

***CGRFA-10/04/REP***

# **Tenth Regular Session of the Commission on Genetic Resources for Food and Agriculture**

**Rome, Italy, 8 – 12 November 2004**



**Food and Agriculture Organization of the United Nations**



**CGRFA-10/04/REP**

**REPORT OF THE COMMISSION ON GENETIC RESOURCES  
FOR FOOD AND AGRICULTURE**

**Tenth Regular Session  
Rome, 8 - 12 November 2004**

**FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS  
Rome, 2004**

The documents of the Tenth Session of the  
Commission on Genetic Resources for Food and Agriculture  
are to be found on the internet at <http://www.fao.org/ag/cgrfa/docs10.htm>.

They may also be obtained from:

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**CONTENTS**


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	<i>Para.</i>
I. Introduction	1
II. Opening Ceremony for the Twentieth Anniversary of the Commission	2-11
III. Opening of the Session and election of the Chair and Vice-Chairs	12-16
IV. Plant genetic resources	17-39
V. Animal genetic resources	40-62
VI. Reports from international organizations on their policies, programmes and activities on agricultural biological diversity	63-69
VII. Consideration of FAO's policies, programmes and activities on agricultural biological diversity	70-74
VIII. Cooperation with the Convention on Biological Diversity	75-77
IX. Progress on the Draft Code of Conduct on Biotechnology as it Relates to Genetic Resources for Food and Agriculture: policy issues, gaps and duplications	78-82
X. Future work of the Commission	83-91
XI. Closing statements	92-94
XII. Date and place of the next session	95

*Appendices*

- A. Agenda of the Tenth Session of the Commission on Genetic Resources for Food and Agriculture
- B. Members of the FAO Commission on Genetic Resources for Food and Agriculture
- C. Membership of the Inter-governmental Technical Working Groups, on Animal Genetic Resources for Food and Agriculture, and on Plant Genetic Resources for Food and Agriculture
- D. Statements
  - D1. Statement by Mr. David A. Harcharik, Deputy Director-General, FAO
  - D2. Statement by Mr. Hamdallah Zedan, Executive Secretary, Convention on Biological Diversity
  - D3. Statement by Mr. Emile Frison, Director General, International Plant Genetic Resources Institute (IPGRI)
  - D4. Statement by the permanent representative of Romania, on behalf of the European Regional Group

- D5. Statement by the permanent representative of Colombia, on behalf of Latin America and Caribbean Regional Group
- D6. Statement by Mr. Robert Bertram, Outgoing Chair of the Commission
- E. List of thematic background studies for the preparation of the second *State of the World's Plant Genetic Resources for Food and Agriculture*
- F. Objective, operational principles, activities and operational structure of the Facilitating Mechanism for the implementation of the *Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture*
- G. List of documents
- H. List of Organizations that provided reports to the Tenth Regular Session of the Commission
- I. List of delegates and observers

## I. INTRODUCTION

1. The Tenth Session of the Commission on Genetic Resources for Food and Agriculture met in Rome, Italy, from 8-12 November 2004. The list of delegates and observers is attached as *Appendix I*.

## II. OPENING CEREMONY FOR THE TWENTIETH ANNIVERSARY OF THE COMMISSION

2. Mr. David Harcharik, Deputy Director-General of the FAO, welcomed the delegates and observers to the celebration of the twentieth anniversary of the FAO Commission on Genetic Resources for Food and Agriculture. He stressed that the Commission was the first inter-governmental body to specifically address genetic resources for food and agriculture, and the only body that continues to comprehensively address the needs, problems and complexities of the agriculture sector, in regard to genetic resources for food and agriculture. Mr. Harcharik noted the many accomplishments of the Commission in its twenty years of existence, highlighting the adoption by the FAO Conference of the International Treaty on Plant Genetic Resources for Food and Agriculture, and its coming into force in 2004. He stressed that, while these achievements were impressive, genetic erosion continued to threaten food security. The Commission should, in particular, identify the key questions that the international community needs to address, in relation to genetic resources for food and agriculture, in order to inform its future work priorities. (Mr. Harcharik's speech is in *Appendix D1*.)

3. Mr. Hamdallah Zedan, Executive Secretary of the Convention on Biological Diversity (CBD), stated that he was delighted to address the Commission, on the occasion of its twentieth anniversary. He recognized the significant achievements of the Commission, in its twenty years of existence, of which the adoption and entry into force of the International Treaty on Plant Genetic Resources for Food and Agriculture was perhaps the greatest.

4. Mr. Zedan noted that FAO had contributed extensively to the negotiation process for the Convention on Biological Diversity. It had, since entry into force in 1993, provided essential support for many of its initiatives, and had played a substantial role in developing and implementing the Convention's Programme of Work on Agricultural Biodiversity. He noted that FAO was leading the CBD's Global Initiatives on Soil Biodiversity, and on Pollinators. FAO had also pioneered the use of important methodologies, such as farmer field schools, in the context of integrated pest management. Mr. Zedan emphasized that, while much had been accomplished in addressing agro-biodiversity issues, many challenges remained. In considering decision-making for biodiversity, no sectors were more important than agriculture, forestry and fisheries: FAO and its Commission would have a key role to play in ensuring coherent policy-making across sectors. He invited FAO and its Commission to contribute to meeting the objectives of the Convention, and achieving the Convention's 2010 target of significantly reducing the rate of biodiversity loss, thereby contributing to the Millennium Development Goals, particularly Millennium Goal no. 1, of reducing hunger by half by 2015, which was the goal set by the World Food Summit in 1996. (Mr. Zedan's speech is in *Appendix D2*.)

5. Mr. Emile Frison, Director-General of the International Plant Genetic Resources Institute (IPGRI), addressed the Commission on behalf of the fifteen Future Harvest Centres of the Consultative Group on International Agricultural Research (CGIAR). He congratulated the Commission on its many achievements, noting that 2004 was a very important year for genetic resources: it was the year in which the International Treaty had come into force; in which the Global Crop Diversity Trust Fund had been legally established as a new international organization; in which the theme of the World Food Day had been "Biodiversity for Food Security"; in which the theme of the International Day for Biological Diversity had been "Food, Water and Health for all"; and in which genetic resources featured in the International Year of Rice. Mr. Frison noted that 2004 had also marked IPGRI's Thirtieth anniversary, in which IPGRI

would be launching a new strategy, “Diversity for Wellbeing: making the most of agricultural biodiversity”.

6. Mr. Frison stressed the need for increasing public awareness of the essential roles of genetic resources and of their contribution to food security, nutrition and economic development. He noted that the International Livestock Research Institute (ILRI), the International Centre for Agricultural Research in the Dry Areas (ICARDA), IPGRI and FAO were broadening their collaboration, including through initiatives such as a conference on options and strategies for the conservation of animal genetic resources, planned to be held in Montpellier, France, in 2005. The Future Harvest Centres were also collaborating through ongoing efforts to improve access to information on materials in *ex situ* collections, and through the development of regional and crop strategies, in the context of the Global Crop Diversity Trust. He emphasized the willingness of the Future Harvest Centres to assist the Commission in its future work. (Mr. Frison’s speech is in *Appendix D3*.)

7. Panama, speaking on behalf of the G77, noted the very significant contributions of the Commission over the past 20 years, and expressed its gratitude to FAO, and to the Secretary for the Commission, for these achievements.

8. The Netherlands, speaking on behalf of the European Community and its twenty-five Member States, stated that the European Community had supported the work of the Commission over the years, and would continue in future to do so. There had been significant progress in addressing the erosion of biodiversity, through initiatives such as the *Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture*, the Global Strategy for the Management of Farm Animal Genetic Resources, and the International Treaty, but much remained to be done. It was now crucial that the Commission set clear priorities, in particular in its functions of contributing to the implementation of the International Treaty, of contributing to advancing the equitable sharing of benefits arising from the use of genetic resources in general, and through strengthening partnerships in order to achieve global biodiversity targets.

9. A representative of the Action Group on Erosion, Technology and Concentration (ETC) congratulated the Commission on its achievements over twenty years, noting that it had provided an important venue for members of civil society organizations to participate in the discussion and debate on genetic resources policy matters. He stressed that establishment of the Commission itself had been an important achievement, and that the *Global Plan of Action*, the International Treaty, and the Global Crop Diversity Trust were all important milestones. He stressed that much remained to be done in regard to Farmers’ Rights, in developing policies in relation to new technologies, and in addressing animal genetic resources.

10. A representative of the Southern African Development Community (SADC) noted the many impressive accomplishments of the Commission over the past twenty years. He indicated that many SADC states were participating in networks for plant genetic resources, and that the Community looked forward to future collaboration with the FAO and the Commission, and with the Governing Body of the International Treaty.

11. The Permanent Representative of Colombia, on behalf of the Latin America and Caribbean Regional Group, welcomed the significant achievements of the Commission over twenty years. (His speech is attached as *Appendix D5*.)



### III. OPENING OF THE SESSION AND ELECTION OF THE CHAIR AND VICE-CHAIRS

12. The outgoing Chair of the Commission, Mr. Robert Bertram (United States of America), welcomed delegates and observers. He noted the many accomplishments of the Commission over twenty years in addressing the erosion of genetic resources for food and agriculture. The negotiation of the International Treaty had been a major achievement, but the Commission needed to continue to address plant genetic resources. While there had been progress in addressing animal genetic resources, the Commission should now give greater attention to the urgent need to address the conservation and sustainable use of these essential resources. He stressed the need for the Commission to continue promoting partnerships for the conservation and sustainable use of genetic resources, and to remain as a strong voice for farmers and the agricultural sector. The agricultural sector, through the Commission, was the voice of agriculture in the international debate. The Commission should also address the need to better link the conservation and use of genetic resources to economic development and poverty reduction, and for sound science to underpin policy development. (His speech is attached as *Appendix D6*.)

13. Ms. Louise Fresco, Assistant Director-General, Agriculture Department, welcomed delegates and observers, in particular the new Members of the Commission, Serbia and Montenegro, and Kuwait. This brought the membership of the Commission to 167 countries and the European Community. She noted that the Commission would both address a number of important matters in the current session, and plan the Commission's future programme. In doing this, the Commission needed to address how best to incorporate the *Global Plan of Action* into national level action plans, to strategically plan how to proceed with animal genetic resources, and how best to collaborate with the Governing Body of International Treaty, and with other organizations, such as the Convention on Biological Diversity and the Future Harvest Centres. She stressed the need to increase public awareness of the roles and values of genetic resources for food and agriculture.

14. The Chair and Vice-Chairs of the Commission for the Tenth Regular Session were then elected: Mr Eng Siang Lim (Malaysia) as Chair, and, as Vice-Chairs, Ms. Elzbieta Martyniuk (Poland), Mr. Campbell Davidson (Canada), Ms. Kristiane Herrmann (Australia), Mr. Carlos Mezzadra (Argentina), Mr. M'Naouer Djemali (Tunisia), and Mr. Ghaleb El-Eryani (Yemen). Ms. Grethe Evjen (Norway) was elected *Rapporteur*.

15. In taking up the Chair, Mr. Lim thanked Mr. Bertram for his strong guidance, and emphasized that the Commission, to be successful, must add value to its many accomplishments in previous Sessions.

16. The Commission adopted the Agenda, as given in *Appendix A*.

### IV. PLANT GENETIC RESOURCES

#### **Overview of the FAO Global System for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture and its potential contribution to the implementation of the International Treaty on Plant Genetic Resources for Food and Agriculture**

17. The Commission considered the document, *Overview of the FAO Global System for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture and its potential contribution to the implementation of the International Treaty on Plant Genetic*

*Resources for Food and Agriculture*.<sup>1</sup> It acknowledged the importance of the Global System in advancing the work on plant genetic resources, and emphasized the need, in future work, to avoid overlap and duplication between components of the Global System, as well as between the Global System and the International Treaty.

18. The Commission suggested that work undertaken for the Commission and for the Governing Body of the International Treaty should be complementary, and optimize the potential for synergy between them. It noted the importance of building capacity, particularly in developing countries, in relation to the implementation of various components of the Global System.

19. The Commission highlighted that the Governing Body of the International Treaty would have a considerable work load. It expressed its willingness to develop its work on the Global System in ways that would complement the objectives of the International Treaty.

20. The Commission accordingly recommended the continuation of work related to the Global System, and requested the Secretariat to prepare a paper on actions taken by the Commission, and on its future work in relation to the Global System, and decided that the Commission would present such a paper to the Governing Body of the Treaty.

### **Report of the Second Session of the Inter-governmental Technical Working Group on Plant Genetic Resources for Food and Agriculture**

21. The Commission considered the *Report of the Second Session of the Inter-governmental Technical Working Group on Plant Genetic Resources for Food and Agriculture*,<sup>2</sup> adopted it, and thanked its Chair, Mr. Eng Siang Lim (Malaysia), and the Members of the Working Group, for their excellent work.

### **Preparation of the Second Report on the State of the World's Plant Genetic Resources for Food and Agriculture**

22. The Commission considered the document, *Progress in the Preparation of the Second Report on the State of the World's Plant Genetic Resources for Food and Agriculture*.<sup>3</sup> The second *Report* should provide objective information and analysis and identify priorities, as a basis for updating the rolling *Global Plan of Action*. The Commission encouraged Members and other countries and relevant organizations, such as IPGRI, to participate in the preparatory process. It adopted the steps for preparing the second *Report* recommended in the Working Group's report,<sup>4</sup> and requested FAO to revise the timeline, on the basis that the second *Report* would be completed in 2008. It confirmed that the preparatory process for the second *Report* should be fully integrated into the process of monitoring the implementation of the *Global Plan of Action*, in order to minimize the reporting burden on Members. The Commission called upon donor countries and international organizations to assist, by providing the financial resources required for the full participation of all countries in the preparation of the second *Report on the State of the World's Plant Genetic Resources for Food and Agriculture*, including in the monitoring of the implementation of the *Global Plan of Action*.

23. The Commission approved the list of thematic background studies, as given in *Appendix E* to the present report, confirming that priority should be given to updating the first *Report on the State of the World's Plant Genetic Resources for Food and Agriculture*, focusing, as far as possible, on changes that had occurred since its adoption. The Commission confirmed that the proposed thematic studies should be carried out, as far as resources allowed.

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<sup>1</sup> CGRFA-10/04/3.

<sup>2</sup> CGRFA-10/04/4.

<sup>3</sup> CGRFA-10/04/5 Add.1.

<sup>4</sup> CGRFA/WG-PGR-2/03/REPORT, *Appendix D*.

24. The Commission took note of the draft Guidelines for Country Reports,<sup>5</sup> and observed that these should be further considered and refined at regional meetings, before their finalization.

### **Implementing and monitoring the implementation of the *Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture***

25. The Commission considered the document, *Country progress report on the state of implementation of the Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture*.<sup>6</sup> It expressed appreciation for this overview, noting that assistance in capacity-building remained a vital issue, and requested relevant institutions to respond favourably to requests for such assistance. The Commission also noted the increasing regional differences in the degree of implementation of the *Global Plan of Action*, and considered that initiatives to share tasks at the regional and international levels should be promoted.

26. The Commission recognized the importance of an efficient system for monitoring the implementation of the *Global Plan of Action*, in terms of planning, priority-setting and achieving the mobilization of financial resources to support national plant genetic resource programmes. It reviewed progress in developing its new approach for monitoring implementation of the *Global Plan of Action*, which promotes a country-driven, participatory and capacity-building process, culminating in the establishment of national information-sharing mechanisms. The Commission acknowledged the successful pilot phase and its evaluation, and adopted the revised indicators and reporting format for monitoring the implementation of the *Global Plan of Action* that were presented in the document, *Indicators and reporting format for monitoring the implementation of the Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture*.<sup>7</sup> It supported the application of the new monitoring approach to all countries, in view of the integration of these monitoring activities with the preparation of the second *Report on the State of the World's Plant Genetic Resources for Food and Agriculture*. The Commission invited the Future Harvest Centres to collaborate with FAO in both processes.

### **Facilitating the Implementation of the *Global Plan of Action***

27. The Commission discussed the establishment within FAO of the Facilitating Mechanism for the Implementation of the *Global Plan of Action*, noting the great need to build countries' capacities to implement the *Plan*.<sup>8</sup> It noted support from both FAO and IPGRI for the Facilitating Mechanism, and acknowledged positively the desire and willingness of the Global Forum for Agricultural Research (GFAR) to become a partner in the Facilitating Mechanism. Brazil offered the use of its expertise and facilities, to build capacity for the implementation of the *Global Plan of Action* through the Facilitating Mechanism, in cooperation with IPGRI and FAO. The Commission expressed its appreciation for this generous offer.

28. The Commission reviewed a proposal by the Inter-governmental Technical Working Group on Plant Genetic Resources, which contained an objective, operational principles, activities and operational structure for the Facilitating Mechanism. It agreed that the objective of the Facilitating Mechanism should be to facilitate the implementation of the *Global Plan of Action*, and to encourage the mobilization of technical and financial resources to do so. The Commission cautioned the partners of the Facilitating Mechanism to avoid potential conflict of interest in developing and packaging project proposals. It supported the objective, operational principles, activities, and operational structure of the Facilitating Mechanism, as given in *Appendix F*.

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<sup>5</sup> CGRFA-10/04/Inf.8.

<sup>6</sup> CGRFA-10/04/Inf.6.

<sup>7</sup> CGRFA-10/04/Inf.5.

<sup>8</sup> CGRFA-10/05/5 para. 11-18.

### **The International Network of *Ex Situ* Collections under the Auspices of FAO**

29. The Commission considered the document, *Report on the International Network of Ex Situ Collections under the Auspices of FAO*.<sup>9</sup> It recognized the important role of these collections in the conservation and sustainable use of plant genetic resources for food and agriculture. The Commission noted that over 700,000 samples of plant genetic resources for food and agriculture had been distributed from these collections. It was reported that the CGIAR Centres had had good experience in the use of the “shrink-wrap” interim Material Transfer Agreement.

### **International Plant Genetic Resources Networks**

30. The Commission considered the criteria for, and characteristics of, effective and efficient crop, regional and thematic networks, as well as the process initiated by the Secretariat regarding the further contribution of networks in the implementation of the *Global Plan of Action*.<sup>10</sup> It agreed that support for the functioning of effective networks, and strengthening of collaboration among networks, should be promoted, and that case studies on successful networks should be made available.

### **The International Code of Conduct for Plant Germplasm Collecting and Transfer**

31. During its second session, members of the Inter-governmental Technical Working Group on Plant Genetic Resources had noted the continued usefulness of the various elements of the *Code of Conduct for Plant Germplasm Collecting and Transfer*, including in developing national legislation. The Commission endorsed the recommendation made by the Working Group, that, in light of other priorities in the work of the Commission and in the development of the International Treaty, it was inappropriate, at present, to update the *Code of Conduct*, while noting that consideration of the *Code* remained on the Commission’s agenda.

### **Strengthening Seed Systems**

32. The Commission considered the document, *Strengthening Seed Systems*,<sup>11</sup> which had been revised, as recommended by the Inter-governmental Technical Working Group on Plant Genetic Resources. It recommended that FAO, in collaboration with other relevant agencies, carry out a gap-analysis, to explore how the Commission might contribute toward strengthening seed systems in a way that complemented, and did not duplicate, efforts by other organizations. Several countries voiced support for the need for capacity-building to strengthen seed systems in developing countries and countries with economies in transition, in partnerships with other initiatives.

### **Toward the Sustainable Use of Plant Genetic Resources for Food and Agriculture: Strengthening Plant Breeding**

33. The Commission considered the recommendations of the Inter-governmental Working Group on Plant Genetic Resources in relation, in particular, to the assessment of national capacities and priorities in plant breeding, and specific training to strengthen such capacity, including the use of appropriate biotechnologies, when requested. Several countries stated that plant breeding is a major issue for developing countries, and stressed the need to strengthen plant breeding capacity in developing countries.

### **Global Crop Diversity Trust**

34. The Chairman of the Global Trust’s Interim Panel of Eminent Experts, Ambassador Fernando Gerbasi, informed the Commission that the Global Crop Diversity Trust had been

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<sup>9</sup> CGRFA-10/04/6.

<sup>10</sup> CGRFA-10/04/5, para. 34-37.

<sup>11</sup> CGRFA-10/04/inf.7.

legally established, as an independent international organization, on 21 October, 2004. He stated that the development of regional and crop strategies, for the use of the resources of the Trust, was well under way. The Commission noted that a full status report on the Global Crop Diversity Trust would be made available to the Second Meeting of the Commission on Genetic Resources for Food and Agriculture acting as Interim Committee for the International Treaty on Plant Genetic Resources for Food and Agriculture.

### **Other Initiatives**

35. Norway informed the Commission that it was studying the possibility of establishing an international depository in the permafrost conditions of Svalbard, where countries and organizations might, if they wished, store plant genetic resources under “black box” conditions. This was intended to be a contribution to the security of the world’s *ex situ* collections, and would not be an active collection, that is, no vitality monitoring or sample regeneration would occur, rather it would be an ultimate security back-up, to be accessed only in the last resort. Norway would determine the governance structure, in consultation with interested parties, and envisaged an international steering committee. It stressed that the project was currently under study, and that a positive feasibility study had been completed.

36. Countries expressed their support for, and willingness to participate in the Norway initiative. SADC informed the Commission of its very positive experience with the Nordic countries, including the use of some existing facilities at Svalbard. IPGRI, on behalf of the CGIAR Centres, expressed its support for the idea of establishing a Svalbard depository, and its intention to use the facility. The Commission welcomed and supported this initiative, and thanked Norway for this important initiative, which could contribute in an important way to the security of the world’s plant genetic resources.

37. The United Kingdom informed the Commission that it was advanced in its consideration of a programme of capacity-building in respect of seed banks in developing countries. This programme, designed specifically to address the issue of recalcitrant seeds, would be offered through the Royal Botanic Gardens, Kew, over a three year period. The Commission welcomed this initiative.

### **Future work of the Working Group on Plant Genetic Resources and the election of its Members**

38. The Commission requested the Inter-governmental Technical Working Group on Plant Genetic Resources for Food and Agriculture to:

- Identify and advise on activities undertaken by FAO, including through its Commission, to support the work of the Governing Body of the International Treaty, in relation to the Supporting Components of the Treaty, in order to move the process forward in a cost-effective and rational manner. The goal should be to prepare a preliminary analysis, for the Commission to consider, of how technical cooperation between the Commission and the Governing Body of the International Treaty might be advanced.
- Review and provide guidance on monitoring the implementation of the *Global Plan of Action*, and provide guidance concerning the *State of the World’s Plant Genetic Resources for Food and Agriculture*. An information document identifying, and providing comment on, relevant activities and processes in other forums is requested, including linkages to the work of the FAO.
- Considering the *Global Plan of Action*, review and provide guidance on the Organization’s initiatives for capacity-building to support the utilization of plant genetic resources for food and agriculture, through seed systems and plant breeding and genetic enhancement, including inviting information on the relevant activities of the CGIAR and other relevant stakeholders.

- Be informed of the proposal to establish a long-term germplasm conservation facility in Svalbard, Norway.
- Consider the development of the Global Crop Diversity Trust, its relationship at the technical level with FAO and IPGRI in particular, and its inter-relationship with other on-going international processes.
- Consider the document prepared by IPGRI, entitled *Draft Guiding Principles for the Future Harvest Centres to Address the Possibility of Unintended Presence of Transgenes in Ex Situ Collections*.
- Provide guidance to FAO on how it could best support countries, on request, to generate, compile and disseminate cultivar-specific nutrient composition data, as well as indicate the relative priority of obtaining cultivar-specific dietary consumption data, in order to demonstrate the role of biodiversity in nutrition and food security, as presented in document, *Report from FAO on its Policies, Programmes and Activities on Agricultural Biological Diversity: Cross-Sectorial Matters*.<sup>12</sup>

39. The Commission elected the members of the Inter-governmental Working Group on Plant Genetic Resources, as given in *Appendix C*.

## V. ANIMAL GENETIC RESOURCES

### Overview of the Global Strategy for the Management of Farm Animal Genetic Resources

40. The Commission considered the document, *Progress in the development of the Global Strategy for the Management of Farm Animal Genetic Resources*<sup>13</sup> and took note of the results of a survey, *Strengthening National Structures for the Management of Farm Animal Genetic Resources - Results of a Questionnaire Survey*,<sup>14</sup> and a background study paper on *Conservation Strategies for Animal Genetic Resources*.<sup>15</sup>

41. The Commission acknowledged that, while there had been significant progress to advance the Global Strategy for the Management of Farm Animal Genetic Resources since its last session, erosion of animal genetic resources was continuing. It recommended that further action should be taken immediately, to assist developing countries and countries with economies in transition, at the local and national levels, to better use, develop and conserve their animal genetic resources, as a means to enhance agricultural production and productivity, as part of efforts to achieve food security and rural development. The Commission noted that enhanced management of animal genetic resources would directly contribute to achieving the Millennium Development Goals.

42. The Commission stressed the need to strengthen National Focal Points for Animal Genetic Resources, as a crucial element to achieve the effective implementation of the Global Strategy. The Commission recognised the positive impact of the process of preparing the Country Reports in the establishment of national structures, and encouraged countries to continue to support their national committees for animal genetic resources. This would enable the committees to perform key functions to advance the national animal genetic resources agenda, and would provide opportunities for stakeholders to participate fully in the further development of the Global Strategy at the national level, including implementation of strategic priorities identified in the Country Reports.

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<sup>12</sup> CGRFA-10/4/10.2 para. 24.

<sup>13</sup> CGRFA-10/04/7.

<sup>14</sup> CGRFA-10/04/Inf.16.

<sup>15</sup> Background Study Paper Number 22.

43. The Commission emphasized the importance of Regional Focal Points, to better coordinate regional efforts in animal genetic resources, to further develop information-sharing, and to provide effective means for technical cooperation within and among countries in the regions. Noting the experience gained from the operation of the European Regional Focal Point, the Commission considered options for the establishment of cost-effective Regional Focal Points, noting the possibility to establish them either through regional bodies, or a host country agreement. The Commission encouraged FAO to continue to support the informal network of regional facilitators, until permanent regional structures to support the Global Strategy are established.

44. The Commission noted that the Global Strategy and the preparation of Country Reports had contributed to increased awareness of the functions and values of animal genetic resources, and stressed that continued efforts are needed to better inform and involve policy-makers in the implementation of priority actions identified in Country Reports.

45. The Commission noted, with appreciation, the work undertaken by FAO's Global Focal Point in Animal Genetic Resources, in the further development of the Global Strategy, especially in regard to the preparation of the first *Report on the State of the World's Animal Genetic Resources*. The Commission stressed the need to take immediate steps to implement concrete actions in countries, in agreement with national priorities presented in Country Reports and the draft *Report on Strategic Priorities for Action*.<sup>16</sup>

46. The Commission stressed the crucial importance of data and information-sharing, as a key means to further efforts to achieve the sustainable use, development, and conservation of animal genetic resources, and to address common challenges. It agreed that DAD-IS should be further developed, taking into account the needs of Member States, and that donor support for this purpose should be encouraged. Further development of DAD-IS should be user-driven.

47. The Commission emphasized the need for breed development in low- to medium- input production systems, and requested FAO, in collaboration with relevant partners, to finalize the development of the decision-support tools, to assist in the formulation of breeding programmes. The Commission stressed the importance of further implementing proven classical breeding programmes in extensive production systems.

48. The Commission stressed the need to mobilise additional financial resources for the further development of the Global Strategy, especially to enable regional training in the sustainable utilization and conservation of animal genetic resources and the implementation of the Global Strategy, and to provide developing countries with improved capacity to manage their animal genetic resources.

49. The Commission requested FAO, in collaboration with other relevant organizations, to prepare a proposal for a monitoring system for animal genetic resources, with options for establishing a country-based early warning and response mechanism. This work should be directly linked to the development and revision of indicators enabling monitoring of the endangerment status and trends, taking into account regional specificities.

50. The Commission requested FAO to elaborate a conceptual approach to the conservation of animal genetic resources, considering complementary *in situ* and *ex situ* measures, taking into account recent advances in relevant technologies and methodologies. It stressed that appropriate methodologies for *in situ* conservation were needed, and that community-based animal genetic resources conservation and management needed to be further developed. The Commission welcomed the initiative by FAO and the CGIAR System-wide Genetic Resources Programme, to convene a conference in 2005 on options and strategies for the conservation of animal genetic resources.

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<sup>16</sup> CGRFA-10/04/inf.9.

51. The Commission recommended that FAO continue to develop the components of the Global Strategy, in collaboration with all relevant international organisations, and requested the Inter-governmental Technical Working Group on Animal Genetic Resources to meet in 2006 to review progress and report to the Commission at its Eleventh Session.

### **Report of the Third Session of the Inter-governmental Technical Working Group on Animal Genetic Resources for Food and Agriculture**

52. The Commission considered the document, *Report of the Third Session of the Inter-governmental Technical Working Group on Animal Genetic Resources for Food and Agriculture*,<sup>17</sup> which had met from 31 March to 2 April 2004. Mr. Carlos Mezzadra (Argentina), Chair of the Working Group, introduced the report and its recommendations.

53. The Commission endorsed the Report of the Working Group and stressed the need to facilitate priority action at the country level, when configuring the constituent elements of a Follow-up Mechanism,<sup>18</sup> and to advance the establishment and operation of Regional Focal Points. It noted the importance of enhancing the capacity of National Focal Points and maintaining the awareness and interest in animal genetic resources that had resulted from the Country Report preparatory process.

### **Progress since the Ninth Regular Session of the Commission, including the Working Group on Animal Genetic Resources, in particular regarding the country-driven process for the preparation of the first Report on the State of the World's Animal Genetic Resources**

54. The Commission considered *Progress in the Preparation of the First Report on the State of the World's Animal Genetic Resources for Food and Agriculture*.<sup>19</sup> It expressed its gratitude to the governments of the United States of America, Finland, the Netherlands, Norway, and Germany, as well as to the Nordic Genebank Farm Animals, for their financial support of various activities related to the preparation of Country Reports. It acknowledged the dedicated efforts by FAO and other organizations, in supporting the preparatory process, in particular, the World Association for Animal Production.

55. The Commission endorsed the proposed revised time schedule for the completion of the first *Report on the State of the World's Animal Genetic Resources*, which indicated that a first draft of the *Report* would be available for consideration by the Inter-governmental Technical Working Group on Animal Genetic Resources in 2006. Upon review by the Working Group, the *Draft Report* would then be available to the Commission during its Eleventh Session in 2006.

56. The Commission decided that the first *Report on the State of the World's Animal Genetic Resources* should be finalized at the First International Technical Conference on Animal Genetic Resources in 2007, and agreed that a committee be set up, to plan for the Conference, and to develop an agenda, in consultation with the Inter-governmental Technical Working Group on Animal Genetic Resources. It stressed the importance of the Conference, both to provide an excellent opportunity to reach agreement on how to best address priorities for the sustainable use, development and conservation of animal genetic resources, and to raise awareness and appreciation of the various roles and values of these essential resources.

57. The Commission endorsed the suggested outline for the first *Report on the State of the World's Animal Genetic Resources*. It expressed concern for the delay in delivering the draft

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<sup>17</sup> CGFRA-10/04/8.

<sup>18</sup> Constituent elements comprise: mobilization of financial resources; providing support in project design and development and submission to relevant funding agencies; and enhancing communications and understanding of the roles and values of animal genetic resources and their contribution to food and agriculture (part II CGRFA-10/04/9 Add.1).

<sup>19</sup> CGRFA-10/04/9.



*Report on Strategic Priorities for Action*, and recommended that a detailed operational plan be prepared to identify the requirements necessary for timely preparation of the first *Report on the World's Animal Genetic Resources*. It stressed the need for a high quality document that will set the stage for policy discussion and act to generate public awareness of the roles and values of animal genetic resources.

58. The Commission noted that the draft *Report on Strategic Priorities for Action* will need to be further developed and structured, to include additional inputs, such as Country Reports and reports from international organizations submitted by December 2004, and should then be sent to the Members of the Inter-governmental Technical Working Group on Animal Genetic Resources, for review in 2005. It recommended that FAO undertake regional consultations in 2005, based on the updated draft *Report on Strategic Priorities for Action*.

59. The Commission recommended the establishment of the Follow-up Mechanism, led by the Global Focal Point, based upon the proposed constituent elements, as described in Part II of the document, *Initiation of the Follow-up Mechanism for the Implementation of Strategic Priorities for Action in Animal Genetic Resources*.<sup>20</sup> However, the proposed constituent elements of the Follow-up Mechanism should be reviewed and agreed upon by the Inter-governmental Technical Working Group on Animal Genetic Resources, in consultation with FAO, in 2006. It also stressed that much of the Follow-up Mechanism should be directed to the national and/or regional levels. The Commission acknowledged that there are substantial costs involved in implementing the proposed Follow-up Mechanism and the First International Technical Conference on Animal Genetic Resources, and appealed to donors to support these initiatives. It also stressed the need for funding to be provided by FAO from its Regular Programme, as well as for extra-budgetary funds.

60. Some Members of the Commission suggested the initiation of a process for preparing an international treaty on animal genetic resources, and noted the need for safeguarding the rights of indigenous livestock keepers. Other Members considered this to be premature, and stated that any discussion of a legal instrument should await the completion of the first *Report on the State of the World's Animal Genetic Resources*.

#### **Future work of the Working Group on Animal Genetic Resources and the election of its Members**

61. The Commission agreed that the Working Group on Animal Genetic Resources should meet in 2006, to review the first draft *Report on the State of the World's Animal Genetic Resources*; to review, evaluate and revise, as needed, the constituent elements and operational aspects of the proposed Follow-up Mechanism; to review the report on the results of the regional consultations; to assist the Commission to prepare for the International Technical Conference on Animal Genetic Resources including the preparation of the draft agenda and programme of the conference; and to review the progress of the Global Strategy for the Management of Farm Animal Genetic Resources.

62. The Commission elected the members of the Inter-governmental Technical Working Group on Animal Genetic Resources, as given in *Appendix C*.

## **VI. REPORTS FROM INTERNATIONAL ORGANIZATIONS ON THEIR POLICIES, PROGRAMMES AND ACTIVITIES ON AGRICULTURAL BIOLOGICAL DIVERSITY**

63. The Commission welcomed the reports from inter-governmental organizations, CGIAR Centres, non-governmental organizations, and other organizations, on their policies, programmes, and activities.<sup>21</sup> The list of organizations presenting reports to the Commission is contained in

<sup>20</sup> CGRFA-10/04/9 Add.1.

<sup>21</sup> CGRFA-10/04/11.1, 11.2, 11.3 and 11 Add. 1.

*Appendix H.* The Commission considered it important to continue to receive reports from these and other organizations.

64. As part of the events to mark the twentieth anniversary of the Commission, a special session for an open dialogue was held between civil society organizations and Members. The representatives of various organizations expressed their appreciation to the Commission for creating the opportunity. During the interaction, a wide range of opinions and ideas were expressed on work currently underway or proposed under the Commission, as well as ideas regarding some of the issues that the Commission might consider in future.

65. The World Organization for Animal Health (OIE), reported on its activities of relevance to the Commission. It offered its technical expertise and assistance, if requested and supported by FAO, to support the preparation of the first *Report on the State of the World's Animal Genetic Resources*, and on the implementation and monitoring of the follow-up mechanism. It also expressed its willingness to participate in the proposed International Technical Conference on Animal Genetic Resources. The Commission noted the importance of the work of the OIE.

66. The World Intellectual Property Organization (WIPO) reported on its activities, noting the valuable contribution of the FAO, particularly in relation to its Inter-governmental Committee on Intellectual Property, Genetic Resources, Traditional Knowledge and Folklore (IGC). The participation of the FAO in the IGC had helped underscore the distinct nature of genetic resources for food and agriculture for the members of WIPO. WIPO also informed the Commission on the progress in a study it was carrying out, on behalf of FAO, on the impact of patents on access to, and the use of, plant genetic resources relevant to the International Treaty and the Centres of the CGIAR<sup>22</sup>.

67. The Commission welcomed the information provided in the report from the International Agricultural Research Centres, which showed the invaluable work they have performed since the last meeting of the Commission.<sup>23</sup> The Centres were committed to continue to assist the Commission to implement the *Global Plan of Action*; to contribute to the operation of the Global Crop Diversity Trust; to assist in the implementation of the Global Strategy; and to contribute to the preparation of the first *Report on the State of the World's Animal Genetic Resources*. They indicated their readiness to support the Commission in its future work.

68. The International Union for the Protection of New Varieties of Plants (UPOV) reported on its activities, stating that it valued its continued collaboration with the Commission. UPOV's work was of relevance both to the work of the Commission, and to the International Treaty. The UPOV Council, at its last meeting in October 2004, had stated that the International Treaty and UPOV should be mutually supportive, and had invited FAO to brief the next Council meeting in 2005, on progress in the development of the International Treaty.

69. The Commission expressed its appreciation to all organizations for their constructive input to its deliberations.

## VII. CONSIDERATION OF FAO'S POLICIES, PROGRAMMES AND ACTIVITIES ON AGRICULTURAL BIOLOGICAL DIVERSITY

70. The Commission considered the document, *Reports from FAO on its policies, programmes and activities on agricultural biological diversity*, covering sectorial matters,<sup>24</sup> cross-sectorial matters,<sup>25</sup> and the Priority Areas for Interdisciplinary Action (PAIAs).<sup>26</sup>

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<sup>22</sup> CGRFA/MIC-2/04/Inf.5.

<sup>23</sup> CGRFA-9/02/REP para. 48.

<sup>24</sup> CGRFA-10/04/10.1.

<sup>25</sup> CGRFA-10/04/10.2.

<sup>26</sup> CGRFA-10/04/10.3.

71. The Commission welcomed the opportunity to provide recommendations on the broad range of FAO's programmes related to the conservation and sustainable use of genetic resources for food and agriculture. Noting that FAO's biennial Programme of Work and Budget, its rolling six-year Medium Term Plan, and its long-term Strategic Framework, are agreed by the FAO Conference, on the advice of the FAO Council and its Committees, the Commission highlighted the importance of adequate financial resources for all sectors of genetic resources, in particular animal and plant genetic resources.

72. The Commission welcomed the innovative work carried out by FAO on various aspects of agricultural biodiversity, through the PAIAs, in particular the PAIA on the Integrated Management of Biological Diversity for Food and Agriculture. Members drew special attention to FAO's assistance to countries to develop national legislation and policies, and to enhance policy coherence; and to FAO's activities in building capacity and harmonization in the field of biosafety, research on markets as a means of accessing crop genetic services and conserving agricultural biodiversity, developing a legal framework for the management of animal genetic resources, activities in nutrition linking biodiversity to food security, and in supporting developing countries with a view to increasing their capacities to participate effectively in international negotiations.

73. Areas for possible further work were suggested by some countries, including: guidelines for sustainable agriculture and rural development in fragile mountain ecosystems; understanding how ecosystem approaches can increase the range of benefits from agricultural biodiversity; and ethical implications of policies, noting the valuable work of the Panel of Eminent Experts on Ethics in Food and Agriculture, in this regard. The Commission noted that certain systems of agricultural production, amongst them, organic and conventional agriculture, have the potential to enhance the conservation and sustainable use of agricultural biodiversity in agro-ecosystems.

74. The Commission underscored the need for a coherent approach, at the international level, to many issues relevant to genetic resources for food and agriculture, and the need to avoid duplication. It emphasized that FAO should continue collaboration with the CBD, the Cartagena Protocol on Biosafety, the World Health Organization (WHO), UPOV, WIPO, the Future Harvest Centres of the CGIAR, the International Federation of Organic Agriculture Movements (IFOAM), OIE and other relevant organizations and stakeholders.

## VIII. COOPERATION WITH THE CONVENTION ON BIOLOGICAL DIVERSITY

75. The Commission reviewed the document, *Cooperation with the Convention on Biological Diversity*.<sup>27</sup> It thanked the Secretariat for the very thorough picture it gave of the increasing cooperation between the two organizations, and noted that FAO was a major player in the CBD's programmes of work, in relation to agriculture, forestry and fisheries. The Commission welcomed the preparation of the revised Memorandum of Cooperation between the organizations, and expressed hope for its early conclusion. This would support the Commission's efforts to ensure complementarity with the work of the Convention, in mutual respect for their respective mandates, in order to ensure synergy.

76. Within the mandate of the Commission, and taking into account the timing and scope of the CBD's Programmes of Work, it accordingly:

- Decided that it would accept the invitation of the Conference of the Parties to the CBD, to consider how the *Global Plan of Action* can contribute to the Global Strategy for Plant Conservation, in particular target 9, and noted the need for, and the importance of higher order indicators in this regard.
- Recommended that FAO work closely with the Executive Secretary of the Convention, and play a leading role in the in-depth review of the Convention's Programme of Work

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<sup>27</sup> CGRFA-10/04/12.

on Agricultural Biological Diversity, which will be considered at the Ninth Conference of the Parties in 2008, noting that the Convention's review process will not commence until around 2006, and that the Commission's Eleventh Session would consider any preliminary findings. It recommended that FAO convey to the CBD's Executive Secretary the Organization's willingness to play such a leading role, and in doing so, to indicate the need for collaboration in the mobilization of the necessary extra-budgetary resources.

- Supported FAO's contribution to the establishment of a cross-cutting initiative on biodiversity for food and nutrition, within the CBD's existing Programme of Work on Agricultural Biological Diversity. It noted that this would involve cooperation with other organizations, such as IPGRI. The thematic study on the contribution of plant genetic resources to health and dietary diversity, within the process to prepare the second *State of the World's Plant Genetic Resources for Food and Agriculture*, would be an important element of this work.
- Supported FAO's offering to lead, in collaboration with the CBD's Executive Secretary, a process that engages stakeholders in the agricultural sector in an analysis of the Addis Ababa Principles and Guidelines for Sustainable Use of Biodiversity, with a view to consider their application and further elaboration, specifically with respect of domesticated species, breeds and varieties.
- Supported FAO continuing to lead the development of agricultural biodiversity indicators, including indicators on genetic resources for food and agriculture (*inter alia* of domestic animals, fisheries and plants), to assist in determining progress toward the Convention's 2010 target of significantly reducing the current rate of biodiversity loss.
- In addition to responding to the above requests from the Conference of the Parties to the CBD, the Commission recommended that FAO and the Commission contribute to further work on access and benefit-sharing, in order to ensure that it move in a direction supportive of the special needs of the agricultural sector, in regard to all components of biological diversity of interest to food and agriculture. It recognised the essential role of the International Treaty in this context.
- Welcomed the support of the Conference of Parties to the Convention on Biological Diversity for the development of the Global Strategy for the Management of Farm Animal Genetic Resources, and the preparation of the first *Report on the State of the World's Animal Genetic Resources*.

77. The CBD Secretariat welcomed the proactive and constructive role that FAO was playing in support of its programmes, and reviewed in detail the many aspects of cooperation between the two organizations, recognizing the lead role of FAO in the Programme on Agricultural Biological Diversity. As the Executive Secretary had highlighted in his introductory address, this was to the benefit of both organizations and their member countries. The updated Memorandum of Cooperation would provide a sound basis for further work.

## IX. PROGRESS ON THE DRAFT CODE OF CONDUCT ON BIOTECHNOLOGY AS IT RELATES TO GENETIC RESOURCES FOR FOOD AND AGRICULTURE: POLICY ISSUES, GAPS AND DUPLICATIONS

78. At its Ninth Session, the Commission “recognised the need to go ahead with the Draft Code of Conduct on Biotechnology as it relates to Genetic Resources for Food and Agriculture, with the aim to maximise the positive effects of biotechnologies and minimise any potential negative effects or risks, and that the focus should be on biotechnologies related to Genetic Resources for Food and Agriculture”.<sup>28</sup>

79. The Commission considered the document, *Progress on the Draft Code of Conduct on Biotechnology as it Relates to Genetic Resources for Food and Agriculture: policy issues, gaps and duplications*,<sup>29</sup> which responded to the Commission’s request, at its Ninth Session, that “the Secretariat [...] prepare a study, in order to identify what is done in other forums, what remains to be done on the issues raised in the document, *The Status of the draft Code of Conduct on Biotechnology; Report of Surveys of FAO Members and Stakeholders*,<sup>30</sup> and which issues were relevant to FAO, and in particular, its Commission. In the preparation of the study, there should be consultations, as appropriate, with relevant international organizations. The aim of the study would be to assist the Commission to identify issues on which it should concentrate in the future, with respect to a Code of Conduct, Guidelines, or other courses of action”.<sup>31</sup>

80. In considering the document, the Commission recognised the importance of the subject. Members of the Commission identified the following fields, amongst those listed in the document, as the most appropriate for further work: conservation of genetic resources for food and agriculture in the centres of origin and *ex situ* collections; appropriate biotechnologies that apply to genetic resources for food and agriculture; access and benefit-sharing issues related to biotechnologies that apply to genetic resources for food and agriculture; national capacity-building and international cooperation; biosafety and environmental concerns; genetic use restriction technologies (GURTs); GMO gene flow and the question of liability; and incentives to promote appropriate biotechnologies.

81. Some countries, noting the importance of the issues, and that they had not had sufficient time to study the document, asked for more time to do so. They therefore, requested that the document be referred to the Eleventh Session of the Commission.

82. The Commission decided that the document be referred to the Eleventh Session of the Commission, for decision on which issues should be taken forward and in what form (a code or codes of conduct, guidelines or other approaches), and that the fields identified in paragraph 80 above should be taken into consideration, when designing the Multi-Year Programme of Work.

## X. FUTURE WORK OF THE COMMISSION

83. The Commission agreed that the Secretariat, in cooperation with the relevant services and PAIAs in FAO, should submit a Multi-Year Programme of Work to its Eleventh Session, for consideration. The Secretariat should consult with the Regional Groups about their ideas, in the preparation of the first draft of the Multi-Year Programme of Work, which should take into account inputs from the Inter-Governmental Technical Working Groups on Plants and Animals, in their fields of expertise. A second draft should then be prepared by the Secretariat, for consideration by Regional Groups. In the light of comments from the Regional Groups, a final draft will be prepared for submission to the Eleventh Session of the Commission.

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<sup>28</sup> CGRFA-9/02/REP, paragraph 64.

<sup>29</sup> CGRFA-10/04/13.

<sup>30</sup> CGRFA-9/02/18.

<sup>31</sup> Para 65, CGRFA-9/02/REP.

84. The Secretariat was requested to prepare a succinct analysis of the human and financial resources available within the FAO, to support work on the various sectors of genetic resources for food and agriculture, and identify gaps. This should be provided to members well in advance of the Eleventh Session of the Commission.

85. The immediate priority should be to continue work on plant and animal genetic resources, giving appropriate emphasis to work on animal genetic resources for food and agriculture, including strengthening national and regional levels.

86. There was a need to mobilize the Regular Programme of Work and Budget and human resources of FAO, in support of the programme of work of the Commission. The Commission recognized the need to match priorities to available financial and human resources. If required, FAO was invited to mobilize extra-budgetary resources for this purpose.

87. The Commission should support the implementation of the International Treaty on Plant Genetic Resources for Food and Agriculture.

88. Within its mandate, the Commission should strengthen mutual cooperation with the CBD, and other relevant organizations.

89. In the medium and longer term, the Commission should implement its full mandate (Conference Resolution 3/95). The Secretariat was requested to prepare a document on the status and needs of sectors of genetic resources for food and agriculture, other than plants and animals, including the various areas of biodiversity for food and agriculture, and the agro-ecosystem approach to genetic resource conservation and cross-sectorial matters, identifying the responsibilities of relevant FAO Services and PAIAs in these fields, and submit this to the Eleventh Session of the Commission. The Eleventh Session of the Commission would then decide on the Commission's Programme of Work.

90. Within its Mandate, the future work of the Commission should contribute to the achievement of the Millennium Development Goals, especially Millennium Development Goal no. 1, *Eradicate Extreme Poverty and Hunger*, and Millennium Development Goal no. 7, *Ensure Environmental Sustainability*.

91. The Secretariat and the Bureau should consider and report to the Commission on ways to improve the effectiveness and efficiency of the Commission's operations.

## XI. CLOSING STATEMENTS

92. A number of Regional Groups stressed the many accomplishments of the Commission over the past 20 years, and expressed their appreciation to the Secretariat of the Commission for its outstanding contribution to these achievements. They also expressed their gratitude to the Chair of the Commission, for his guidance and wisdom.

93. The Commission acknowledged the Secretariat of the Commission for its outstanding efforts in supporting the work of the Commission over the past twenty years. It expressed its thoughtful appreciation to Mr. Esquinas, the Secretary of the Commission since its inception, and to Mr. Stannard, for their many years of service to the Commission, and commended them both for their commitment, guidance and wisdom. It requested that the comprehensive statement made by the representative of Romania, on behalf of the European Regional Group be attached to the current report. (It is included as *Appendix D5*.)

94. The Commission also expressed its appreciation to the many contributions of members of civil society in advancing the work of Commission. It welcomed future opportunities for collaboration.

**XII. DATE AND PLACE OF THE NEXT SESSION**

95. The Commission agreed to hold its Eleventh Session in late 2006.





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**APPENDIX A**

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**AGENDA OF THE TENTH SESSION OF THE COMMISSION ON  
GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

1. Election of Chair and Vice-Chairs
2. Adoption of the Agenda and Timetable
3. Plant Genetic Resources
  - 3.1 Overview of the FAO Global System for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture and its potential contribution to the implementation of the International Treaty on Plant Genetic Resources for Food and Agriculture
  - 3.2 Report of the Second Session of the Inter-governmental Technical Working Group on Plant Genetic Resources for Food and Agriculture
  - 3.3 Progress since the Ninth Regular Session of the Commission, including the Working Group on Plant Genetic Resources
  - 3.4 Future work of the Working Group on Plant Genetic Resources and election of its members
4. Animal Genetic Resources
  - 4.1 Overview of the Global Strategy for the Management of Farm Animal Genetic Resources
  - 4.2 Report of the Third Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture
  - 4.3 Progress since the Ninth Regular Session of the Commission, including the Working Group on Animal Genetic Resources, in particular regarding the country-driven process for the preparation of the First Report on the *State of the World's Animal Genetic Resources*
  - 4.4 Future work of the Working Group on Animal Genetic Resources and election of its members
5. Consideration of FAO's policies, programmes and activities on agricultural biological diversity
6. Reports from international organizations on their policies, programmes and activities on agricultural biological diversity
7. Cooperation with the Convention on Biological Diversity

8. Progress report on the Draft Code of Conduct on Biotechnology as it Relates to Genetic Resources for Food and Agriculture
9. Future work of the Commission
10. Other business
11. Date and place of the Commission's Eleventh Regular Session
12. Adoption of the Report

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**APPENDIX B**


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**MEMBERS OF THE FAO COMMISSION ON GENETIC  
RESOURCES FOR FOOD AND AGRICULTURE**


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**November 2004**

<b>AFRICA</b>	<b>ASIA AND THE PACIFIC</b>	<b>EUROPE</b>	<b>LATIN AMERICA AND THE CARIBBEAN</b>
Algeria	Australia	Albania	Antigua and Barbuda
Angola	Bangladesh	Armenia	Argentina
Benin	China	Austria	Bahamas
Botswana	Cambodia	Belgium	Barbados
Burkina Faso	Cook Islands	Bosnia and Herzegovina	Belize
Burundi	Democrat. People's Rep. of Korea	Bulgaria	Bolivia
Cameroon	Fiji	Croatia	Brazil
Cape Verde	India	Cyprus	Chile
Central African Republic	Indonesia	Czech Republic	Colombia
Chad	Japan	Denmark	Costa Rica
Comoros	Kazakhstan	Estonia	Cuba
Congo	Malaysia	European Community	Dominica
Côte d'Ivoire	Maldives	Finland	Dominican Rep.
Democratic Republic of the Congo	Mongolia	France	Ecuador
Equatorial Guinea	Myanmar	Georgia	El Salvador
Eritrea	Nepal	Germany	Grenada
Ethiopia	New Zealand	Greece	Guatemala
Gabon	Pakistan	Hungary	Guyana
Gambia	Papua New Guinea	Iceland	Haiti
Ghana	Philippines	Ireland	Honduras
Guinea	Republic of Korea	Israel	Jamaica
Guinea-Bissau	Samoa	Italy	Mexico
Kenya	Solomon Islands	Latvia	Nicaragua
Lesotho	Sri Lanka	Lithuania	Panama
Liberia	Thailand	Luxembourg	Paraguay
Madagascar	Tonga	Malta	Peru
Malawi	Vanuatu	Netherlands	Saint Kitts and Nevis
Mali	Vietnam	Norway	Saint Lucia
Mauritania		Poland	Saint Vincent and the Grenadines
Mauritius	<b>NEAR EAST</b>	Portugal	Suriname
Morocco	Afghanistan	Romania	Thailand
Mozambique	Azerbaijan	San Marino	Trinidad and Tobago
Namibia	Egypt	Serbia and Montenegro	Uruguay
Niger	Iran	Slovakia	Venezuela
Nigeria	Iraq	Slovenia	
Rwanda	Jordan	Spain	
Sao Tome and Principe	Kuwait	Sweden	
Senegal	Lebanon	Switzerland	<b>NORTH AMERICA</b>
Seychelles	Libyan Arab Jamahiriya	The Former Yugoslav Rep. of Macedonia	Canada
Sierra Leone	Oman	Turkey	United States of America
South Africa	Qatar	United Kingdom	
Sudan	Saudi Arabia		
Swaziland	Syrian Arab Republic		
Togo	Tunisia		
Uganda	Yemen		
United Republic of Tanzania			
Zambia			
Zimbabwe			



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**APPENDIX C**


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**MEMBERSHIP OF THE INTER-GOVERNMENTAL TECHNICAL WORKING  
GROUP ON ANIMAL GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

<i>Composition (no. of countries per region)</i>	<i>Country</i>
<b>Africa</b> (5)	Botswana
	Cameroon
	Ethiopia
	Ghana
	Tunisia
<b>Asia</b> (5)	Bangladesh
	China
	Philippines
	Thailand
	Vietnam
<b>Europe</b> (5)	Denmark
	France
	Germany
	Slovenia
	Turkey
<b>Latin America and the Caribbean</b> (5)	Argentina
	Chile
	Colombia
	Jamaica
	Uruguay
<b>Near East</b> (3)	Egypt
	Iran, Islamic Republic of
	Yemen
<b>North America</b> (2)	Canada
	United States of America
<b>Southwest Pacific</b> (2)	Australia
	Samoa

**MEMBERSHIP OF THE INTER-GOVERNMENTAL TECHNICAL WORKING  
GROUP ON PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

<i>Composition (no. of countries per region)</i>	<i>Country</i>
<b>Africa</b> (5)	Algeria Cameroon Guinea Uganda Zimbabwe
<b>Asia</b> (5)	India Indonesia Japan Korea, Republic of Malaysia
<b>Europe</b> (5)	Italy The Netherlands Norway Poland Spain
<b>Latin America and the Caribbean</b> (5)	Brazil Ecuador Mexico Peru Venezuela
<b>Near East</b> (3)	Egypt Iran, Islamic Republic of Jordan
<b>North America</b> (2)	Canada United States of America
<b>Southwest Pacific</b> (2)	New Zealand Samoa

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**APPENDIX D1**

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**STATEMENT BY  
MR DAVID A. HARCHARIK  
DEPUTY DIRECTOR-GENERAL  
FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS**

*Mr. Chairman,  
Distinguished Delegates,  
Ladies and Gentlemen,*

It is my pleasure to welcome you to this celebration of the Twentieth Anniversary of the FAO Commission on Genetic Resources for Food and Agriculture on the occasion of the Commission's Tenth Regular Session.

We might begin by asking what we have to celebrate. After all, we so often hear that agricultural biodiversity is declining at an alarming rate. As agricultural biodiversity declines, agriculture becomes less able to adapt to environmental changes, such as global warming or new pests and diseases, and the reduced gene pool means that there are fewer opportunities for growth and innovation in agriculture. The food supply, thus, becomes more vulnerable.

So, in the face of this decline, what is there to celebrate? A lot!

This Commission was the first inter-governmental body to specifically address genetic resources for food and agriculture, and it remains the only body with this specific mandate. It is, without doubt, the only body which comprehensively addresses the needs, problems, complexities and challenges of the agriculture sector, in regard to genetic resources. The Commission is, therefore, the agricultural sector's main instrument in cooperating with our partners, such as the Convention on Biological Diversity.

The Commission was born in 1983, as the Commission on Plant Genetic Resources, at a time when there was tension between governments over access to genetic resources and the sharing of the benefits. The FAO Conference recognized the importance of a forum, such as the Commission, where Governments might debate these difficult and important issues, and find solutions. The Commission has successfully done this. Its future will depend on it continuing to do so, with the full engagement of its Members, and of the wider international community, including civil society.

Let me review some of your Commission's achievements:

- By 1991, you had adopted an agreed interpretation to the International Undertaking on Plant Genetic Resources, recognizing both Farmers' Rights, and Plant Breeder's Rights.
- In 1993, you adopted the International Code of Conduct for Plant Germplasm Collecting and Transfer.
- In 1994, you established the International Network of Ex Situ Collections under the Auspices of FAO, which provides the legal framework in which twelve CGIAR centres hold their collections in trust for the international community.
- You then prepared the 1996 Leipzig International Conference on Plant Genetic Resources for Food and Agriculture, where 150 countries adopted the *Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture* and received the first *State of the World's Plant Genetic Resources for Food and Agriculture*.

Then, in 2001, the long years of negotiation were crowned with the adoption by the FAO Conference of the International Treaty on Plant Genetic Resources for Food and Agriculture. I remember the excitement in the Conference at this achievement, which the Director-General hailed as the first

Treaty of the 21<sup>st</sup> century. With the Treaty's entry into force in June of this year, your work on plant genetic resources for food and agriculture has now come of age.

However, the work of the Commission is not over. Several important elements of your ongoing work include:

- Further development of the Global Strategy for the Management of Farm Animal Genetic Resources and finalisation of first Report on the State of the World's Animal Genetic Resources;
- Continuing work on the Global System on Plant Genetic Resources, including preparation of a second Report on the State of the World's Plant Genetic Resources;
- Consideration of possible elements for a code of conduct, guidelines or other measures on biotechnology of relevance to genetic resources for food and agriculture.

It is one thing to celebrate the Commission's past and to recognize its important present role but, as I said in beginning my remarks, most experts believe that agricultural diversity continues to decline. It is clear that, therefore, that much remains to be done and that we must look toward the future of the Commission.

Part of the future success of your work will depend on identifying and addressing the key problems. The ability to focus the international debate on the really important policy questions, in this forum where governments interact with representatives from civil society, will require you to identify and deal with the critical questions.

For twenty years now, the Commission has addressed the burning issues of the day, at the interfaces between biodiversity, biotechnology and ethics, and between agriculture, the environment and trade. I believe that you will need to continue to address these issues in the future. But there are other challenges that will need to be faced. These include:

- First, the application of science and technology to genetic resources for food and agriculture, in a world in which financial support for public research is unfortunately declining rapidly. A key policy question is how to ensure that the poor benefit from science, technology and knowledge applied to genetic resources for food and agriculture, including through complementarity with local knowledge systems and farmer technologies;
- Second, the role of biodiversity in sustainable development, food security and improved nutrition; and
- And third, the role of integrated agro-ecosystem management in maintaining and managing agricultural biodiversity.

The theme of this year's World Food Day was "Biodiversity for Food Security". This Commission is the international community's most important instrument in managing agricultural biodiversity, especially to meet the needs of the world's poor and the world's hungry. This is a moral imperative for our generation, especially at this time when economic development and climatic change put much of this biodiversity at serious risk of extinction. In putting the accent on the preservation and utilization of these resources, the Commission has a key role to play in meeting the Millennium Development Goals and the World Food Summit target of halving the number of hungry people in the world by 2015.

Yes, you have a lot to celebrate, and you will have in the future as well. Thank you.



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**APPENDIX D2**

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**STATEMENT BY  
MR HAMDALLAH ZEDAN  
EXECUTIVE SECRETARY  
CONVENTION ON BIOLOGICAL DIVERSITY**

*Mr Director General,  
Distinguished Delegates,  
Ladies and Gentlemen,*

I am honoured to have this opportunity to address the Commission on Genetic Resources for Food and Agriculture on the occasion of your twentieth anniversary.

Looking back over the past 20 years, one can see major developments in the fields of plant and livestock genetic resources as well as in the broader field of biodiversity. Even a shortlist of this Commission's achievements is impressive. To name just a few of them:

- The adoption of the International Undertaking on Plant Genetic Resources in 1983;
- The agreement on Farmers' Rights in 1989;
- The elaboration of a code of conduct for collectors in 1993;
- The preparation of the first report on the state of the world's plant genetic resources for food and agriculture in 1996 (and now in progress is the first report on the state of the world's animal genetic resources for food and agriculture);
- The adoption of the Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture at the Leipzig Conference in 1996. And, of course,
- The negotiation and entry into force in June this year of the International Treaty on Plant Genetic Resources for Food and Agriculture.

During this same period, we have also seen the birth of the Convention on Biological Diversity, and its emergence as a comprehensive instrument for sustainable development. The Convention provides a framework for action for the conservation and sustainable use of biodiversity, as well the equitable sharing of benefits from the utilization of genetic resources.

Much has been achieved under the Convention in the past twelve years. The Parties have agreed on programmes of work that cover all the world's major biomes. They have also developed guidelines and tools that will assist in the implementation of those programmes of work and, ultimately, in the achievement of the objectives of the Convention. Cooperative arrangements have been developed—at both the decision-making and technical levels—with a broad range of organizations, including FAO. The Convention process has also helped raise the profile of biodiversity at international, regional and national levels.

These two processes have been closely linked and, I believe, each has been reinforced through inputs from the other.

In this presentation, I would like to highlight a few examples of this interaction, and also to highlight some of the major challenges we now face together.

*Mr Chairman,*

The negotiation process for the Convention on Biological Diversity was launched by the UNEP Governing Council in 1987. The formal negotiations began the same year and were completed some five years later. The Convention text was adopted in May 1992 and opened for signature the next month, at the Earth Summit in Rio de Janeiro. It entered into force a little over a year later, in December 1993.

As a member of the Ecosystem Conservation Group, FAO provided invaluable inputs during the preparatory process for the Convention. These inputs were instrumental in broadening the focus of the Convention to go beyond a simple conservation treaty to become a more comprehensive instrument whose three objectives—conservation, sustainable use and equitable sharing of benefits—represent the three pillars of sustainable development.

At the same time, the adoption of the Convention, and, in particular, resolution 3 in the Nairobi Final Act and subsequent decisions by the Conference of the Parties to the Convention, stimulated the re-negotiation of the International Undertaking on Plant Genetic Resources and its eventual development into the International Treaty on Plant Genetic Resources for Food and Agriculture. The Conference of the Parties to the Convention took a keen interest in the process of developing the new Treaty and specifically addressed this matter at its second and every subsequent meeting.

The negotiation of the International Treaty on Plant Genetic Resources for Food and Agriculture is perhaps the biggest single achievement of this Commission, and I would like to congratulate you on the recent entry into force of that Treaty.

As has been acknowledged by the Conference of the Parties of the CBD, the Treaty will contribute to the implementation of the Convention, in particular, its programme of work on agricultural biodiversity.

This is, in fact, recognized in the text of the Treaty itself, which stipulates that the Treaty's objectives are to be reached in harmony with the Convention on Biological Diversity.

The role of the Treaty in facilitating access to plant genetic resources is also recognized in the Bonn Guidelines on Access and Benefit-sharing adopted by the Conference of the Parties to the Convention on Biological Diversity in 2002. These guidelines are expected to assist countries and other stakeholders in developing overall strategies for access to genetic resources and the equitable sharing of benefits arising from their utilization, and in identifying the steps involved in the process.

At its most recent meeting, held in Kuala Lumpur in February this year, the Conference of the Parties to the Convention established a process to elaborate and negotiate an international regime on access to genetic resources and benefit-sharing, in line with the call of the World Summit on Sustainable Development. In making that decision, the Conference of the Parties recognized the important contribution of the International Treaty on Plant Genetic Resources for Food and Agriculture to the process.

The question of access to genetic resources and the sharing of benefits arising from their use were among the issues foremost in people's minds when this Commission was originally established and the International Undertaking adopted in 1983. It was also a key issue during the negotiations for the Convention. It is therefore heartening to see that the international community has made substantial progress on this area as exemplified by the entry into force of the Treaty as well as the adoption of the Bonn Guidelines under the Convention on Biological Diversity and the commitment to develop an international regime on access to genetic resources and benefit-sharing within the framework of the Convention.

At the same time, I am sure that we are all cognizant of the major tasks ahead both in operationalizing current agreements and in developing the new international regime. I would therefore wish you well in preparing for the first meeting of the Treaty's Governing Body. I also look forward to the rapid operationalization of the Treaty so that the experience of its implementation can, in turn, benefit the process of elaborating the new international regime.

*Mr Chairman,*

Although much attention has been focused on access and benefit-sharing in recent years, both in this Commission and in the CBD process, our cooperation has extended into much broader areas for conserving biological diversity essential for food security. Biodiversity provides the animal, plant and microbial resources for food production and agricultural productivity. Hence, the reduction of biodiversity jeopardizes world food security. It was therefore no coincidence that the theme for this year's International Day for Biological Diversity was "Biodiversity: Food, Water and Health for All" and that of World Food Day was "Biodiversity for Food Security".

FAO played a substantial role in developing the CBD programme of work on agricultural biodiversity. This programme of work acknowledges the important role of existing instruments developed through this Commission and reinforces the need for their implementation.

But the programme of work also breaks new ground in highlighting the critical role of "associated biodiversity" in agricultural ecosystems for agricultural production. These include three aspects of biodiversity that are particularly crucial to farmers: the natural enemies of agricultural pests, pollinators, and soil biodiversity.

Concerning the first of these – FAO, through its pioneering use of farmer-field schools in integrated pest management, has clearly demonstrated in tens of thousands of farming communities throughout the world that biodiversity can help farmers produce more food, more profitably and with reduced use of chemical pesticides.

Concerning the other two – I am very pleased to see that FAO is playing the lead role in developing two cross-cutting initiatives under the Convention's programme of work on agricultural biodiversity:

- The International Pollinators Initiative; and
- The International Soil Biodiversity Initiative.

Cooperation with FAO continues to expand. At the seventh meeting of the Conference of the Parties, I was asked to prepare, with FAO and other partners, options for a third cross-cutting initiative -- on biodiversity for food and nutrition -- to contribute the target of the Millennium Development Goals to halve the incidence of hunger by 2015. The initiative is meant to fully integrate biodiversity concerns into existing initiatives on food and nutrition. The main thrust of the initiative is to raise awareness among policy makers and the general public concerning the crucial role of biodiversity in strategies to promote food security, good health and nutrition, for example:

- The role of biodiversity in underpinning dietary diversity and its contribution to health;
- The importance of access to a diversity of wild and cultivated food sources by rural populations for nutrition and food security.

Indeed the true importance of biodiversity can sometimes be overlooked. We know for example, that we – as a world population -- get more than half of our energy from just three crops: rice, maize and wheat.

But that doesn't change the fact that millions of people are dependent on other staple crops like fonio, amaranth and teff.

Nor does it change the fact that we all require a range of food sources, including fruits and vegetables, to obtain the balance of nutrients we need for a healthy diet, and to benefit from other functional properties of foods such as antibiotic, antioxidant, anti-glycemic and other pharmacological properties. Indeed various epidemiological studies uphold the conventional wisdom of a varied diet.

While recognition of the importance of biodiversity for food, nutrition and health is not new, it can add important insights to the contemporary challenges of addressing both under-nutrition and obesity, sometimes even in the same populations.

*Mr Chairman,*

The last 20 years have seen increasing recognition of the importance of biodiversity and its components in providing the very basis of sustainable development, and in supporting sustainable agriculture in particular. At the same time, the period has witnessed continuing loss of biodiversity at all levels. Of all the global changes that we are faced with, biodiversity loss is arguably both the most dramatic and the least appreciated.

At its sixth meeting, in 2002, the Conference of the Parties to the Convention, having now a virtually universal membership, set an ambitious target, namely, to achieve by 2010 a significant reduction of the current rate of biodiversity loss at the global, regional and national level as a contribution to poverty alleviation and to the benefit of all life on earth.

This target is the central mission of the Convention's Strategic Plan, which focuses on promoting implementation of the Convention.

At its last meeting, the Conference of the Parties emphasized the important linkages between the 2010 target and the fight against hunger, as well as the other Millennium Development Goals.

Much, however, remains to be done. Full implementation of the Convention is still constrained by a certain lack of appreciation of the value and importance of maintaining biodiversity at all levels—genetic, species and ecosystem. Public awareness needs to be enhanced. The urgency of the biodiversity loss and its consequences need to be more widely understood. More funding needs to be mobilized to advance implementation. Most importantly, biodiversity considerations need to feature more prominently in decision-making in all sectors of the economy.

In this respect, no sectors are more important than agriculture, forestry and fisheries. FAO, and this Commission have a key role to play in ensuring that the conservation and sustainable use of biodiversity are fully integrated into these sectors.

The Conference of the Parties has called for enhanced cooperation among organizations and asked me to explore options for a global partnership aimed at achieving the 2010 target. I invite FAO and this Commission to commit to contributing to the 2010 target, to meet the objectives of the CBD and also as an essential contribution to the MDGs and the target to reduce hunger by half set by the World Food Conference here in Rome in 1996.

I wish you success in your meetings over the coming two weeks.

Thank you for your attention.

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**APPENDIX D3**

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**STATEMENT BY  
MR. EMILE FRISON  
DIRECTOR GENERAL  
INTERNATIONAL PLANT GENETIC RESOURCE INSTITUTE (IPGRI)**

Mr Chairman, distinguished delegates, it is a privilege for me to address the Commission on Genetic Resources for Food and Agriculture on the occasion of its 20<sup>th</sup> Anniversary. On behalf of the 15 Future Harvest Centres of the Consultative Group on International Agricultural Research, I warmly congratulate the Commission for its many achievements.

The year 2004 has been a very special one for genetic resources. Not only is it the 20<sup>th</sup> anniversary of the Commission, but it also saw the entry into force of the International Treaty on Plant Genetic Resources for Food and Agriculture, which will play a critical role in the world's struggle towards greater food security. The year also saw the legal establishment of the Global Crop Diversity Trust, a joint initiative between FAO and IPGRI, acting on behalf of the Future Harvest Centres. This Commission unanimously welcomed the Trust as an essential component of the International Treaty's funding strategy.

In addition, in 2004 the theme of World Food Day was "Biodiversity for food security," highlighting the crucial importance of genetic resources for achieving the Millennium Development Goals. Furthermore, this year's International Day for Biological Diversity promoted "Biodiversity: Food, water and health for all," stressing again the critical role that biodiversity and genetic resources play for food security and health. 2004 was also the International Year of Rice, and on many occasions celebrating this the crucial role of genetic resources was highlighted. Last, and for me not least, this year IPGRI is celebrating its 30<sup>th</sup> anniversary and is launching its new strategy: Diversity For Well-Being: Making The Most Of Agricultural Biodiversity.

For all these reasons, this year has been an opportunity to publicize the important role agricultural biodiversity plays in sustainable development. But this is not enough. Most people still do not realize that agricultural biodiversity is an essential ingredient necessary to achieve the Millennium Development Goals, and that there is a need for the conservation and sustainable use of genetic resources. In the survey we carried out to develop IPGRI's strategy, the need to raise awareness of decision makers about the importance of agricultural biodiversity was strongly highlighted.

Agricultural biodiversity is important not only for genetic improvement, in order to increase productivity and to face the increasing impact of biotic and abiotic stresses on the productivity of crops, but also because it is often also the only asset for poor people living in marginal areas. Because of the fluctuation of environmental factors, especially in marginal areas, diversity plays an indispensable role, limiting the risks of crop failure and providing the necessary resilience to production systems.

Furthermore, it has recently been recognized, by the World Health Organization among others, that promoting greater dietary diversity is an important strategy to fight the malnutrition caused by micro-nutrient deficiency. This so-called hidden hunger still today affects two billion people in the world, one person out of three. We believe that this approach, calling on a broad range of underutilized and neglected species, will contribute to improved health status at the same time as allowing people to maintain their cultural identity and traditions. At the Conference of the Parties to the Convention on Biological Diversity (COP7, in Malaysia) a resolution called for the inclusion of diversity for food and nutrition in the programme of work of the Convention, and this will provide yet another opportunity for FAO, IPGRI and the CBD secretariat to collaborate.

Having drawn attention to the importance of agricultural biodiversity, I also want to stress the need for a substantially increased international effort on the conservation and sustainable use of genetic resources. We should all work together to influence decision makers to invest more in this critically important area. As an example, consider our increased and broadened collaboration with FAO in the past few years. I am very pleased to report that we very recently signed a new Memorandum of Understanding with FAO. The MOU recognizes this increased collaboration, not only with IPGRI, but also with the other Future Harvest Centres through the System-wide Genetic Resources Programme, and with the CGIAR as a whole through the Genetic Resources Policy Committee. This increased collaboration is not only in the area of plant genetic resources, but also covers forest genetic resources, livestock genetic resources and many other areas related to the interests of this Commission. However, even greater efforts are necessary if we want to achieve the goals set by heads of state on the occasion of several world summits.

IPGRI, in its capacity as coordinator of the System-wide Genetic Resources Programme of the CGIAR has, over the years, also been collaborating increasingly with this Commission. We are keen to continue to do so, as well as to work with the Governing Body of the International Treaty when it has been established. The Future Harvest Centres primarily work with member countries, in collaboration with national research systems, civil society organizations, and farmers, and play an important role in research and technology transfer. I want to highlight here just a few recent examples of the contributions of the Future Harvest Centres to efforts that are of particular interest to this Commission:

The International Livestock Research Institute (ILRI), the International Centre for Agricultural Research in the Dry Areas (ICARDA) and IPGRI are collaborating with FAO to organize a technical conference on animal genetic resources. The conference will contribute to the further development of an updated global strategy for the conservation and sustainable use of animal genetic resources, and will be held in the first quarter of 2005 in Montpellier, France.

Eleven Future Harvest Centres hold more than 500,000 accessions of plant genetic resources collections in trust under the auspices of FAO. The centres are collaborating in the System-wide Information Network for Genetic Resources (SINGER) initiative, which allows anyone to access from a single entry point information on all of the accessions. Recently, using data standards developed jointly with FAO and the tools developed by SINGER, information on more than one million accessions held in Europe have now become accessible centrally in the same way, as part of the EURISCO project. This type of effort should be broadened to all regions of the world, where it will constitute an important tool in the development of the rational system for conservation of plant genetic resources that is called for in the International Treaty and in the Global Plan of Action.

Many of the Future Harvest Centres are also participating in regional efforts supported by the secretariat of the Global Crop Diversity Trust to develop regional and crop strategies that will help the Trust to identify priorities for upgrading national genebanks holding important collections.

A final example: on request from a number of countries and regions, IPGRI is playing a facilitator role and is providing technical advice in the development of national and regional policies on genetic resources for food and agriculture.

I would like to conclude by re-emphasising the crucial role played by the Commission for the world's agriculture. Unfortunately the general public does not know enough about this, and perhaps we should do more about that too.

The successful conclusion of the International Treaty on Plant Genetic Resources for Food and Agriculture, and its entry into force on 29 June of this year has been a major breakthrough. It will allow all countries to strengthen their use of plant genetic resources for food and agriculture for poverty alleviation and food security and for a more environmentally sustainable agriculture worldwide, thereby significantly contributing to the achievement of several of the Millennium Development Goals. I am very happy that 61 countries have already ratified the Treaty and that many more are in the process of doing so. Later this week this Commission will discuss the agreement that

will guide the ways in which the Future Harvest Centres and the Commission will collaborate in the future.

Besides plant genetic resources, the Commission also has other important items on its agenda for the future. It is already working in the area of farm animal genetic resources; it may in the future deal with forest genetic resources more extensively, with fish genetic resources, and more broadly with agricultural biodiversity. The Future Harvest Centres of the CGIAR stand ready to further increase their collaboration with FAO and with the Commission as it broadens its agenda in these new areas.

I thank you for your attention and wish you a happy anniversary.





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**APPENDIX D4**

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**STATEMENT BY  
THE PERMANENT REPRESENTATIVE OF ROMANIA, ON BEHALF OF THE  
EUROPEAN REGIONAL GROUP**

Mr. Chairman,

Romania, speaking on behalf of the European Regional Group, would like to thank the Chair and the Bureau of the Commission in conducting our work during this week.

Specifically, we would like to take the opportunity of the Commission's twentieth anniversary to address a few words to the Secretariat of the Commission. Over the last twenty years the Secretariat has done a substantial amount of work for the Commission. We continue to appreciate the Secretariat for its assistance and efforts. In particular, we would like to commend Mr José Esquinas for his inspiring and charismatic role as Secretary of the Commission. His guiding role in the Secretariat and contribution to the field of genetic resources in general is invaluable. On top of his significant personal contribution, Mr Esquinas is renowned for his ability to inspire all for the subject of genetic resources. His 'melon stories' will surely continue to enthuse a new generation of people that may influence the genetic resource debate in the future.

Equally, Clive Stannard has made a unique contribution to our work.

And, of course, we could not leave this meeting without also thanking all the staff of the Secretariat of the Commission on Genetic Resources for Food and Agriculture.

Thank you all for your effort and great work.

Thank you, Mr. Chairman



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**APPENDIX D5**

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**STATEMENT  
BY THE PERMANENT REPRESENTATIVE OF COLOMBIA****Commemoration of the Twentieth Anniversary of the  
Commission on Genetic Resources for Food and Agriculture  
Rome, 8 November 2004**

As Chair of GRULAC and on behalf of the Latin America and Caribbean Regional Group, the Permanent Representation of Colombia wishes to thank FAO for holding this ceremony to mark the 20<sup>th</sup> anniversary of the Commission on Genetic Resources for Food and Agriculture.

The Latin America and Caribbean Region welcomes the prominent role played by the Commission in its fine efforts to achieve the Millennium goals of reducing hunger and malnutrition in the world, through the promotion of diversity and conservation of genetic resources for food and agriculture.

Achievements like the International Treaty on Plant Genetic Resources for Food and Agriculture provide a fundamental international framework for world food security and sustainable agriculture.

We also wish to highlight recent work on animal genetic resources carried out with FAO support. Our countries have demonstrated their firm and growing commitment towards the conservation and sustainable utilization of these genetic resources that constitute the major challenge lying ahead.

I should like to recall the then Representative of Mexico, Mr José Ramón López Portillo, who, in 1979 and with others, initiated discussions of these matters that are of such importance to present and future generations, and Ambassador Carlos di Mottola Balestra of Costa Rica who chaired the Commission's first regular session in 1985.

We must also recognize the work of Ambassador Fernando Gerbassi of Venezuela, who chaired this Commission for five years and secured the adoption of the International Treaty on Plant Genetic Resources for Food and Agriculture.

Other and no less important representatives of the countries of Latin America and the Caribbean have stood out, on account of their leadership and dedication in furthering this issue of such vital importance to the world.

We should also like to express our gratitude to Mr José Esquinas-Alcázar, Secretary of this Commission since its inception, for his outstanding collaboration and commitment.

All of which, Mr Chairman, leaves me to state that after the achievements of these 20 years for genetic resources, the countries of Latin America and the Caribbean will continue to participate in and provide maximum support to future FAO actions undertaken through this Commission.

Thank you.



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**APPENDIX D6**

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**STATEMENT BY  
MR ROBERT BERTRAM  
OUTGOING CHAIR OF THE COMMISSION**

Over the 20 years during which this Commission has worked, much has changed in the world of genetic resources. The “universal heritage” concept has been replaced by national sovereignty, and we have moved beyond a traditional definition of genetic resources to the much broader idea of biological diversity. These and other changes have been driven by science, economics and policy.

Pharmaceuticals and bioprospecting have emerged as important “drivers,” culminating in the development and adoption of the Convention on Biological Diversity. Many of us in the agricultural community watched with some concern, recognizing that pharmaceutical applications of biodiversity needed to be addressed, but at the same time knowing that agriculture operated with a different model, with distinct needs all its own.

Biotechnology itself has led to a new definition of the gene pool, greatly increasing the potential scope of genetic resources for a whole range of organisms. Such changes have posed both challenges and opportunities for the agricultural community.

We can be proud that this Commission has played a vital role in identifying, protecting and communicating the interests of farmers and the larger agricultural sector in these new and rapidly changing contexts. And we have in particular underscored and helped policy makers understand the fundamental relationship between genetic resources and global food security.

A decade ago, our remit was broadened to include a fuller range of genetic resources for food and agriculture, moving beyond plants alone to encompass livestock, fish and microbial organisms. This was a prescient decision, for while we worked for years on developing the International Treaty on Plant Genetic Resources for Food and Agriculture, we began to look more closely at the conservation and sustainable use needs of other genetic resources critical to global food security.

The Treaty has now come into force—a great achievement in and of itself—but it falls to our Interim Committee and soon, to the new Governing Body of the Treaty, to oversee that important work most directly. Nevertheless, this Commission must continue to work with FAO in supporting the implementation of the Treaty.

And clearly, we have much other work ahead of us. Perhaps most notably, we are working to bring much needed attention to the urgent and critical need to ensure strategic and sustainable conservation and use of animal genetic resources for food and agriculture. A good deal of activity is now underway:

147 countries are engaged in preparing the First State of the World Report on Animal Genetic Resources for Food and Agriculture;

- Country, regional and global are underway—through the FAO Domestic Animal Diversity initiatives;
- the European regional focal point is up and running;
- Countries are addressing both *in situ* and *ex situ* conservation needs: *in situ* efforts are becoming more strategic, and *ex situ* collections are expanding;
- Information exchange on animal genetic resource conservation is growing, as countries and regions share experiences.

Although these are encouraging signs, it is clear that more work is needed. While we have stabilized and secured some livestock populations, our awareness of the threats and the urgency of the need is greater than ever before. And many technical issues remain to be addressed and resolved.

Our work in plant genetic resources must also continue:

- We are all excited about the growth and promise of the Global Crop Diversity Trust;
- There are compelling issues around agro-biodiversity and its relationships to sustainable production systems;
- And there are new technologies—e.g., biotechnologies, cryo-preservation and even conservation of individual traits that must be considered and integrated into our efforts.

We need an on-going engagement with the Convention on Biological Diversity, as we seek to complement, not duplicate, their work, and seeking always to give a voice to the needs of agriculture and the critical importance of food security.

Ultimately, this is the crucial role of this Commission—to relate the conservation and sustainable use of plant genetic resources for food and agriculture to global food security, and to the both the needs, and contributions, of farmers and the entire agricultural sector.

This means that as we look ahead and consider conservation and sustainable use:

We must think about the vital importance of productivity gains:

- These are absolutely critical to meeting the global food challenge—constituting an enormous challenge where we cannot afford to be complacent. Remember we are talking about doubling the production of rice and other staple food crops in just 25 years to meet the world's needs, and especially those in Africa, Asia and Latin America.
- And that productivity gains are dependent on continued sharing, exchange and use of genetic resources
- And we must consider the linkages of genetic diversity and productivity gains with income generation, reducing poverty and helping expand access to markets and trade.
- And finally, we must ensure that our efforts be informed by sound science, and by wise policy.

If we do these things, we can help assure that genetic resources—the building blocks of food security—remain viable and available.

In this way, we can be assured that we will have done our duty, making certain that the rich heritage of crop genetic resources, bequeathed to us by generations of farmers, is still there for future generations to use in meeting their own food security.

In conclusion, in this occasion, I want to thank the Commission on Genetic Resources for Food and Agriculture, as it has been a great honor for me to serve as its Chair for these last two years.

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**APPENDIX E**


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**LIST OF THEMATIC BACKGROUND STUDIES  
FOR THE PREPARATION OF THE SECOND  
STATE OF THE WORLD'S PLANT GENETIC RESOURCES  
FOR FOOD AND AGRICULTURE**

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(\* INDICATES A RECOMMENDED PRIORITY)

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<b>Study</b>	<b>Rationale</b>	<b>Scope</b>	<b>Sources &amp; Linkages (<i>inter alia</i>)</b>
<b>A*</b> <b>Plant genetic resources of forage crops, pasture and rangelands</b>	Coverage of forage crops, pasture and rangeland species was very limited in the first Report. This study will seek to address this imbalance, and thereby improve the relevance of the report to agricultural systems dominated by livestock production, mixed farming and pastoralism. It will also provide information needed to update Annex 2 of the Report.	Value and role of forage crops, pasture and rangeland species. Special issues related to the management of plant genetic resources in pastures and rangelands.	Material assembled by the Crop and Grassland Service; Country Reports.
<b>B*</b> <b>The conservation of crop wild relatives</b>	Crop wild relatives require specific approaches to conservation.	Value and role of crop wild relatives; Conservation status in protected areas and elsewhere; Country capacities for conservation (with detailed case studies in nine countries), and research needs.	This study will build upon work carried out in the framework of the proposed GEF-UNEP-IPGRI project: "Conservation of wild crop relatives".

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Study	Rationale	Scope	Sources & Linkages ( <i>inter alia</i> )
<b>C*</b> Indicators of genetic diversity, genetic erosion and genetic vulnerability	Indicators are useful tools to identify and monitor trends, and to convey summary information to policy makers and the public opinion. They are needed for application at global, national and local levels.	The “state of the art” of indicator development and use for genetic diversity, genetic erosion and genetic vulnerability, at various scales, including an evaluation of the feasibility of assessing genetic diversity/erosion at the national level, including through modern molecular techniques.	The study will build upon work carried out in the frameworks of the CBD, CSD, and OECD.
<b>D*</b> Methodologies and capacities for crop improvement; the use of plant genetic resources for food and agriculture in base-broadening and crop improvement, including new approaches to plant breeding and new biotechnologies	There has been significant advancement in the available technologies and methodologies since the preparation of the first Report, but the application of these technologies and methodologies may be limited by plant breeding capacity in developing countries.	Applications of biotechnologies (including marker-assisted selection, and transformation) and genomics to the identification, conservation and use of plant genetic resources for food and agriculture; Participatory and decentralized approaches to plant breeding; Population management; and Genetic Use Restriction Technologies.	Crop and Grassland Service and other FAO services; IPGRI and other IARCS.



Study	Rationale	Scope	Sources & Linkages ( <i>inter alia</i> )
<b>E*</b> <b>Seed security for food security: the management of plant genetic resources in seed systems</b>	Seeds are the physical embodiment of plant genetic resources for food and agriculture, and the main vehicle by which farmer management of plant genetic resources for food and agriculture can be improved.	Analysis of formal and informal seed systems; ways of strengthening links between public, private and informal sectors; strengthening seed security through relief, rehabilitation, development and information services; Genetic Use Restriction Technologies; and Intellectual Property issues.	Country Reports; FAO's regional seed consultations and seed security networks.
<b>F</b> <b>The contribution of plant genetic resources to health and dietary diversity</b>	While just three crops dominate human energy intake, many more are required for a healthy diet. Some plants are especially important sources of nutrition for the poor. Yet they are often overlooked.	Plants important for human health and nutrition at global, national and sub-national scales. Inter- and Intra-species variation in nutrient content. Value of "minor" crops and other plants for vulnerable groups. Role of home and school gardens.	FAO Nutrition Division; IPGRI; Country Reports.
<b>G</b> <b>Managing plant genetic resources in the agro-ecosystem; global change, crop-associated biodiversity and ecosystem services</b>	Plant genetic resources for food and agriculture and associated biodiversity may provide multiple goods and services; they may need to be managed together to maximize these goods and services.	Ecosystem goods and services provided by plant genetic resources for food and agriculture. Deployment of genetic resources in production systems; interactions with crop-associated biodiversity (pest and disease organisms; pollinators and so on).	FAO Interdepartmental Working Group on Biodiversity. The study will contribute to the CBD programme of work on agricultural biodiversity.

Study	Rationale	Scope	Sources & Linkages ( <i>inter alia</i> )
<b>H*</b> <b>Interactions between plant and animal genetic resources, and opportunities for synergy in their management</b>	<p>While FAO has established programmes for both plant and domestic animal genetic resources, there has been little attention to date given to the interactions between these sets of resources. Yet at the level of the production system, crops and livestock are managed together, and the required characteristics of particular breeds or varieties are strongly determined by other components on the farming system.</p>	<p>Interactions between the management of plant and livestock genetic resources in farming system – interactions of the plant and animal genetic resources with other components of the farming system – dependence of the required traits of plant varieties by the presence/absence, type of domestic animal genetic resources and dependence of the required traits of animal breeds by the available plant genetic resources – comparison of approaches of managing crop and livestock genetic resources; lessons learned from one, applicable to the other; opportunities for common institutions and so on.</p>	<p>This study will also be prepared jointly with the preparatory process for the first Report on the <i>State of the World's Animal Genetic Resources</i>.</p>
<b>I*</b> <b>The impact of national, regional and global agricultural policies and agreements on conservation and use of plant genetic resources for food and agriculture</b>	<p>Agricultural policies and the incentive structures they create have major impacts on the conservation and use of plant genetic resources for food and agriculture. Understanding of such impacts is necessary in order to improve policies.</p>	<p>Survey of national, regional and global policies. Analysis of incentive structures and possible impacts on PGRFA conservation and use; and Intellectual Property issues.</p>	<p>Country Reports; Various services in FAO. Could be linked with CBD study on impacts of trade liberalization on agricultural biodiversity.</p>

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<b>Study</b>	<b>Rationale</b>	<b>Scope</b>	<b>Sources &amp; Linkages (<i>inter alia</i>)</b>
<b>J* Biosafety and biosecurity issues related to the conservation and sustainable utilization of PGRFA</b>	The use of genetically modified organisms raises issues for the management of plant genetic resources for food and agriculture. At the same time restrictions on transboundary movement of plants may impact on PGRFA conservation and use.	Genetic contamination in centres of origin and diversity; plant protection and quarantine issues; and Genetic Use Restriction Technologies.	Country Reports, IPPC and FAO Services.

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**APPENDIX F**

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**OBJECTIVE, OPERATIONAL PRINCIPLES, ACTIVITIES AND OPERATIONAL STRUCTURE OF THE FACILITATING MECHANISM*****Objective***

To facilitate the implementation of the *Global Plan of Action* and to encourage the mobilization of technical and financial resources to do so.

***Operational principles***

The Facilitating Mechanism:

- a) must add value to existing activities by identifying new opportunities and avoiding duplication of efforts;
- b) should promote innovative partnerships and creative solutions to obstacles to *Global Plan of Action* implementation;
- c) should facilitate the engagement of more diverse interests in the implementation of the *Global Plan of Action* in order to catalyze the involvement and resources of new partners;
- d) should promote and assist collaboration and coordination of related activities among those engaged in the implementation of the International Treaty on Plant Genetic Resources for Food and Agriculture and other relevant international agreements such as the Convention on Biological Diversity;
- e) shall operate in accordance with national sovereignty, through National Focal Points where desired by governments, and encouraging national level ownership of implementation of the *Global Plan of Action*. It shall respond to requests from countries;
- f) should operate in such a manner that external resources are focused on a country's priority needs and complement a country's own investments in the implementation of the *Global Plan of Action* in accordance with national capacities;
- g) should utilize the results of monitoring the implementation of the *Global Plan of Action* to assist in identifying gaps and priorities in that implementation;
- h) must operate in a transparent manner;
- i) should assist in promoting linkages between plant genetic resources conservation and utilization and sustainable development; and
- j) should promote the involvement of stakeholders, including farmers, the plant breeding sector and the seed sector, in the implementation of the *Global Plan of Action*.

***Activities of the Facilitating Mechanism***

The Facilitating Mechanism should:

- a) provide information on:

- i. sources and availability of financial, technical, material and information resources;
  - ii. linkages among stakeholders;
  - iii. donor and recipient priorities, roles and conditions;
  - iv. best practices and standards and procedures;
  - v. success stories;
  - vi. networking;
  - vii. plans, commitments, targets and indicators; and
  - viii. any other information regarding resources necessary to implement the *Global Plan of Action*.
- b) facilitate and catalyze new partnerships to implement the *Global Plan of Action* by promoting meetings and dialogue to create opportunities among a wide-range of interests involving donors and recipients; international organizations; civil society organizations including farmers' organizations and foundations; plant breeders and the seed sector; and other private sector interests.
  - c) facilitate awareness at all levels, of the roles and values of plant genetic resources in order to mainstream plant genetic resources. Target audiences should be carefully identified
  - d) assist stakeholders, upon request, to develop, in a manner that avoids conflict of interest, project proposals and package proposals to enhance their quality, including to facilitate action planning at the wider level (by crops, thematic areas, and/or regions) to:
    - i. assess the status and implementation of the *Global Plan of Action*
    - ii. identify need and gaps;
    - iii. assist in setting milestones and targets; and
    - iv. engage a wide-range of stakeholders.

### ***Operational Structure***

- a) The Commission on Genetic Resources for Food and Agriculture and its Working Group on Plant Genetic Resources will provide overall guidance to the Facilitating Mechanism;
- b) The Facilitating Mechanism should be hosted by FAO and operated in partnership with IPGRI in a way that attracts and accommodates other international organizations to become partners, as agreed by the Commission on Genetic Resources for Food and Agriculture;
- c) The operational procedures should enable and encourage the direction of financial and other resources to support the implementation of the *Global Plan of Action*;
- d) The operational structure should be designed to enable the Facilitating Mechanism to take greatest advantage of the available technical capacity within FAO and IPGRI, as well as agreed partners;

The operational structure should encourage the participation of a wide range of stakeholders.

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**APPENDIX G**


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**LIST OF DOCUMENTS<sup>1</sup>**
**Working Documents**

CGRFA-10/04/1	Draft Provisional Agenda
CGRFA-10/04/2	Provisional Annotated Agenda and Time-table
CGRFA-10/04/3	Overview of the FAO <i>Global System for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture</i> , and its potential contribution to the implementation of the International Treaty on Plant Genetic Resources for Food and Agriculture
CGRFA-10/04/4	Report of the Second Session of the Intergovernmental Technical Working Group on Plant Genetic Resources for Food and Agriculture
CGRFA-10/04/5	Follow-up to the recommendations of the Commission on Genetic Resources for Food and Agriculture and its Working Group, regarding Plant Genetic Resources for Food and Agriculture
CGRFA-10/04/5 Add.1	Progress in the preparation of the Second <i>Report on the State of the World's Plant Genetic Resources for Food and Agriculture</i>
CGRFA-10/04/6	Report on the International Network of Ex Situ Collections under the Auspices of FAO
CGRFA-10/04/7	Progress in the Development of the Global Strategy for the Management of Farm Animal Genetic Resources
CGRFA-10/04/8	Report of the Third Session of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture
CGRFA-10/04/9	Progress in preparation of the <i>First Report on the State of the World's Animal Genetic Resources</i> and the <i>Report on Strategic Priorities for Action</i>
CGRFA-10/04/9 Add.1	Initiation of the Follow-up Mechanism for the implementation of Strategic Priorities for Action in Animal Genetic Resources
CGRFA-10/04/9 Add.2	Draft Outline for the <i>First Report on the State of the World's Animal Genetic Resources</i> including the <i>Report on Strategic Priorities for Action</i>
CGRFA-10/04/9 Add.3	Budgetary and other aspects of a possible International Technical Conference on animal genetic resources
CGRFA-10/04/10.1	Report from FAO on its policies, programmes and activities on agricultural biological diversity: (1) Sectorial matters
CGRFA-10/04/10.2	Report from FAO on its policies, programmes and activities on agricultural biological diversity: (2) Cross-sectorial matters
CGRFA-10/04/10.3	Report from FAO on its policies, programmes and activities on agricultural biological diversity: (3) Priority Areas for Inter-disciplinary Action (PAIAs)

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<sup>1</sup> All documents are available on the internet at <http://www.fao.org/ag/cgrfa/docs10.htm>.

CGRFA-10/04/11.1	Reports from international organizations on their policies, programmes and activities on agricultural biological diversity: (1) United Nations and other Inter-governmental Organizations
CGRFA-10/04/11.2	Reports from international organizations on their policies, programmes and activities on agricultural biological diversity: (2) International Agricultural Research Centres of the Consultative Group on International Agricultural Research (CGIAR)
CGRFA-10/04/11.3	Reports from international organizations on their policies, programmes and activities on agricultural biological diversity: (3) International Non-governmental Organizations
CGRFA-10/04/11 Add.1 Rev.1 (English only)	Reports from international organizations on their policies, programmes and activities on agricultural biological diversity: Reports arrived late for translation
CGRFA-10/04/12	Cooperation with the Convention on Biological Diversity
CGRFA-10/04/13	Progress in the Draft Code of Conduct on Biotechnology as it relates to genetic resources for food and agriculture: policy issues, gaps and duplications
CGRFA-10/04/14	Future work of the Commission

#### Information Documents

CGRFA-10/04/Inf.1	Statutes of the Commission on Genetic Resources for Food and Agriculture
CGRFA-10/04/Inf.2	Statutes of the Intergovernmental Technical Working Group on Animal Genetic Resources for Food and Agriculture, and Members elected by the Ninth Regular Session of the Commission
CGRFA-10/04/Inf.3	Statutes of the Intergovernmental Technical Working Group on Plant Genetic Resources for Food and Agriculture, and Members elected by the Ninth Regular Session of the Commission
CGRFA-10/04/Inf.4 (English only)	Report of the Meeting on the Evaluation of the Pilot Phase of the New Approach for Monitoring the Implementation of the Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture
CGRFA-10/04/Inf.5	Indicators and reporting format for monitoring the implementation of the Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture
CGRFA-10/04/Inf.6 (English only)	Country Progress Report on the implementation of the <i>Global Plan of Action for the Conservation and Sustainable Utilization of Plant Genetic Resources for Food and Agriculture</i>
CGRFA-10/04/Inf.7 (English only)	Strengthening Seed Systems
CGRFA-10/04/Inf.8 (English only)	Country Guidelines for the Second <i>State of the World's Plant Genetic Resources for Food and Agriculture</i>
CGRFA-10/04/Inf.9 (English only)	Draft Report on the Strategic Priorities for Action
CGRFA-10/04/Inf.10 (English, French and	Statement of competence and voting rights submitted by the European Community and its Member States



Spanish only)

CGRFA-10/04/Inf.11 (English only)	Agreement Between the Tropical Agricultural Research and Higher Education Center (CATIE) and the Food and Agriculture Organization of the United Nations (FAO) Placing Collections of Plant Germplasm under the Auspices of FAO
CGRFA-10/04/Inf.12	No document
CGRFA-10/04/Inf.13 (English only)	Reports from International Organizations on their Policies, Programmes and Activities on Agricultural Biological Diversity Part II: The International Agricultural Research Centres of the Consultative Group on International Agricultural Research (CGIAR) – List of National and International Partners in Research Programmes on Farm Animal Genetic Resources
CGRFA-10/04/Inf.14 (English only)	Report on the International Network of Ex Situ Collections under the Auspices of FAO: Further Information Provided by the International Centre for Tropical Agriculture (CIAT), Regarding its Request for a Re-examination of U.S. Patent No.5,894,079
CGRFA-10/04/Inf.15	No document
CGRFA-10/04/Inf.16 (English only)	Strengthening National Structures for the Management of Farm Animal Genetic Resources – Results of a Questionnaire Survey
CGRFA-10/04/Inf.17	List of Documents
CGRFA-10/04/Inf.18	List of Delegates and Observers

**New Background Study Papers of the Commission (available only in English)**

Background Study Paper No.20 (English only)	Compliance Building under the International Treaty on Plant Genetic Resources for Food and Agriculture
Background Study Paper No.21 (English only)	The Economics of Farm Animal Genetic Resources Conservation and Sustainable Use: Why is it important and what have we learned?
Background Study Paper No. 22 (English only)	Conservation Strategies for Animal Genetic Resources
Background Study Paper No. 23 (English only)	An analysis of the effectiveness of plant genetic resources networks
Background Study Paper No. 24 (English only)	The Legal Framework for Animal Genetic Resources



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**APPENDIX H**

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**LIST OF ORGANIZATIONS THAT PRESENTED REPORTS TO THE TENTH  
REGULAR SESSION OF THE COMMISSION*****United Nations and other Inter-Governmental Organizations***

Tropical Agricultural Research and Higher Education Centre (CATIE)  
Convention on Biological Diversity (CBD)  
International Atomic Energy Agency (IAEA)  
International Centre of Insect Physiology and Ecology (ICIPE)  
International Fund for Agricultural Development (IFAD)  
Inter-American Institute for Cooperation on Agriculture (IICA)  
World Organization for Animal Health (OIE)  
Southern African Development Community (SADC)  
United Nations Conference on Trade and Development (UNCTAD)  
United Nations Environment Programme (UNEP)  
International Union for the Protection of New Varieties of Plants (UPOV)  
World Intellectual Property Rights Organization (WIPO)  
World Bank (WB)

***International Agricultural Research Centres of the Consultative Group on International  
Agricultural Research (CGIAR)***

CIMMYT (Centro Internacional de Mejoramiento de Maíz y Trigo)  
CIP (Centro Internacional de la Papa)  
CIAT (Centro Internacional de Agricultura Tropical)  
CIFOR (Centro Internacional de Investigación Forestal)  
ICARDA (International Centre for Agricultural Research in the Dry Areas)  
ICRAF (International Council for Research in Agroforestry)  
ICRISAT (International Crops Research Institute for the Semi-arid Tropics)  
IFPRI (International Food Policy Research Institute)  
IITA (International Institute for Tropical Agriculture)  
ILRI (International Livestock Research Institute)  
INIBAP (International Network for the Improvement of Banana and Plantain) – *programme of IPGRI*  
IPGRI (International Plant Genetic Resources Institute)  
IRRI (International Rice Research Institute)  
ISNAR (International Service for National Agricultural Research) – *programme of IFPRI*  
IWMI (International Water Management Institute)  
WARDA (West Africa Rice Development Association)  
WorldFish (WorldFish Center)

***International Non-Governmental Organizations***

Action Aid International (AAI)

The Associated Country Women of the World (ACWW)

Center for the Application of Molecular Biology to International Agriculture  
(CAMBIA)

ETC Group – Action Group on Erosion, Technology and Concentration

Friends World Committee for Consultation (FWCC)

International Federation Organic Agriculture Movement (IFOAM)

The International Seed Federation (ISF)

Intermediate Technology Development Group (ITDG)

The International Union of Forestry Research Organisations (IUFRO)



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附录 I – APPENDIX I – ANNEXE I – ANEXO I

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代表和观察员名单  
**LIST OF DELEGATES AND OBSERVERS**  
**LIST DES DÉLEGUÉS ET OBSERVATEURS**  
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