

Country Report on the implementation of  
the International Treaty on Plant Genetic  
Resources for Food and Agriculture  
(ITPGRFA)

**LIBYA**

05/05/2016

Top of Form  Yes  No

4. Have PGRFA been surveyed and inventoried in your country?

No  Yes

-If your answer is 'yes', please provide details of your findings, specifying species, sub-species and/or varieties, including those that are of potential use:

Critical Analysis of Libyan plant genetic resources.

If your answer is 'no', please indicate:

- Any difficulties encountered in surveying or inventorying PGRFA;
- Any action plans to survey and inventory PGRFA;
- The most important PGRFA that should be surveyed and inventoried:

5. Has any threat to PGRFA in your country been identified? YES

If your answer is 'yes', please indicate:

- The species, subspecies and/or varieties subject to such threats; -
- The sources (causes) of these threats; (drought ,salinity, grazing offer , cavils )
- Any steps taken to minimise or eliminate these threats;
- Any difficulties encountered in implementing such steps:

Yas

\* The some species threats

*Glaucum flavum Crantz , Cachrys ferulacea , ris germanica, Crataegus pallasii*

*Ferula marmarica, Rubia peregrina, Pergularia tomentosa, Cachryssicula*

*Trichodesma Africana, Ephedra altissima*

*Ephedra alata , Prunus mahaleb , Rosmarinus officinalis , Thymus capitatus , Satureja thymbra*

*Arum cyrenaicum , Rubus sanctus , Salvadoria persica, Myrtus communis , Quercus cocifera*

*Arbutus pavarii*

The sources (causes) of these threats –Encroachment , Trass passing , Drought , Fires

Property Rights , Rangelands

salinity, grazing offer , cavils

6. Has the collection of PGRFA and relevant associated information on those plant genetic resources that are under threat or are of potential use been promoted in your country?

- If your answer is 'yes', please provide details of the measures taken: **Yes**

Some of the species have been promoted such as : Barley , Wheat , annual medics , Vetches , Lathyrus , alfalfa, **triticales, rang plants and some vegetables ...etc.**

\* Seed multiplication **some** species under go

\* Evaluation studies

7. Have farmers and local communities' efforts to manage and conserve PGRFA on-farm been promoted or supported in your country?

No  **Yes**

If your answer is 'yes', please provide details of the measures taken:-

**Yes**

\* Barley and wheat species and food legume.

\* Alfalfa

\* Date palm

\* Olive trees

\* *Atriplex helimus*

8. Has *in situ* conservation of wild crop relatives and wild plants for food production been promoted in your country?

No  **Yes**

If your answer is 'yes', please indicate whether any measures have been taken to:

Promote *in situ* conservation in protected areas;

Support the efforts of indigenous and local communities.

If such measures have been taken, please provide details of the measures taken:

**No**

Conservation areas of about 5 ha in deferent sites

Example : Msellata , Ajdabia , Heisha , Haraba , Ghadama , BirAyad

Trees of olives and palm the in their indigenous sits

Example: Kufra , Jalou , Fezzan

9. Are there any *ex situ* collections of PGRFA in your country?

No  **Yes**

-If your answer is 'yes', please provide information on the holder and content of such collections:

**Yes**

-National Genbank (NB).

- Agriculture Research Center STATIONS(ARC) .Tajura , elfatayah , Bengazi, Elhera , sebha,Zahra, Tarhouna.Al marge and sffet.

( Crops ,Cereals(wheat,barley and corn) , legumes (bean,broadbeans,lentil and chick peas),horticulturs(oliv, citrus , figs, Palme ,grapes..etc. ), .....

Has the development of an efficient and sustainable system of *ex situ* conservation of PGRFA been promoted in your country?  No  Yes

-If your answer is 'yes', please indicate the measures taken to promote *ex situ* conservation, in particular any measures to promote the development and transfer of technologies for this purpose:

Yes just started in some measurements such as development and transfer of technologies.

Not in very good condition

10. Has the maintenance of the viability, degree of variation, and the genetic integrity of *ex situ*

collections of PGRFA been monitored in your country?  Yes  No

- If your answer is 'yes', please provide details of the main conclusions of these monitoring activities:?

-Viability monitoring in the plant Genetic Resources

-ARC is taking place

-Genetic Rescores in the Genebank are in good viability some are difficult to monitored

And their viability are not yet determined .

Has your country cooperated with other Contracting Parties, through bilateral or regional channels, in the conservation, exploration, collection, characterization, evaluation or documentation of PGRFA?  Yes  NO

- If your answer is 'yes', please indicate the other Contracting Parties with whom the cooperation was undertaken (where additional to cooperation through the Governing Body or other Treaty mechanisms) and, where possible, details of any relevant projects:

Yes

- National level :-1- Faculty of science , Agriculture Research Center (ARC)AND ministry of agriculture .

- INTERNATIONAL LEVEL: ICARDA,BIVERSITYAND BARY AND Australia ( SCRIO )

- Cooperation was made with conserve

- ICARDA - GRU

-BARI

- SCRIO Australia Manual medicsCollectiont

— Tripoli –Libya

- ICARDA

characterization, evaluation for annual medico , ( Libyan Medic Evaluation project 1984-1980)

Documentation

- IPGRI (Bioversity)

- ICARDA

## Article 6: Sustainable Use of Plant Genetic Resources for Food and Agriculture

- Are there any policy and legal measures<sup>2</sup> in place in your country that promote the sustainable use of PGRFA? No  Yes

-If your answer is 'yes', please indicate whether such policy and legal measures include:

- Pursuing fair agricultural policies that promote the development and maintenance of diverse farming systems that enhance the sustainable use of agricultural biological diversity and other natural resources;
- Strengthening research that enhances and conserves biological diversity by maximizing intra- and inter-specific variation for the benefit of farmers;
- Promoting plant breeding efforts, with the participation of farmers, that strengthen the capacity to develop varieties particularly adapted to social, economic and ecological conditions, including in marginal areas;
- Broadening the genetic base of crops and increasing the range of genetic diversity available to farmers;
- Promoting the expanded use of local and locally adapted crops, varieties and underutilised species;
- Supporting the wider use of diversity of varieties and species in on-farm management, conservation and sustainable use of crops and creating strong links to plant breeding and agricultural development;
- Reviewing and adjusting breeding strategies and regulations concerning variety release and seed distribution.

- If such policy and legal measures are in place, please provide details of the measures taken and any difficulties encountered in implementing them:

Many resolutions was taken.

## Article 7: National Commitments and International Cooperation:

11. Has the conservation, exploration, collection, characterization, evaluation, documentation and sustainable use of PGRFA been integrated into your country's agriculture and rural development programs and policies?  yes  No

- If your answer is 'yes', please provide details of the integration of such activities into the agriculture and rural development programs and policies:

YES

<sup>2</sup>For the purpose of this report, legal measures may include regulations.

In the plant Genetic resource Bank some efforts were made for conservation , Exploration , collection , and documentation of some plant genetic resources , cereal crops.

12. Has your country cooperated with other Contracting Parties, through bilateral or regional channels, in the conservation and sustainable use of PGRFA?  **yes**  NO

- If your answer is 'yes', please indicate whether the aim of such cooperation is to:

Strengthen the capability of developing countries and countries with economies in transition with respect to conservation and sustainable use of PGRFA;

Enhance international activities to promote conservation, evaluation, **documentation, genetic enhancement, plant breeding, seed multiplication, and sharing, providing access to and exchanging PGRFA and appropriate information and technology, in conformity with the Multilateral System of Access and Benefit-Sharing under the Treaty.**

- If, in addition to cooperation through the Governing Body or other Treaty mechanisms, your country has cooperated with other Contracting Parties directly or through FAO and other relevant international organizations, please indicate such other Contracting Parties and, where possible, details of any relevant projects: NO

yes

#### Article 8: Technical Assistance:

13. Has your country promoted the provision of technical assistance to developing countries and countries with economies in transition, with the objective of facilitating the implementation of the Treaty?  YES  **No**

- If your answer is 'yes', please provide details of the measures taken:

NO

14. Has your country received technical assistance with the objective of facilitating the implementation of the Treaty?  **yes**  **No**

- If your answer is 'yes', please provide details of such technical assistance:

NO

#### Article 9: Farmers' Rights:

15. Have any measures been taken to protect and promote farmers' rights in your country?

**yes**  No

- If your answer is 'yes', please indicate whether such measures were related to:

Recognition of the enormous contribution of local and indigenous communities and farmers of all regions of the world to the conservation, development and use of plant genetic resources;

The protection of traditional knowledge relevant to PGRFA;

- The right to equitably participate in sharing benefits arising from the utilisation of PGRFA;
- The right to participate in making decisions, at the national level, on matters related to the conservation and sustainable use of PGRFA;
- The right to save, use, exchange and sell farm-saved seed / propagating material.

- If such measures were taken, please provide details of the measures taken and any difficulties encountered in implementing them:

NO

#### Article 11: Coverage of the Multilateral System:

16. Has your country included in the Multilateral System of Access and Benefit-Sharing (MLS) all PGRFA listed in Annex I to the Treaty that are under the management and control of your

Government and in the public domain? All  Partially  None

- If your answer is 'all', please provide details of any difficulties encountered in including Annex I PGRFA in the MLS:

NO

- If your answer is 'partially', please provide details of:

- The extent to which Annex I PGRFA have been included in the MLS;
- The crops that have been included in the MLS; and
- The difficulties encountered in including Annex I PGRFA in the MLS:

- If your answer is 'none', please provide details of the difficulties encountered in including Annex I PGRFA in the MLS:

The difficulties encountered manly the rules .

17. Has your country taken measures to encourage natural and legal persons within your jurisdiction who hold Annex I PGRFA to include those resources in the MLS?  yes  No

- If your answer is 'yes', please provide details of:

- The natural or legal persons within your jurisdiction that included Annex I PGRFA in the MLS;
- The crops that have been included in the MLS by these persons; and
- Any difficulties these persons encountered in including Annex I PGRFA in the MLS:

NO

If your answer is 'no' please provide details, in particular details of any difficulties encountered in encouraging these persons to include Annex I PGRFA in the MLS:

Because there is no any legal for such activities.

#### Article 12: Facilitated access to plant genetic resources for food and agriculture within the Multilateral System:

18. Has your country taken measures to provide facilitated access to Annex I PGRFA, in accordance with the conditions set out in Article 12.4 of the Treaty?  yes  No

- If your answer is 'yes', please provide details of such measures:

NO

- If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex I PGRFA:

Many difficulties encountered the main one are money .

19. Has facilitated access been provided in your country to Annex I PGRFA pursuant to the Standard Material Transfer Agreement (SMTA)?  yes  No

-If your answer is 'yes', please provide the number of SMTAs entered into:

-If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex I PGRFA pursuant to the SMTA:

The main difficulties are no rules .

20. Has the SMTA been used voluntarily in your country to provide access to non-Annex I PGRFA?

yes  No

- If your answer is 'yes', please indicate the number of such SMTAs entered into:

NO

21. Does the legal system of your country provide an opportunity for parties to material transfer agreements (MTAs) to seek recourse in case of contractual disputes arising under such agreements?  yes  No

-If your answer is 'yes', please provide details of the relevant laws, regulations or procedures:

YES

22. Does the legal system of your country provide for the enforcement of arbitral decisions related to disputes arising under the SMTA?  yes  No

If your answer is 'yes', please provide details of the relevant laws, regulations or procedures:

NO

23. Have there been any emergency disaster situations in respect of which your country has provided facilitated access to Annex I PGRFA for the purpose of contributing to the re-establishment of agricultural systems?  Yes  NO

NO



-If your answer is 'yes', please provide details of such emergency disaster situations and the Annex I PGRFA to which access was provided:

**Article 13: Benefit-sharing in the Multilateral System**

24. Has your country made any information available regarding Annex I PGRFA?  Yes  NO  
- If your answer is 'yes', please provide details of any information made available regarding Annex I PGRFA (e.g. catalogues and inventories, information on technologies, results of scientific and socio-economic research, including characterization, evaluation and utilization):

NO

25. Has your country provided or facilitated access to technologies for the conservation, characterization, evaluation and use of Annex I PGRFA?  Yes  NO  
-If your answer is 'yes', please indicate whether your country:

- Has established or participated in crop-based thematic groups on utilization of PGRFA;
- Is aware of any partnerships in your country in research and development and in commercial joint ventures relating to the material received through the MLS, human resource development and effective access to research facilities.

If access to technologies was provided, please provide details of the access provided:

NO

26. Has your country provided for and/or benefitted from capacity building measures in respect of Annex I PGRFA?<sup>3</sup>  Yes  NO  
-If your answer is 'yes', please indicate whether such measures were related to:

- Establishing and/or strengthening programs for scientific and technical education and training in conservation and sustainable use of PGRFA;
- Developing and strengthening facilities for conservation and sustainable use of PGRFA;
- Carrying out scientific research and developing capacity for such research.

If your country provided for and/or benefitted from such measures, please provide details:

NO

**Article 14: Global Plan of Action**

27. Has your country promoted the implementation of the Global Plan of Action for the Conservation and Sustainable Use of Plant Genetic Resources for Food and Agriculture?  Yes  NO

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<sup>3</sup>Please note that this question differs from question 15 as it only concerns Annex I PGRFA and is more specific.

-If your answer is 'yes', please indicate whether the implementation of the plan was promoted through:

- National actions;
- International cooperation;

If the implementation of the plan was promoted, please provide details:

NO

**Article 15: Ex Situ Collections of Plant Genetic Resources for Food and Agriculture held by the International Agricultural Research Centres of the Consultative Group on International Agricultural Research and other International Institutions**

28. Has facilitated access to Annex I PGRFA been provided in your country to the International Agricultural Research Centres of the Consultative Group on International Agricultural Research (IARCs) or other international institutions that have signed agreements with the Governing Body of the Treaty?  YES  NO

- If your answer is 'yes', please indicate:

- To which IARCs or other international institutions facilitated access was provided;
- The number of SMTAs entered into with each IARC or other international institution:

YES

-If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex I PGRFA to IARCs and other international institutions that have signed agreements with the Governing Body of the Treaty:

29. Has access to non-Annex I PGRFA been provided in your country to IARCs or other international institutions that have signed agreements with the Governing Body of the Treaty?  YES  NO

-If your answer is 'yes', please indicate:

- To which IARCs or other international institutions access was provided;
- The number of MTAs entered into with each IARC or other international institution:

NO

-If your answer is 'no', please provide details of any difficulties encountered in providing access to non-Annex I PGRFA to IARCs and other international institutions that have signed agreements with the Governing Body of the Treaty:

**Article 16: International Plant Genetic Resources Networks**

30. Has your country undertaken any activities to encourage government, private, non-governmental, research, breeding and other institutions to participate in the international plant genetic resources networks?  Yes  No  
-If your answer is 'yes', please provide details of such activities:

YES

**Article 18: Financial Resources**

31. Has your country provided to and/or received financial resources for the implementation of the Treaty from other Contracting Parties through bilateral, regional or multilateral channels?  
 Yes  NO

-If your answer is 'yes', please indicate such other Contracting Parties and, where possible, provide details of such channels and the amount of the financial resources involved:

NO

32. Has your country provided financial resources for national activities for the conservation and sustainable use of PGRFA?  YES  NO  
-If your answer is 'yes', please provide details of such national activities and the amount of the financial resources involved: **THY PROVED NGB TO COLLECT MATERAIL FROM MANY ZONES.**

YES

**About this reporting format**

33- Have you encountered any difficulties in completing this reporting format?  Yes  NO  
- If your answer is 'yes', please provide details on such difficulties:

-If you have suggestions for improvement of this reporting format, please share them:

**General remarks on the implementation of the Treaty**

33. You may use this box to share any advice you may have arising from your country's experience with implementation of the Treaty:

34. You may use this box to share any additional information that may be useful to provide a broader perspective of difficulties in implementation of the Treaty:

35. You may use this box to share any additional information that may be useful to provide a broader perspective of measures that could help to promote compliance:

