ed.klim@affa.gov.au)

Mr. Albert Cobb  
Veterinary Councillor  
Australian Embassy  
Brussels  
Belgium  
**Email:** [albert.cobb@dfat.gov.au](mailto:albert.cobb@dfat.gov.au)

**AUSTRIA  
AUTRICHE**

Dr. Werner Brüller  
Federal Ministry of Social Security and  
Generations, Div IX/A/7  
Radetzkystrasse 2  
A-1030 Vienna

**Phone:** +43 1 711 72 4861  
**Fax:** +43 1 710 4151  
**Email:** [werner.brueller@bmsg.gv.at](mailto:werner.brueller@bmsg.gv.at)

**BELGIUM  
BELGIQUE  
BÉLGICA**

Mr. Albert Vandersanden  
Ingénieur-directeur  
Ministere de l'Agriculture  
CTC III - 8eme étage  
Boulevard S. Bolivar 30  
1000 Bruxelles  
**Phone:** +32 2 208 3870  
**Fax:** +32 2 208 3866  
**Email:** [albert.vandersanden@cmlog.fgov.be](mailto:albert.vandersanden@cmlog.fgov.be)

**BRAZIL  
BRÉSIL  
BRASIL**

Renato Xavier  
Minister of Brazillian Embassy  
Head of delegation

Ms. Maria Angélica Ribeiro de Oliveira  
Médico Veterinário  
Ministério da Agricultura e do Abastecimento  
Esplanada dos Ministérios  
Bloco B, Anexo B, 1 andar, Sala 116  
Brasil, Brasilia - DF  
Cep. 70 043-900

**Phone:** 55 061 218 2124  
**Fax:** +55 061 218 2727  
**Email:** [ribeiro@agricultura.gov.br](mailto:ribeiro@agricultura.gov.br)

Mr. Ezio Gomes da Mota  
 Coordenador Geral de Promoção do Animal  
 Ministério da Agricultura e do Abastecimento  
 Esplanada dos Ministérios  
 Bloco B, Anexo B, 1 andar, Sala 107  
 Brasil, Brasília - DF  
 Cep. 70 043-900

**Phone:** +55 061 323 6248 218  
 2307/2438  
**Fax:** +55 061 218 2727  
**Email:** [ezio@agricultura.gov.br](mailto:ezio@agricultura.gov.br)

Dr. João Palermo Neto  
 Fac. of Veterinary Medicine  
 University of São Paulo  
 Av. Corifeu Acevedo Marques no. 2720  
 CEP: 05340-901  
 São Paulo  
 Brazil

**Phone:** +55 011 211 3074  
**Email:** [Jpalermo@vsp.br](mailto:Jpalermo@vsp.br)

**CANADA**  
**CANADÁ**

Ms. Judy Thompson  
 Head of Delegation  
 Feed Evaluation Coordinator  
 Canadian Food Inspection Agency  
 59 Camelot Drive, Nepean, Ontario  
 Canada, K1A OY9

**Phone:** +1 613 228 6696 / ext. 4370  
**Fax:** +1 613 228 6614  
**Email:** [jthompson@em.agr.ca](mailto:jthompson@em.agr.ca)

Mr. Chris Palmer  
 Senior Advisor, International Liaison and  
 Science Policy  
 Bureau of Food Regulatory International and  
 Interagency Affairs  
 Food Directorate, Health Protection Branch  
 Health Canada  
 HPB Building, Room 2395  
 Tunney's Pasture  
 Ottawa, Ontario  
 K1A 0L2

**Phone:** +1 613 941-4616  
**Fax:** +1 613 941-3537  
**Email:** [chris\\_palmer@hc-sc.gc.ca](mailto:chris_palmer@hc-sc.gc.ca)

**COLOMBIA**  
**COLOMBIE**

Mr. Salomon Marin Lasso  
 Jefe Division de Insomos Pecuarios  
 Instituto Colombiano Agropecuario ICA  
 Calle 37 No. 8-43, Piso 4  
 Santafe de Bogota  
 Colombia

**Phone:** +232 47 15 288 42 37  
**Fax:** +232 16 95 288 17 63  
**Email:** [pecuario@impsat.net.co](mailto:pecuario@impsat.net.co)

**CZECH REPUBLIC**  
**RÉPUBLIQUE TCHÉQUE**  
**REPÚBLICA CHECA**

Mr. Jan Obdálek  
 Head of delegation  
 Engineer  
 Central Control and Testing Institute for  
 Agriculture  
 Za opravnou 4, Prague 5  
 150 06,  
 Czech Republic

**Phone:** +42 02 572 94231  
**Fax:** +42 02 572 94239  
**Email:** [jan.obadalek@ok.zeus.cz](mailto:jan.obadalek@ok.zeus.cz)

**DENMARK**  
**DANEMARK**  
**DINAMARCA**

Mr. Gorm Lunn  
 Head of delegation  
 Head of Division of Feedingstuffs and  
 Fertilizers  
 Danish Plant Directorate  
 Skovbrynet 20  
 DK 2820 Lyngby  
 Denmark

**Phone:** +45 45 26 36 00  
**Fax:** +45 45 26 36 10  
**Email:** [gl@pdir.dk](mailto:gl@pdir.dk)



Ms. Tanja Buch-Weeke  
Head of section  
Holbergsgade 2,  
1057 Copenhagen K  
Denmark

**Phone:** +45 33 92 20 77

**Fax:** +45 33 12 46 86

**Email:** [tbu@fvm.dk](mailto:tbu@fvm.dk)

Ms. Gitte Gross  
Senior Food Adviser  
The Danish Consumer Council  
Fiolstræde 17,  
Postboks 2188,  
1017 Copenhagen K  
Denmark

**Phone:** +45 77 41 7 31

**Fax:** +45 77 41 77 43

**Email:** [gg@fbr.dk](mailto:gg@fbr.dk)

Dorthe Licht  
Scientific Adviser  
Danish Veterinary and Food Administration  
Mørkhøj Bygade 19  
DK-2860 Søborg  
Denmark

**Phone:** +45 33 95 62 02

**Fax:** +45 33 95 66 95

**Email:** [dli@fdir.dk](mailto:dli@fdir.dk)

Mr. Knud Østergaard  
Head of International Affairs  
Danish Veterinary and Food Administration  
Mørkhøj Bygade 19  
DK 2860 Søborg  
Denmark

**Phone:** +45 33 95 61 20

**Fax:** +45 33 95 62 99

**Email:** [koe@fdir.dk](mailto:koe@fdir.dk)

Ms. Jytte Kjærgaard  
Consultant  
Danish Veterinary and Food Administration  
Mørkhøj Bygade 19  
DK 2860 Søborg  
Denmark

**Phone:** +45 33 95 61 24

**Fax:** +45 33 95 62 99

**Email:** [jk@fdir.dk](mailto:jk@fdir.dk)

Mr. Jørgen Daugaard  
Senior Advisor  
The Confederation of Danish Industries  
Lindeved 6A, Sørup  
DK3480 Fredensborg  
Denmark

**Phone:** +45 48 48 45 12

**Fax:** +45 48 48 45 12

**Email:** [j.daugaard.@mobilixnet.dk](mailto:j.daugaard.@mobilixnet.dk)

Annette Toft  
Head of Department  
The Danish Agricultural Council  
Axelborg, Axeltorv 3  
1609 Copenhagen V  
Denmark

**Phone:** +45 33 14 56 72

**Fax:** +45 33 14 95 74

### ***EGYPT***

### ***EGYPTE***

### ***EGIPTO***

Prof. Dr. Mamdouh Sharaf El-Din  
Head of delegation  
Technical Consultant  
Ministry of Agriculture  
Nadi El-Said St.,  
Dokki, Giza

Dr. Akila Saleh Hamza  
Head  
Central Laboratory for Food & Feed  
Agriculture Research Center  
9 El-Gamaa St.  
Giza

Dr. Fadia Nosseir  
Supervision of Foreign Agriculture Relations  
Central Laboratory for Food & Feed  
Agriculture Research Center  
9 El-Gamaa St.  
Giza

Dr. Zeinab Mahmoud Niazzy  
Deputy, Animal Health Research Institute for  
Laboratory  
Diagnosis & Food Safety  
Nadi El-Said St., Dokki  
Giza

Dr. Hussein Soliman  
Head  
Animal Ressource Sector

**Phone:** +358 10 862 1677  
**Fax:** +358 10 862 1068  
**Email:** [harri.miettinen@kemira.com](mailto:harri.miettinen@kemira.com)

**ESTONIA**  
**ESTONIE**

Mr. Toivo Nõvandi  
Head of Department - Feedingstuffs  
Plant Production Inspectorate  
Teaduse 2  
Saku 75501  
Harjumaa  
Estonia

**Phone:** +37 26 712 600  
**Fax:** +37 26 712 600  
**Email:** [tki@eol.ee](mailto:tki@eol.ee)

**FINLAND**  
**FINLANDE**  
**FINLANDIA**

Dr. Päivi Mannerkorpi  
Head of delegation  
Senior Officer  
Ministry of Agriculture and Forestry  
Department of Agriculture  
P.O. Box 30  
00023 Government  
Finland

**Phone:** +358 9 1609766  
**Fax:** +358 9 1602443  
**Email:** [paivi.mannerkorpi@mmm.fi](mailto:paivi.mannerkorpi@mmm.fi)

Ms. Kirsti Huovinen  
Senior Officer  
Ministry of Agriculture and Forestry  
Department of Agriculture  
P.O. Box 30  
00023 Government,  
Finland

**Phone:** +358 9 16088661  
**Fax:** +358 9 1602443  
**Email:** [kirsti.huovinen@mmm.fi](mailto:kirsti.huovinen@mmm.fi)

Dr. Harri Otto Miettinen  
R&D Manager  
NoFAA (Nordic Feed Additive Association)  
P.O. Box 330  
Fin-00101 Helsinki  
Finland

**FRANCE**  
**FRANCIA**

Bénédicte Herbinet  
Head of delegation  
Chef du bureau "Pharmacie Vétérinaire et  
alimentation animale"  
251, rue de Vaugirard  
75732 Paris

**Phone:** +33 149555843  
**Fax:** +33 149554398  
**Email:** [Benedicte.herbinet@agriculture.gouv.fr](mailto:Benedicte.herbinet@agriculture.gouv.fr)

Mr. Francois Creton  
Société Roquette Freres  
62136 LESTREM  
France

**Phone:** +33 32 21 63 36  
**Fax:** +33 32 16 33 850

**GERMANY**  
**ALLEMAGNE**  
**ALEMANIA**

Dr. Uwe Petersen, HR  
Bundesministerium für  
Ernährung, Landwirtschaft und Forsten  
Rochusstrasse 1  
Postfach 14 02 70  
53107 Bonn  
Germany

**Phone:** +49 0228 529 3624  
**Fax:** +49 0228 529 4221

Dr. Sabine Kruse, RD'in  
Bundesministerium für  
Ernährung, Landwirtschaft und Forsten  
Rochusstrasse 1  
Postfach 14 02 70  
53107 Bonn  
Germany

**Phone:** +49 0228 529 4186  
**Fax:** +49 0228 529 4221

Dr. Süphke  
Arbeitsgemeinschaft für Wirkstoffe in der  
Tierernährung  
Roonstrasse 5  
53175 Bonn

Dr. Amberg  
Deutscher Bauernverband e.V.  
Postfach 20 04 54  
53175 Bonn

Mr. Radewahn  
Bundesverband der Mischfutterhersteller e.V.  
Kaiserplatz 15  
53 113 Bonn

Dr. Klaus Lucas  
BgVV  
Diedersdorferweg 1  
12277 Berlin  
Germany  
**Phone:** +49 0188 8412 2040  
**Fax:** +49 0188 8412 2956  
**Email:** [k.lucas@bgvv.de](mailto:k.lucas@bgvv.de)

**GREECE**  
**GRÉCE**  
**GRECIA**

Mrs. Kamarinou Eugenia  
Head of delegation  
Head of Feed Sector  
Ministry of Agriculture  
10176 Athens  
Greece  
**Phone:** +301 8824610  
**Fax:** +301 8230730  
**Email:** [ka6u001@minagric.gr](mailto:ka6u001@minagric.gr)

**HUNGARY**  
**HUNGRIE**  
**HUNGRIA**

Mr. Salamon Aurél  
Head of delegation  
Senior counselor  
Ministry of Agriculture  
1055 Budapest, Kossuth tér 11  
Hungary  
**Phone:** +36 1 301 4364  
**Fax:** +36 1 302 0408

Mr. Peter Grunfelder  
Codex Pabularis Hungaricus, Secretariat  
Institution of Agrucultural Quality Control  
1024 Budapest, Keleti Károly 24  
Hungary

**Phone:** +36 1 212 2696, ext: 2347  
**Fax:** +36 1 212 5062  
**Email:** [tak.kodex@ommi.hu](mailto:tak.kodex@ommi.hu)

**ICELAND**  
**L'ISLANDE**  
**ISLANDIA**

Dr. Olafur Gudmundsson  
Head of delegation  
Director  
Feed, seed and Fertilizer Inspectorate  
Rala Building, Keldnaholt  
15-112 Reykjavik  
Iceland

**Phone:** +354 577 1010  
**Fax:** +354 577 1020  
**Email:** [oli@rala.is](mailto:oli@rala.is)

**INDIA**  
**INDE**

Mr. D.S. Negi  
Joint Secretary  
Ministry of Agriculture  
Government of India  
245 Krishi Bhawan  
New Delhi 54  
India  
**Phone:** +11 338 78 04  
**Fax:** +11 338 61 15

**IRELAND**  
**IRELANDE**  
**IRLANDA**

Dr. James J. Fleming  
Head of delegation  
Department of Agriculture, Food and Forestry  
7 Centre, Agriculture House  
Kildare Street  
Dublin 2  
**Phone:** +353 1 607 2603  
**Fax:** +353 1 6616563  
**Email:** [fleming@irlgov.ie](mailto:fleming@irlgov.ie)

**ITALY**  
**ITALIE**  
**ITALIA**

Dr. Agostino Macri  
Istituto Superiore di Sanità  
Viale Regina Elena 299  
00161 Roma  
**Phone:** +39 677204 694  
**Fax:** +39 649387077  
**Email:** [a.marci@ins.it](mailto:a.marci@ins.it)

Prof. Gianfranco Piva  
Direttore  
ISAN - Istituto di Scienze degli Alimenti e  
della Nutrizione  
Facoltà di Agraria  
Università Cattolica del Sacro Cuore  
Via Emilia Parmense,  
84 - 29100 Piacenza  
**Phone:** +39 0523 599 258/285  
**Fax:** +39 0523 599 259  
**Email:** [piva@pc.unicatt.it](mailto:piva@pc.unicatt.it)

Dr. Brunella lo Turco  
Ministero delle Politiche Agricole e Forestali  
Via XX Settembre 20  
00100 Roma  
**Phone:** +39 0646655016  
**Fax:** +39 064880273  
**Email:** [blturco@tiscalinet.it](mailto:blturco@tiscalinet.it)

Dr. Stefano Belladonna  
ASSALZOO  
Uff. Via Lovanio 6  
00198 Roma  
**Phone:** +39 6 8541641  
**Fax:** +39 6 854 641  
**Email:** [assalzo@iol.it](mailto:assalzo@iol.it)

**JAPAN**  
**JAPON**  
**JAPÓN**

Mr. Akira Miki  
Deputy Director,  
Veterinary Sanitation Division  
Ministry of Health and Welfare  
Environmental Health Bureau  
**Email:** [AM-WTX@mhw.go.jp](mailto:AM-WTX@mhw.go.jp)

Mr. Minoru Yoshida  
Deputy Director, Commercial Feed Division  
Livestock Industry Bureau  
Ministry of Agriculture, Forestry and  
Fisheries  
**Email:** [minoru\\_yoshida@nm.maff.go.jp](mailto:minoru_yoshida@nm.maff.go.jp)

Mr. Tatsuro Sekiya  
Animal Health Division  
Livestock Industry Bureau,  
MAFF  
**Email:** [tatsurou\\_sekiya@nm.maff.go.jp](mailto:tatsurou_sekiya@nm.maff.go.jp)

Mr. Teruhiro Yorozuya  
Technical Advisor  
Japan Scientific Feeds Association

Mr. Teruo Hayakawa  
Technical Advisor  
Japan Feed Manufacturers Association

**MALAYSIA**  
**MALASIE**  
**MALASIA**

Mr. Mohd. Jaaffar Ahmad  
Regional Manager  
MPOB Europe  
Brickendonburg (TARRC)  
Hertfordshire - SG 13 8NL  
England  
**Phone:** +44 199 2 554 347  
**Fax:** +44 199 2 500 564  
**Email:** [porim@porim.powernet.co.uk](mailto:porim@porim.powernet.co.uk)

**MEXICO**  
**MEXIQUE**

Mr. Ricardo Gonzalez Aguilar  
Head of delegation  
Director de la Unidad de Normalizacion y  
Verifization  
SAGAR  
Amores No. 321 – 1er piso  
Col. Del valle  
Mexico D.F.  
Mexico C.P. 03100  
**Phone:** 5687 1081  
**Fax:** 5687 7938  
**Email:** [dgda.asesor012@sagar.gob.mx](mailto:dgda.asesor012@sagar.gob.mx)

**NAMIBIA**

Mr. Hellmut von Seydlitz  
Ministry of Agriculture  
P/BAG 13184  
Windhoek

**Phone:** +264 61 208 7070  
**Fax:** +264 61 208 7068  
**Email:** [hvonseydlitz@yahoo.com](mailto:hvonseydlitz@yahoo.com)

**NETHERLANDS**  
**PAYS-BAS**  
**PAÍSES-BAJOS**

Mr. Nane Benedictus  
Head of delegation  
Ministry of Agriculture, Nature Management  
and Fisheries  
PO Box 20401  
2500 EK The Hague

**Phone:** +31 70 370 8249  
**Fax:** +31 320 21 3089  
**Email:** [benedictus@wxs.nl](mailto:benedictus@wxs.nl)

Dr. Liebe Vellenga  
Product Board Animal Feed  
PO Box 29739  
2502 LS The Hague  
The Netherlands

**Phone:** +31 70 370 8249  
**Fax:** +31 70 370 8444  
**Email:** [l.vellenga@hpa.agro.nl](mailto:l.vellenga@hpa.agro.nl)

**NEW ZEALAND**  
**NOUVELLE-ZÉLANDE**  
**NUEVA ZELANDIA**

Dr. Caryll Shailer  
Counsellor Veterinary Services  
New Zealand Mission to the European  
Communities  
Square de Meeus 1, 7<sup>th</sup> Floor  
B-1000 Brussels  
Belgium

**Phone:** +322 550 1219  
**Fax:** +322 513 4856  
**Email:** [CaryllShailer@CompuServe.com](mailto:CaryllShailer@CompuServe.com)

**NORWAY**  
**NORVÉGE**  
**NORUEGA**

Ms. Kirstin Færden  
Head of Section  
Norwegian Food Control Authority  
P.B. 8187 Dep.  
N-0034 Oslo  
Norway

**Phone:** +47 22 24 66 50  
**Fax:** +47 22 24 66 99  
**Email:** [kirstin.ferden@snt.no](mailto:kirstin.ferden@snt.no)

Ms. M. Wiborg  
Senior Executive Officer  
Norwegian Food Control Authority  
P.B. 8187 Dep  
N-0034 Oslo  
Norway

Jorunn Vormeland  
Veterinary Adviser  
Norway Meat  
P.B. 360 Økern  
0513 Oslo  
Norway

**Phone:** +47 22 24 66 50  
**Fax:** +47 22 24 66 99  
**Email:** [marie.wiborg@snt.no](mailto:marie.wiborg@snt.no)

Mr. Knut Flatlandsmo  
Senior Adviser  
Norwegian Agriculture Authority  
P.B. 3  
1430 Ås

Mr. Hans B. Glende  
Assistant Director General  
Norwegian Agriculture Authority  
P.B. 3  
1430 Ås

Ms. Frida Andersen  
Adviser  
Fishery Directorate  
Ktr. For kvalitet og miljø  
P.B. 185 Sentrum  
5804 Bergen  
Norway

Mr. Agnar Moe  
 Director  
 Fish Meal Producer's Association  
 Essendropsgate 6  
 P.B. 5471 Majorstua  
 0305 Oslo  
 Norway

Ms. Irene Andersen  
 Adviser  
 Ministry of Fishery  
 Boks 8118 Dep  
 0032 Oslo  
 Norway

**PERU**  
**PÉROU**  
**PERÚ**

Dr. Carlos Pastor Talledo  
 Head of delegation  
 Director Ejecutivo  
 Dirección General de Salud Ambiental  
 Ministerio de Salud del Peru  
 Calle Las Amapolas No. 350, San Eugenio  
 Lince  
 Peru

**Phone:** +51 4406871 / 4428353  
**Fax:** +51 4406797

Ms. Josefina del Prado Chavez-Herera  
 Asesora del Ministerio de Pesqueria del Peru  
 Ministerio de Pesqueria  
 Calle 1, 50-60, Piso 7  
 Peru

**Phone:** +51 3235 /224 3232  
**Fax:** +51 224 3339  
**Email:** [fdelprado@minpes.gob.pe](mailto:fdelprado@minpes.gob.pe)

Mr. Richard Diaz González  
 Sociedad Nacional de Pesqueria  
 Av. Javier Prado Oeste 2442 San Isidro  
 Lima 27  
 Péru

**Phone:** +51 1 261 2970  
**Fax:** +51 1 261 7912  
**Email:** [snpnet@terra.com.pe](mailto:snpnet@terra.com.pe)

**PHILIPPINES**  
**FILIPINAS**

Dr. Edna Zenaida v. Villacorte  
 Chief, Animal Feeds Standard Division  
 Bureau of animal Industry  
 Visayas Avenue, Diliman, Quezon City  
 Philippines 1101

**Phone:** +63 2 920 1764  
 +63 2 924 7954  
**Fax:** +63 2 920 1764  
**Email:** [afsd-bai@qinet.net](mailto:afsd-bai@qinet.net)

**PORTUGAL**

Dr. João Luis da Costa Pires  
 Medico Veterinario  
 Direcção geral de Veterinaria  
 Largo Acad Nacional de Belas Artes no. 2  
 1249-105 Lisboa

**Phone:** +351 2132 39542  
**Fax:** +351 2132 39565

Dr. João Manuel Ramalho Ribeiro  
 Medico Veterinario  
 Instituto Nacional Investigação  
 Agraria/E.Z.N.  
 Largo Acad Nacional Belas Artes no. 2  
 1249-105 Lisboa

**Phone:** +351 21 32 39500  
**Fax:** +351 21 32 39565

Mr. Jaime Picarra  
 Associação Portuguesa dos Industriais de  
 Alimentos Compostos Para Animais  
 Av. 5. de Outubro no. 21 - 2 Esq  
 1050 Lisboa

**Phone:** 351 21 352 51 91  
**Fax:** 351 21 353 03 87  
**Email:** [IACA@mail.telepac.pt](mailto:IACA@mail.telepac.pt)

**SPAIN**  
**ESPAGNE**  
**ESPAÑA**

Mr. Pedro Diaz Peralta  
 Direccion General de Ganaderia - M.A.P.A.  
 José Abascal, 4 - 7 planta  
 Madrid

**Phone:** +34 91347 4064  
**Fax:** +34 91347 4080  
**Email:** [ccuenca@mapya.es](mailto:ccuenca@mapya.es)

**SWEDEN**  
**SUÈDE**  
**SUECIA**

Mr. Urban Johnson  
Head of Delegation  
Deputy Director  
Ministry of Agriculture, Food and Fisheries  
S-103 33 Stockholm

**Phone:** +46 8 4051137  
**Fax:** +46 8 4054970  
**Email:** [urban.johnson@agriculture.ministry.se](mailto:urban.johnson@agriculture.ministry.se)

Mr. Torbjörn Malm  
Senior Principal Administrative Officer  
Swedish Board of Agriculture  
551 82 Jönköping

**Phone:** +46 36 155813  
**Fax:** +46 36 308182  
**Email:** [Torbjorn.Malm@sjv.se](mailto:Torbjorn.Malm@sjv.se)

**SWITZERLAND**  
**SUISSE**  
**SUIZA**

Dr. Daniel Guidon  
Head of Delegation  
Swiss Federal Research Station for Animal  
Production  
Feed Inspection Service  
CH-1725 Posieux  
Switzerland

**Phone:** +41 26 407 7245  
**Fax:** +41 26 407 7300  
**Email:** [daniel.guidon@rap.admin.ch](mailto:daniel.guidon@rap.admin.ch)

Mr. Félix Olivier  
Swiss Federal Office of Agriculture  
Head of Division  
Mattenhofstrasse 5  
CH-3003 Bern  
Switzerland

**Phone:** +41 322 2586  
**Fax:** +41 322 2634  
**Email:** [olivier.felix@blw.admin.ch](mailto:olivier.felix@blw.admin.ch)

Dr. Roland Charrière  
Swiss Federal Office of Public Health  
Service Food of Animal Origin  
CH-3003 Bern  
Switzerland

**Phone:** +41 31 323 3104  
**Fax:** +41 31 322 9574  
**Email:** [roland.charriere@bag.admin.ch](mailto:roland.charriere@bag.admin.ch)

Dr. Kevin Collins  
Swiss Society of Chemical Industries  
Feed Additives Group  
c/o F. Hoffmann-La Roche Ltd.  
CH-4070 Basel  
Switzerland

**Phone:** +41 61 688 7288  
**Fax:** +41 61 688 1635  
**Email:** [kevin.collins@roche.com](mailto:kevin.collins@roche.com)

Mr. Thomas Jäggi  
Swiss Farmers Union  
Laurstrasse 10  
CH-5200 Brugg  
Switzerland

**Phone:** +41 56 462 5111  
**Fax:** +41 56 441 5348  
**Email:** [jaeggi@agri.ch](mailto:jaeggi@agri.ch)

Mr. Rudolf Marti  
Director  
Swiss Feed Manufacturers Federation  
Bernstrasse 55  
PO Box  
CH-3052 Zollikofen  
Switzerland

**Phone:** +41 31 915 2111  
**Fax:** +41 31 915 2112  
**Email:** [vsf@spectraweb.ch](mailto:vsf@spectraweb.ch)

Dr. Jean Vignal  
Nestec Ltd., Regulatory Affairs  
Avenue Henri Nestlé  
CH-1800 Vevey

**Phone:** +41 21 924 3501  
**Fax:** +41 21 924 4547  
**Email:** [jean.vignal@nestle.com](mailto:jean.vignal@nestle.com)

**THAILAND**  
**THAÏLANDE**  
**TAILANDIA**

Mr. Sakchai Sriboonsue  
Head of delegation  
Deputy Director-General  
Department of Livestock Development  
Phaya Thai Road  
Bangkok 10400  
Thailand

**Phone:** +66 2 252 1703

**Fax:** +66 2 252 1703

Mr. Pisit Rangsaritwutikul  
Standard Officer  
Thai Industrial Standards Institute  
Rama VI Road  
Ratchathewi  
Bangkok 10400  
Thailand

**Phone:** +66 2 2023438

**Fax:** +66 2 2487987

**Email:** [pisitr@tisi.go.th](mailto:pisitr@tisi.go.th)

Ms. Cherdchai Thiratinrat  
Senior Scientist  
Department of Livestock Development  
Phaya Thai Road  
Bangkok 10400  
Thailand

**Phone:** +662 2518206

**Fax:** +662 2518206

Mr. Jiti Phatanavitaykul  
Senior Administrator  
Department of Foreign Trade  
Ministry of Commerce  
Sanambinnam Rd.  
Nonthaburi Province  
Thailand

**Phone:** +662 5474803

**Fax:** +662 5474802

**TUNISIA**  
**TUNISIE**  
**TÚNEZ**

Ms. Souad Turki Skoli  
Médecin Vétérinaire  
Direction Générale de la Production Agricole  
Ministere de l'Agriculture

**UNITED KINGDOM**  
**ROYAUME-UNI**  
**REINO UNIDO**

Mr. Bill Knock  
Head of delegation  
Head of Animal Feed Division  
Food Standards Agency  
P.O. Box 31037, Room 219, Ergon House  
17 SmithSquare, London  
SW1P 3WG  
United Kingdom

**Phone:** +44 20 7238 6293

**Fax:** +44 20 7238 6338

**Email:**

[Bill.Knock@foodstandards.gsi.gov.uk](mailto:Bill.Knock@foodstandards.gsi.gov.uk)

Mr. John Owusu  
Veterinary Medicines Directorate  
Woodham Lane, New Haw, Addlestone  
Surrey KT15 3LS  
United Kingdom

**Phone:** +44 1932 338453

**Fax:** +44 1932 336618

**Email:**

[j.owusu@vmd.maff.gsi.gov.uk](mailto:j.owusu@vmd.maff.gsi.gov.uk)

**UNITED STATES OF AMERICA**  
**ETATS-UNIS D'AMERIQUE**  
**ESTADOS UNIDOS DE AMÉRICA**

Dr. Stephen Sundlof  
Head of delegation  
Director  
Center for Veterinary Medicine  
Food And Drug Administration  
7500 Standish Place  
Rockville, MD20855  
U.S.A

**Phone:** +1 301 594 1740

**Fax:** +1 301 594 1830

**Email:** [Ssundlof@dvm.fda.gov](mailto:Ssundlof@dvm.fda.gov)



Dr. Alex B. Thiermann  
Senior Trade Coordinator  
USDA, APHIS, International Services  
United States Mission to the European Union  
27 Blvd. du Regent  
1000 Brussels,  
Belgium

**Phone:** 32 2 508 2762

**Fax:** 32 2511 0918

**Email:**

[alejandro.b.thiermann@usda.gov](mailto:alejandro.b.thiermann@usda.gov)

Dr. Daniel G. McChesney  
Deputy Director  
Office of Surveillance and Compliance  
Center for Veterinary Medicine  
Food and Drug Administration  
7500 Standish Place  
Rockville, MD  
U.S.A

**Phone.** +1 301 827 6648

**Fax:** +1 301 594 1830

**Email:** [dmcchesn@cvm.fda.gov](mailto:dmcchesn@cvm.fda.gov)

Dr. Dennis M. Keefe  
Office of Premarket Approval  
Center for Food Safety and Applied Nutrition  
Food and Drug Administration  
200 C Street, SW, (HFS-206)  
Washington, DC 20204  
U.S.A

**Phone:** +1 202 418 3113

**Fax:** +1 202 418 3131

**Email:** [dkeefe@bangate.fda.gov](mailto:dkeefe@bangate.fda.gov)

Mr. Roy Barrett  
Office of Food Safety and Technical Services  
Foreign Agricultural Service  
U.S. Department of Agriculture  
1400 Independence Avenue, SW  
Room 5547 South Building  
Washington, DC 20250  
U.S.A.

**Phone:** +1 202 720 9118

**Fax:** +1 202 690 0674

**Email:** [dbarrettr@fas.usda.gov](mailto:dbarrettr@fas.usda.gov)

Mr. Hasse Kristensen  
Agricultural Specialist  
Office of Agricultural Affairs, U.S. Embassy  
Dag Hammarskjolds Alle 24  
DK-2100 Copenhagen Ø

**Phone:** +45 3526 1081

**Fax:F** +45 3543 0278

**Email:** [agcopenhagen@fas.usda.gov](mailto:agcopenhagen@fas.usda.gov)

Ms. Gerda Vandercammen  
Agricultural Specialist  
U.S. Foreign Agricultural Service  
27 Blvd. du Regent  
1000 Brussels  
Belgium

**Phone:** (322) 508 2763

**Fax:** (322) 511 0918

**Email:**

[vandercammeng@fas.usda.gov](mailto:vandercammeng@fas.usda.gov).

Ms. Edith E. Kennard  
Staff Officer  
U.S. Codex Office  
Food Safety and Inspection Service  
US Department of Agriculture  
Room 4861 South Building  
1400 Independence Avenue SW  
Washington, DC 20250

**Phone:** +1 202 720 5261

**Fax:** +1 202 720 3157

**Email** [edith.kennard@usda.gov](mailto:edith.kennard@usda.gov)

Mr. David Bossmann  
President  
American Feed Industry Association  
1501 Wilson Boulevard  
Suite 1100  
Arlington, Virginia 22209

**Phone:** +1 703 524 0810

**Fax:** +1 703 524 1921

**Email:** [dbossman@afia.org](mailto:dbossman@afia.org)

Mr. Kyd Brenner  
Vice President  
Corn Refiners Association, Inc.  
1701 Pennsylvania Avenue, NW  
Washington, DC 20006

**Phone:** +1 202 331 1634

**Fax:** +1 202 331 2054

**INTERNATIONAL GOVERNMENTAL ORGANIZATIONS****EUROPEAN COMMISSION**

Ms. Gudrun Gallhoff  
European Commission  
Codex Alimentarius Co-ordinator  
Director general Health and Consumer  
Protection

**Phone:** +32 22 96 71 28

**Fax:** +32 22 96 09 51

**Email:** [codex@cec.eu.int](mailto:codex@cec.eu.int)

Ms. Almudena Rodriquez-Sanchez Beato  
DG SANCO  
Secteur Nutrition Animale  
101, Rue Froissara  
B-1040 Bruxelles

**Email:** [AlmudenaRodriquez-Sanchez-Beato.@cec.eu.int](mailto:AlmudenaRodriquez-Sanchez-Beato.@cec.eu.int)

**EUROPEAN UNION COUNCIL SECRETARIAT**

Mr. Paul Culley  
Head of Unit  
European Union - Council Secretariat  
175 Rue de la Loi  
1048 Brussels

**Phone:** +32 2285 61 97

**Fax:** +32 2285 79 28

**Email:** [paul.culley@consilium.eu.int](mailto:paul.culley@consilium.eu.int)

**OIE**

Yoshiyuki Oketani DVM.  
Chargé de mission  
Office International des Épizooties (OIE)  
12, rue de Prony  
75017 Paris  
France

**Phone:** +33 1 44 15 18 88

**Fax:** +33 1 42 67 09 87

**Email:** [y.oketani@oie.int](mailto:y.oketani@oie.int)

**INTERNATIONAL NON-GOVERNMENTAL ORGANIZATIONS****ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS (AAFCO)**

Mr. Roger Doyle Hoestenbach, Jr.  
Head of delegation  
Head,  
Texas Feed and Fertilizer Control Service  
Assoc. of American Feed Control Officials  
P.O. Box 3160  
College Station,  
TX 77841 3160

**Phone:** +1 979 845 1121

**Fax:** +1 979 845 1389

**Email:** [r-hoestenbach@tamu.edu](mailto:r-hoestenbach@tamu.edu)

**ASOCIACIÓN LATINOAMERICANA DE AVICULTURA (ALA)**

Ing<sup>o</sup> Juan Daniel Irigoyen  
Representante de ALA ante CODEX  
Ingeniero Agrónomo  
Corrientes 119, piso 7<sup>o</sup>, Oficina "710"  
1043 Buenos Aires,  
Argentina

**Phone:** +54 11 4313 5666

**Fax:** +54 11 4313 5666

**Email:** [capia@ssdnet.com.ar](mailto:capia@ssdnet.com.ar)

**COCERAL**

Mr. Bernd Gruner  
Assistant Secretary General

Mr. Wolfgang Westphal  
Square de Meeûs 18  
B - 1050 Brussels  
Belgium

**Phone:** +32 2 502 0808

**Fax:** +32 2 502 6030

**Email:** [secretariat@coceral.com](mailto:secretariat@coceral.com)

**CONFÉDÉRATION MONDIALE DE L'INDUSTRIE DE LA SANTÉ ANIMALE (COMISA)**

Mr. John B. Walton  
ELANCO  
Kingsclere Road  
Basingstoke, RG21 5SY  
United Kingdom

**Phone:** +44 1256 315869  
**Fax:** +44 1256 315586  
**Email:** [Walton.John.B@lilly.com](mailto:Walton.John.B@lilly.com)

Ms. Sondra Flick  
 COMISA  
 Alpharma Inc.  
 Animal Health Division  
 One Executive Drive  
 Fort Lee, NJ 07024  
 U.S.A.

**Phone:** +1 201 947 7774  
**Fax:** +1 201 947 3879  
**Email:** [sandy.flick@alpharma.com](mailto:sandy.flick@alpharma.com)

Dr. Warren Marty Strauss  
 Director, Global Regulatory Affairs  
 Monsanto Company  
 600, 13<sup>th</sup> Street NW - Suite 660  
 Washington, DC 20005  
 U.S.A.

**Phone:** +1 202 383 2845  
**Fax:** +1 202 783 1924  
**Email:**  
[warren.m.strauss@monsanto.com](mailto:warren.m.strauss@monsanto.com)

### **CONSUMERS INTERNATIONAL**

Ms. Diane McCrea  
 Consultant to Consumers' Association, UK  
 17 Vernon Road  
 London N8 0QD  
 United Kingdom

**Phone:** +44 20 8889 4226  
**Fax:** +44 20 8352 0564  
**Email:** [diane@mccrea1.demon.co.uk](mailto:diane@mccrea1.demon.co.uk)

Dr. Nita Pillai  
 Consumers International Policy Officer -  
 Global food Programme  
 24 Highbury Crescent  
 London N5 1RX  
 United Kingdom

**Phone:** +44 20 7226 6663  
**Fax:** +44 20 7354 0607  
**Email:** [npillai@consint.org](mailto:npillai@consint.org)  
**Web:**  
<http://consumersinternational.org>

Ms. Elizabeth Nerwande  
 Executive Director

Consumer Council of Zimbabwe (CCZ)  
 19 Weale Road, Milton Park  
 P.O. Box UA582, Harare  
 Zimbabwe

**Phone:** +263 4 778122  
**Fax:** +263 4 775935  
**Email:**  
[consumer@africanline.co.zw](mailto:consumer@africanline.co.zw)

Prof. Soewarno T. Soekarto  
 Yayasan Lembaga Konsumen  
 Indonesia Jalan Pancoran Barat VII/I  
 Selatan 12760  
 Indonesia

**Phone:** +62 21 7981 858  
**Home:** +62 251 621 314  
**Fax:** +62 21 7981 038  
**Home:** +62 251 326725  
**Email:** [konsumen@rad.net.id](mailto:konsumen@rad.net.id)

Dr. Michael Hansen  
 Research Associate  
 Consumer Policy Institute-Consumers Union  
 101 Truman Avenue, Yonkers  
 New York 10703-1057  
 U.S.A.

**Phone:** +1 914 378 2457  
**Fax:** +1 914 378 2928  
**Email:** [hansmi@consumer.org](mailto:hansmi@consumer.org)

Prof. Rumiana Vachkova-Petrova  
 Bulgarian Consumers Federation  
 21 Serdika Street  
 1202 Sofia  
 Bulgaria

**Phone:** +359 2 983 53 00  
**Fax:** +359 2 983 53 00  
**Email:** [vachpetr@mail.netplus.bg](mailto:vachpetr@mail.netplus.bg)

### **EUROPEAN ANIMAL FAT PROCESSORS ASSOCIATION (UNEGA)**

Karl Rappold  
 Vice president  
 UNEG  
 Resenweg 1  
 97084 Würzburg  
 Germany

**Phone:** +49 931 6 14 06 50  
**Fax:** +49 931 6 14 06 60  
**Email:** [karl.rappold@unimelt.com](mailto:karl.rappold@unimelt.com)

**EUROPEAN FEED MANUFACTURERS'  
FEDERATION (FEFAC)**

Mr. Arnaud Bouxin  
Deputy Secretary General  
FEFAC  
223 Rue de la Loi  
Box 3  
B- 1040 Brussels  
**Phone:** +32 2 285 0050  
**Fax:** +32 2 230 57 22  
**Email:** [fefac@fefac.org](mailto:fefac@fefac.org)

Mr. Alexander Döring  
Secretary General  
FEFAC  
223 Rue de la Loi  
Box 3  
B-1040 Brussels  
**Phone:** +32 2 285 0050  
**Fax:** +32 2 230 5722  
**Email:** [fefac@fefac.org](mailto:fefac@fefac.org)

**INTERNATIONAL DAIRY FEDERATION  
(IDF)**

Mr. Claus Heggum  
Danish Dairy Board  
Frederiks Allé 22  
8000 Århus C  
Denmark  
**Phone:** +45 87 31 20 00  
**Fax:** +45 87 31 20 01  
**Email:** [ch@mejeri.dk](mailto:ch@mejeri.dk)

**INTERNATIONAL FISHMEAL AND OIL  
MANUFACTURERS ASSOCIATION  
(IFOMA)**

Mr. Frank Mink  
2 College Yard, Lower Dagnall Street  
St Albans, Hertfordshire AL3 4PA  
United Kingdom  
**Phone:** +44 01727 842 844  
**Fax:** +44 01727 840 866  
**Email:** [ifoma@email.msn.com](mailto:ifoma@email.msn.com)

**GRAIN AND FEED TRADE  
ASSOCIATION  
(GAFTA)**

Mr. Randall Warin  
Gafta House 6, Chapel Place  
Rington Street  
London EC2A 3SH  
United Kingdom  
**Phone:** +44 20 7814 9666  
**Fax:** +44 20 7814 8383  
**Email:** [randallwarin@gafta.com](mailto:randallwarin@gafta.com)

**INTERNATIONAL FEED INDUSTRI  
FEDERATION (IFIF)**

Prof Lindela Rowland  
International Feed Industry Federation  
Private Bag XII06, Sovenga 0727  
South Africa  
**Phone:** +27 15 268 2186  
**Fax:** +27 15 268 2892  
**Email:** [ndlovul@unin.unorth.ac.za](mailto:ndlovul@unin.unorth.ac.za)

Mr. Roger Gilbert  
International Feed Industry Federation  
214 Prestbury Road, Cheltham  
GL52 3ER  
United Kingdom  
**Phone:** +44 1242 267 702  
**Fax:** +44 1242 267 701  
**Email:** [ifif@gilbert.dircon.co.uk](mailto:ifif@gilbert.dircon.co.uk)

Dr. Cliff Adams  
International Feed Industry Federation  
Industriezone Wolfstee  
2200 Herentals  
Belgium  
**Phone:** +32 14 21 59 11  
**Fax:** +32 14 22 41 76  
**Email:** [cliff.adams@kemin.be](mailto:cliff.adams@kemin.be)

Dr. S. Vaidya  
International Feed Industry Federation  
42 Shaniwarpeth  
Pune 411030 (M.S.)  
India  
**Phone:** +91 20 4481152  
**Fax:** +91 20 1193578

Dr. Manop Potchanakorn  
Charoen Pokphand Group Company Limited  
Feed Technology Office  
14<sup>th</sup> floor C.P. Tower  
313 Silom Road  
Bangkok 10500  
Thailand

**Phone:** +66 2 638 2217  
**Fax:** +66 2 638 2119  
**Email:** manop\_fm@hi-soft.com

***INTERNATIONAL UNION OF FOOD  
SCIENCE AND TECHNOLOGY (IUFoST)***

Mr. John Lupien  
Via d. Fonte d. Fauno 22  
00153 Rome  
Italy

**Phone:** +39 06 578 2060  
**Fax:** +39 06 574 3786  
**Email:** [lupien@srd.it](mailto:lupien@srd.it)

***WORLD RENDERERS ORGANIZATION  
(WRO)***

Mr. Freddy J. Ib  
Senior Vice President  
International Relations  
DAKA. a.m.b.a.  
Ribevej 53  
8723 Løsning  
Denmark

**Phone:** +45 7674 5111  
**Fax:** +45 7674 5110  
**Email:** [FI@daka.dk](mailto:FI@daka.dk)

***WORLD VETERINARY ASSOCIATION  
(WVA)***

Mr. Michael Krause  
Veterinarian  
The Danish Veterinary Association  
Rosenlund Allé 8  
2720 Vanløse  
Denmark

**Phone:** +45 38 71 08 88  
**Fax:** +45 38 71 03 22  
**Email:** [ddd@ddd.dk](mailto:ddd@ddd.dk)

***Joint FAO/WHO Food Standards  
Programme Secretariat***

Dr. Alan Randell  
Joint FAO/WHO Food Standards Programme  
FAO  
Viale delle Terme di Caracalla  
00100, Rome  
Italy

**Phone:** +39 06 5705 4390  
**Fax:** +39 06 5705 4593  
**Email:** [alan.randell@fao.org](mailto:alan.randell@fao.org)

Dr. Mun-Gi Sohn  
Joint FAO/WHO Food Standards Programme  
FAO  
Viale delle Terme di Caracalla  
00100 Rome  
Italy

**Phone:** +39 06 5705 5524  
**Fax:** +39 06 5705 4593  
**Email:** [mungi.sohn@fao.org](mailto:mungi.sohn@fao.org)

Mr. Christophe Leprêtre  
Joint FAO/WHO Food Standards Programme  
FAO  
Viale delle Terme di Caracalla  
00100 Rome  
Italy

**Phone:** +39 06 5705 5621  
**Fax:** +39 06 5705 4593  
**Email:** [christophe.lepretre@fao.org](mailto:christophe.lepretre@fao.org)

***FAO Personnel***

Dr. Ezzedine Boutrif  
Office-in-Charge  
Food and Agriculture Organization of the  
United Nations  
Viale delle Terme di Caracalla  
Rome 00100  
Italy

**Phone:** +39 06 5705 6156  
**Fax:** +39 06 5705 4593  
**Email:** [ezzeddine.boutrif@fao.org](mailto:ezzeddine.boutrif@fao.org)

Dr. Andrew Speedy  
Senior officer  
AGA/FAO  
Food and Agriculture Organization of the  
United Nations  
Viale delle Terme di Caracalla  
Rome 00100  
Italy

**Phone:** +39 06 5705 2425  
**Fax:** +39 06 5705 5749  
**Email:** [andrew.speedy@fao.org](mailto:andrew.speedy@fao.org)

Christina Nimb  
Secretary  
Danish Plant Directorate  
Skovbrynet 20  
DK 2820 Lyngby  
Denmark

**Phone:** +45 45 26 36 00  
**Fax:** +45 45 26 36 10  
**Email:** [cni@pdir.dk](mailto:cni@pdir.dk)

### *WHO Personnel*

Dr. H.P. Braam  
World Health Organization  
CDS/CSR/APH Avenue Appia 20  
CH-1211 Geneva  
Switzerland

**Phone:** +41 22 7912607  
**Fax:** +41 22 7914893  
**Email:** [braamp@who.ch](mailto:braamp@who.ch)

### *DANISH SECRETARIAT/ SECRETARIAT DANOIS*

Mr. Bent Toft Viuf  
Senior Adviser  
Danish Plant Directorate  
Skovbrynet 20  
DK 2820 Lyngby  
Denmark

**Phone:** +45 45 26 36 00  
**Fax:** +45 45 26 36 10  
**Email:** [btv@pdir.dk](mailto:btv@pdir.dk)

Patricia Damkjær  
Executive Secretary  
Danish Plant Directorate  
Skovbrynet 20  
DK 2820 Lyngby  
Denmark

**Phone:** +45 45 26 36 00  
**Fax:** +45 45 26 36 10  
**Email:** [pda@pdir.dk](mailto:pda@pdir.dk)