

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

JAPAN

31/07/2017

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Plant Genetic Resources for Food and Agriculture (ITPGRFA)
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** July, 2017

Article 4: General Obligations

1. Are there any laws, regulations procedures or policies in place in your country that implement the Treaty?

Please select only one option

Yes

No

1A. If your answer is 'yes', please provide details of such laws, regulations, procedures or policies:

The Genebank Project articulated in the Medium to Long-term Plan of the National Agriculture and Food Research Organization (NARO) provides the basis of implementing the Treaty, on conserving, exploring, collecting, evaluating, characterizing and documenting/disseminating reports on plant genetic resources for food and agriculture (PGRFA).

2. Are there any other laws, regulations, procedures or policies in place in your country that apply to plant genetic resources?

Please select only one option

Yes

No

2A. If your answer is 'yes', please provide details of such laws, regulations, procedures or policies:

- Act on Conservation of Endangered Species of Wild Fauna and Flora (Act No. 75 of 1992):

The act provides for necessary measures to conserve endangered species of wild fauna and flora.

- Plant Variety Protection and Seed Act (Act No. 83 of 198):

The act provides the legal basis of registering plant varieties, aimed at protecting new plant varieties.

3. Is there any law, regulation, procedure or policy in place in your country that needs to be adjusted / harmonized to ensure conformity with the obligations as provided in the Treaty?

Please select only one option

Yes

No

3A. If your answer is 'yes', please provide details of such adjustments and any plans to make those adjustments:

Article 5: Conservation, Exploration, Collection, Characterization, Evaluation and Documentation of Plant Genetic Resources for Food and Agriculture

4. Has an integrated approach to the exploration, conservation and sustainable use of plant genetic resources for food and agriculture (PGRFA) been promoted in your country?

Please select only one option

Yes

No

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

Please select only one option

Yes

No

5A. 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.

See the attached file (list5A).

5B. 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

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

Please select only one option

Yes

No

6A. If your answer is 'yes', please indicate:

- The species, subspecies and/or varieties subject to such threats;

Arisaema heterocephalum subsp. *okinawense*, *Asarum caudigerum*, *Asarum okinawense*, *Polystichum obae*, *Gentiana yakushimensis*, *Chionographis koidzumiana* var. *kurokamiana*, *Anoectochilus formosanus*, *Cypripedium macranthos* var. *macranthos*, *Cypripedium macranthos* var. *rebunense*, *Cypripedium macranthos* var. *speciosum*, *Dendrobium okinawense*, *Macodes petola*, *Odontochilus tashiroi*, *Polemonium kiushianum*, *Callianthemum hondoense*, *Tectaria fauriei*, *Asparagus kiusianus*, *Asparagus oligoclonos*, *Citrus nippokoreana*, *Citrus tachibana*, *Dioscorea luzonensis*, *Dioscorea tabatae*, *Dioscorea zentaroana*, *Dioscorea asclepiadea*, *Dioscorea izuensis*, *Ficus iidaiana*, *Ficus nishimurae*, *Fragaria nipponica* var. *yakusimensis*, *Glycine max* subsp. *formosana*, *Glycine tabacina*, *Glycine koidzumii*, *Malus hupehensis*, *Malus spontanea*, *Prunus tamaclivorum*, *Prunus hisauchiana*, *Prunus incisa* var. *bukosanensis*, *Prunus sargentii* var. *akimotoi*, *Pyrus calleryana*, *Pyrus ussuriensis* var. *ussuriensis*, *Pyrus ussuriensis* var. *hondoensis*, *Rubus hatsushimae*, *Rubus amamianus* var. *minor*, *Rubus arcticus*, *Rubus nakaii*, *Rubus chingii*, *Rubus swinhoei*, *Rubus lambertianus*, *Rubus pungens* var. *oldhamii*, *Rubus peltatus*, *Rubus pseudoacer*, *Solanum miyakojimense*, *Sorghum nitidum*, *Vaccinium amamianum*, *Vaccinium sieboldii*, *Vaccinium boninense*, *Vaccinium microcarpum*, *Vaccinium yakushimense*, *Vigna vexillata* var. *vexillata*, *Vigna nakashimae*, *Vigna vexillata* var. *tsusimensis*, *Vigna adenantha*, *Vitis romanetii*, *Vitis amurensis*, *Astragalus japonicas*, *Astragalus schelichovii*, *Astragalus tokachiensis*, *Astragalus yamamotoi*, *Astragalus frigidus* subsp. *parviflorus*, *Astragalus sikokianus*, *Hedysarum hedysaroides*, *Lespedeza argyrophylla*, *Lespedeza maximowiczii*, *Lespedeza melanantha*, *Lespedeza tomentosa*, *Lespedeza thunbergii* subsp. *satsumensis*, *Lespedeza hisauchii*, *Agrostis valvata*, *Agrostis hideoi*, *Festuca hondoensis*, *Festuca chiisanensis*, *Festuca parvigluma* var. *breviaristata*, *Festuca takedana*, *Poa yatsugatakensis*, *Poa glauca* var. *kitadakensis*, *Poa hayachinensis*, *Poa nemoralis*, *Poa acroleuca* var. *ryukyuensis*, *Poa glauca* var. *glauca*.

Furthermore, many wild species which can be used as ornamental plants are categorized as endangered (ex. orchids, lilies and rhododendrons).

- The sources (causes) of these threats;

Environmental changes attributable to the destruction of habitats and illegal collections.

- Any steps taken to minimize or eliminate these threats;

Promotion of *in situ* conservation by establishing the Natural Habitat Protection Areas under the Act on Conservation of Endangered Species of Wild Fauna and Flora (Act No. 75 of 1992), and *ex situ* conservation via the NARO Genebank Project and botanical gardens.

- Any difficulties encountered in implementing such steps;

Some wild species in *in situ* conserved protected areas are still collected illegally. In case of *ex situ* conservation, there can be technical difficulties associated with maintaining genetic diversity, especially in vegetative plant propagation.

7. 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?

Please select only one option

Yes

No

7A. If your answer is 'yes', please provide details of the measures taken:

Japan is collecting information on endangered wild plant species and publishes the country's Red List annually. Japan is also collecting endangered wild relatives such as genera *Vitis*, *Malus* and *Vigna*, to conserve them *ex situ*.

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

Please select only one option

Yes

No

8A. If your answer is 'yes', please provide details of the measures taken:

The Ministry of Agriculture, Forestry and Fisheries (MAFF) supports local farmers' efforts to maintain and conserve PGRFA, based on Article 4 (14) of the Act for Establishment of the Ministry of Agriculture, Forestry and Fisheries (Act No. 98 of 1999). Local governments also promote production of traditional vegetables in order to support local farmers.

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

Please select only one option

Yes

No

9A. 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

9B. If such measures have been taken, please provide details of the measures taken:

In situ conservation of wild crop relatives and wild plants for food production has been promoted through the environment conservation measures applied in the special conservation zones of National Parks and quasi-National Parks, the primeval natural environment conservation areas and the special zones of the natural environment conservation areas.

Plants in these areas are strictly protected. For example, a permit from the Minister of the Environment is required to pick plants in National Parks.

Anyone violating the law is ordered to suspend such activities, and is subject to fines or imprisonment.

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

Please select only one option

Yes

No

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

The NARO Genebank Project provides information on *ex situ* collections of Japanese PGRFA at the following URL.

https://www.gene.affrc.go.jp/databases-plant_search_en.php

11. Has the development of an efficient and sustainable system of *ex situ* conservation of PGRFA been promoted in your country?

Please select only one option

Yes

No

11A. 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:

Japan commissions the Genetic Resources Center of the NARO (NGRC) to engage in *ex situ* conservation of PGRFA through its Genebank Project. This Project promotes systematic *ex situ* conservation of PGRFA through measures such as low and ultra-low temperature preservation and vegetative reproduction. The Genetic Resources Center continuously develops new cryopreservation techniques for plants, to which the current techniques are difficult to apply. The cryopreservation techniques are shared with researchers of other countries through collaborative research and/or training.

12. Has the maintenance of the viability, degree of variation, and the genetic integrity of *ex situ* collections of PGRFA been monitoring in your country?

Please select only one option

Yes

No

12A. If your answer is 'yes', please provide details of the main conclusions of these monitoring activities

The NARO Genebank Project monitors seed viabilities of *ex situ* collections of PGRFA through germination tests every five years, by which approximately 20,000-30,000 accessions are checked every year. Accessions with low germination rates are subject to regeneration. NARO also characterizes and evaluates accessions during regeneration to confirm the degree of genetic variation and genetic integrity.

13. Has your country cooperated with other Contracting Parties, through bilateral or regional channels, in the conservation, exploration, collection, characterization, evaluation or documentation of PGRFA?

Please select only one option

Yes

No

13A. 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 Treaty mechanisms) and, where possible, details of any relevant projects:

Japan has been carrying out the following projects focused on PGRFA since 2014:

(1) PGR Asia project: A 5-year research project in collaboration with four Contracting Parties (Cambodia, Lao PDR, Myanmar and Nepal) and one non-Contracting Party (Viet Nam) in the Asian region (2014-2018), focusing on six types of vegetables and three types of grains. This project aims to promote the conservation, characterization, evaluation, and sustainable use of plant genetic resources.

(2) Joint evaluation of genetic resources of vegetables: A 3-year project in collaboration with Indonesia.

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

14. Are there any policy and legal measures in place in your country that promote the sustainable use of PGRFA?

Please select only one option

Yes

No

14A. 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 underutilized 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

14B. If such policy and legal measures are in place, please provide details of the measures taken and any difficulties encountered in implementing them:

(1) Details: In accordance with Article 15 of the Food, Agriculture and Rural Areas Basic Act (“Basic Plan”, Act No.106 of 1999), MAFF promotes exploration and collection of PGRFA through the NARO Genebank Project, which intends to enhance and conserve biological diversity and broaden the genetic basis for agricultural breeding for farmers.

(2) Difficulties: The decline in the number of farmers by a rapid aging of local farming communities in Japan is making collection of local PGRFA a matter of urgency.

Article 7: National Commitments and international Cooperation

15. Has the conservation, exploration, collection, characterization, evaluation, documentation and sustainable use of PGRFA been integrated into your country's agriculture and rural development programmes and policies?

Please select only one option

✓ Yes

No

15A. If your answer is 'yes', please provide details of the integration of such activities into the agriculture and rural development programmes and policies:

Policies for the conservation, exploration, collection, characterization, evaluation, documentation and sustainable use of PGRFA are integrated into “The Basic Plan” mentioned above (See 14B), in addition to the National Biodiversity Strategy of Japan 2012-2020 and the MAFF’s Biodiversity Strategy.

16. Has your country cooperated with other Contracting Parties, through bilateral or regional channels, in the conservation and sustainable use of PGRFA?

Please select only one option

Yes

No

16A. 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.

16B. 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:

In addition to promoting international activities such as the "PGR Asia project" (See 13A), Japan has conducted joint projects with 2 other Contracting Parties. Such joint projects aim to enhance international activities for utilization of PGR, in conformity with the Treaty and relevant international agreements.

Article 8: Technical Assistance

17. 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?

Please select only one option

Yes

No

17A. If your answer is 'yes', please provide details of the measures taken

Japan has promoted collaborative research projects including technical assistance. The

projects contain invitation of scientists from developing member countries aimed at transfer of technology for characterization, evaluation, and sustainable use of PGRFA. E.g. A collaborative research project, titled “Bringing Stability to World Food Supplies with Japanese Technology + Mexican Resources”

http://www.jst.go.jp/global/english/kadai/h2407_mexico.html

18. Has your country received technical assistance with the objective of facilitating the implementation of the Treaty?

Please select only one option

Yes

No

18 A. If your answer is 'yes', please provide details of such technical assistance:

Article 9: Farmers' Rights

19. Subject to national law, as appropriate, have any measures been taken to protect and promote farmers' rights in your country?

Please select only one option

Yes

No

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

Recognition of the enormous contribution that local and indigenous communities and farmers of all regions of the world have made and will continue to make for the conservation and development of plant genetic resources;

The protection of traditional knowledge relevant to PGRFA;

The right to equitably participate in sharing benefit arising from the utilization of PGRFA;

The right to participate in making decisions, at the national level, on matters related to the conservation and sustainable use of PGRFA;

Any rights that farmers have to save, use, exchange, and sell farm-saved seed/propagating material.

19B. If such measures were taken, please provide details of the measures taken and any difficulties encountered in implementing them:

The farmers participate in several national-level councils as members (e.g., the Council of

Food, Agriculture and Rural Area Policies and the Agricultural Materials Council).

Article 11: Coverage of the Multilateral System

20. Has your country included in the Multilateral System of Access and Benefit-Sharing (MLS) all PGRFA listed in Annex 1 to the Treaty that are under the management and control of your Government and in the public domain?

Please select only one option

- All
- Partially
- None

20A. If your answer is 'all', please provide details of any difficulties encountered in including Annex 1 PGRFA in the MLS:

20B. If your answer is 'partially', please provide details of:

- The extent to which Annex 1 PGRFA have been included in the MLS;
It encompasses a part of the following crop groups categorized by the NARO Genebank Project: rice, wheat and barley, root and tuber crops, grasses and forage crops.
- The crops that have been included in the MLS;
Oat, Sweet Potato, Rice, Rye, Potato, Sorghum, Triticale, Fava Bean / Vetch, Wheat, Maize, Legume Forages, Grass Forages
- The difficulties encountered in including Annex 1 PGRFA in the MLS:
Access to the PGRFA conserved at the Genetic resources Center of the NARO must first undergo classification as belonging to the public domain under Article 11.2. Only the confirmed accesses can be registered to the MLS accordingly.

20C. If your answer is 'none', please provide details of the difficulties encountered in including Annex 1 PGRFA in the MLS:

21. Has your country taken measures to encourage natural and legal persons within your jurisdiction who hold Annex 1 PGRFA to include those resources in the MLS?

Please select only one option

- Yes
- No

21A. If your answer is 'yes', please provide details of:

- The natural or legal persons within Japan's jurisdiction that included Annex 1 PGRFA in the MLS;
- The crops that have been included in the MLS by these persons;
- Any difficulties these persons encountered in including Annex 1 PGRFA in the MLS

The MLS has not yet received any PGRFA directly from any individual or corporation.

21B. If your answer is 'no', please provide details, in particular details of any difficulties encountered in encouraging these persons to include Annex 1 PGRFA in the MLS:

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

22. Has your country taken measures to provide facilitated access to Annex 1 PGRFA, in accordance with the conditions set out in Article 12.4 of the Treaty?

Please select only one option

Yes

No

22A. If your answer is 'yes', please provide details of such measures:

Japan implements Article 12.4 of the Treaty via its NARO Genebank Project. The project runs a website that allows the search and access of PGRFA that are already registered with the MLS. (See the following URL)

https://www.gene.affrc.go.jp/databases-plant_search_mls_en.php

22B. If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex 1 PGRFA:

23. Has facilitated access been provided in your country to Annex 1 PGRFA pursuant to the standard material transfer agreement (SMTA)?

Please select only one option

Yes

No

23A. If your answer is 'yes', please provide the number of SMTAs entered into:

140 SMTAs

23B. If your answer is 'no', please provide details of any difficulties encountered in providing facilitated access to Annex 1 PGRFA pursuant to the SMTA:

24. Has the SMTA been used voluntarily in your country to provide access to non-Annex 1 PGRFA?

Please select only one option

Yes

No

24A. If your answer is 'yes', please indicate the number of such SMTAs entered into:

25. 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?

Please select only one option

Yes

No

25A. If your answer is 'yes', please provide details of the relevant laws, regulations or procedures:

Under Article 3-2(3) and 3-3(i) of the Code of Civil Procedure (Act No. 109 of 1996), the defendant can find legal recourse in a contractual dispute in cases where the defendant's principal office is located in Japan and when the object of the claim (including debt) is located in Japan.

26. Does the legal system of your country provide for the enforcement of arbitral decisions related to disputes arising under the SMTA?

Please select only one option

Yes

No

26A. If your answer is 'yes', please provide details of the relevant laws, regulations or procedures:

Article 45 and 46 of the Arbitration Act (Act No. 138 of 2003)

27. Have there been any emergency disaster situations in respect of which your country has provided facilitated access to Annex 1 PGRFA for the purpose of contributing to the re-establishment of agricultural systems?

Please select only one option

Yes

No

27A. If your answer is 'yes', please provide details of such emergency disaster situations and the Annex 1 PGRFA to which access was provided:

Article 13: Benefit-sharing in the Multilateral System

28. Has your country made any information available regarding Annex I PGRFA?

Please select only one option

Yes

No

28A. If your answer is 'yes', please provide details of any information made available regarding Annex 1 PGRFA (e.g. catalogues and inventories, information on technologies, results of scientific and socioeconomic research, including characterisation, evaluation and utilisation)

Information on PGRFA including Annex I crop is available via the following website provided by the NARO Genebank Project: https://www.gene.affrc.go.jp/index_en.php

The website provides not only passport data, but also characterization and evaluation data of the accessions.

29. Has your country provided or facilitated access to technologies for the conservation, characterization, evaluation and use of Annex I PGRFA?

Please select only one option

Yes

No

29A. If your answer is 'yes', please indicate whether your country

Has established or participated in crop-based thematic groups on utilisation 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.

29B. If access to technologies was provided, please provide details of the access provided:

Japan provides technologies related to exploration, characterization, evaluation and pre-breeding of *Solanaceae*, *Cucurbitaceae* species, etc. through collaborative research projects at the NARO.

30. Has your country provided for and/or benefitted from capacity building measures in respect of Annex 1 PGRFA?

Please select only one option

Yes

No

30A. If your answer is 'yes', please indicate whether such measures were related to:

Establishing and/or strengthening programmes 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.

30B. If your country provided for and/or benefitted from such measures, please provide details:

As mentioned in 17A, Japan promotes capacity building programs, including transfer of technology for characterization, evaluation and sustainable use of PGRFA via joint research programs.

Article 14: Global Plan of Action

31. 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?

Please note that this question differs from question 15 as it only concerns Annex I PGRFA and is more specific. Please select only one option

Yes

No

31A. If your answer is 'yes', please indicate whether the implementation of the plan was promoted through:

- ✓ National actions
- ✓ International cooperation

31B. If the implementation of the plan was promoted, please provide details:

For the implementation of GPA, Japan has promoted the following relevant projects:

Example 1: The activities of the Genetic Resources Center at the NARO serve to sustain and expand *ex situ* conservation of germplasm, as well as regenerating and multiplying *ex situ* accessions. (This activity is aligned with the GPA objective of “Supporting targeted collecting of plant genetic resources for food and agriculture”).

Example 2: Japan promotes diversification of crop production and broadening crop diversity for sustainable agriculture via the provision of its Official Development Assistance (ODA) to International Institute of Tropical Agriculture (IITA) (This activity is aligned with the GPA objective of “Supporting seed production and distribution”).

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

32. 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?

Please select only one option

- ✓ Yes
- No

32A. 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:
Although the NARO Genebank project has been ready for providing facilitated access, no request has been received thus far.

32B. If your answer is 'no', please provide details of any difficulties encountered in providing

facilitated access to Annex 1 PGRFA to IARCs and other international institutions that have signed agreements with the Governing Body of the Treaty:

33. 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?

Please select only one option

Yes

No

33A. 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:

Although the NARO Genebank project has been ready for providing facilitated access, no request has been received thus-far.

33B. If your answer is 'no', please provide details of any difficulties encountered in providing access to non-Annex 1 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

34. 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?

Please select only one option

Yes

No

34A. If your answer is 'yes', please provide details of such activities:

Japan has shared information about the international PGR networks to the national research and development agencies, private sectors, universities, and other institutions related to PGRFA utilization.

Article 18: Financial Resources

35. Has your country provided and/or received financial resources for the implementation of the Treaty through bilateral, regional or multilateral channels?

Please select only one option

Yes

No

35A. If your answer is 'yes', where possible, please provide details of such channels and the amount of the financial resources involved:

Japan has provided financial resources to Southeast Asian countries through bilateral channels and via contributions to multilateral organizations such as the Consultative Group on International Agricultural Research (CGIAR) and the World Vegetable Center (AVRDC).

36. Has your country provided financial resources for national activities for the conservation and sustainable use of PGRFA?

Please select only one option

Yes

No

36A. If your answer is 'yes', please provide details of such national activities and the amount of the financial resources involved:

The MAFF funds the following national projects on PGRFA:

(1) Activities in “the NARO Genebank Project” mentioned above in 2A are directed toward conservation, exploration, collection, characterization, evaluation, distribution and documentation of PGRFA.

(2) Project for the Promotion of Utilization of Plant Genetic Resources in the field of Agriculture, Forestry and Fisheries allows the MAFF to provide information on international rules, laws and procedures on PGRFA for domestic users.

About this reporting format

37. Have you encountered any difficulties in completing this reporting format?

Please select only one option

Yes

No

37A. If your answer is 'yes', please provide details on such difficulties:

Question #26 lacks clarity on what article of the Treaty it is referring to.

37B. If you have suggestions for improvement of this reporting format, please share them:

General remarks on the implementation of the ITPGRFA

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

39. 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:

40. 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:

Appendix: LIST 5A

Area	Report	year of publication	vol.	pp.	Mission			Collection		number	category
Niigata, Akita	AREIPGR	2014	30	71-79	Honda/2013/Oct	2013	Oct	Job's tears	Coix lacryma-jobi	9	CWR
Hokkaido	AREIPGR	2014	30	81-91	Sanada/2013/Nov	2013	Nov	Miscanthus	Miscanthus sacchariflorus	14	CWR
Yamagata	AREIPGR	2014	30	81-91	Sanada/2013/Nov	2013	Nov	Miscanthus	Miscanthus sacchariflorus	16	CWR
Iwate	AREIPGR	2014	30	93-99	Fujimori/2013/Nov	2013	Nov	Miscanthus	Miscanthus sacchariflorus	30	CWR
Kumamoto, Kagoshima	AREIPGR	2014	30	101-107	Iketani/2014/Sep	2014	Sep-Oct	Wild grapevine	Vitis kiusiana	3	CWR
Miyazaki, Kagoshima	AREIPGR	2014	30	101-107	Iketani/2013/Oct	2013	Oct-Nov	Wild grapevine	Vitis kiusiana	2	CWR
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	Wild soybean	Glycine soja	51	CWR
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	naturally growing azuki bean	Vigna angularis	3	cultivated
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	Wild azuki bean	Vigna angularis	21	CWR
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	Wild Vigna	Vigna nakashimae	6	CWR
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	Wild Vigna	Vigna radiata	6	CWR
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	Wild Vigna	Vigna umbellata	2	CWR
Kumamoto	AREIPGR	2015	31	1-33	Tomooka/2014/Oct/1	2014	Oct	Wild Vigna	Vigna unguiculata	2	CWR
Gunma, Nagano	AREIPGR	2015	31	35-51	Tomooka/2014/Oct/2	2014	Oct	Wild soybean	Glycine soja	15	CWR
Gunma, Nagano	AREIPGR	2015	31	35-51	Tomooka/2014/Oct/2	2014	Oct	Azuki bean	Vigna angularis	1	cultivated
Gunma, Nagano	AREIPGR	2015	31	35-51	Tomooka/2014/Oct/2	2014	Oct	Wild azuki bean	Vigna angularis var. nipponensis	22	CWR
Oita, Saga, Nagasaki, Kumamoto	AREIPGR	2015	31	53-59	Iketani/2013/Oct Iketani/2014/Mar Iketani/2014/Nov	2013 2014	Oct Mar Nov	Wild apple	Malus toringo	5	CWR
Oita, Saga, Nagasaki, Kumamoto	AREIPGR	2015	31	53-59	Iketani/2013/Oct Iketani/2014/Mar Iketani/2014/Nov	2013 2014	Oct Mar Nov	Wild apple	Malus hupehensis	1	CWR
Oita, Saga, Nagasaki, Kumamoto	AREIPGR	2015	31	53-59	Iketani/2013/Oct Iketani/2014/Mar Iketani/2014/Nov	2013 2014	Oct Mar Nov	Wild apple	Malus micromalus	2	CWR

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Niigata, Nagano	AREIPGR	2015	31	61-71	Sanada/2014/Nov	2014	Nov	Miscanthus	Miscanthus sacchariflorus	17	CWR
Iwate	AREIPGR	2015	31	73-81	Honda/2014/Oct Honda/2014/Nov Honda/2014/Dec	2014	Oct Nov Dec	Turnip	Brassica rapa	12	cultivated
Iwate	AREIPGR	2015	31	73-81	Honda/2014/Oct Honda/2014/Nov Honda/2014/Dec	2014	Oct Nov Dec	Rape seed	Brassica napus	1	cultivated
Iwate	AREIPGR	2015	31	73-81	Honda/2014/Oct Honda/2014/Nov Honda/2014/Dec	2014	Oct Nov Dec	Radish	Raphanus sativus	1	cultivated
Chiba	AREIPGR	2015	31	83-89	Fujimori/2014/Nov	2014	Nov	Miscanthus	Miscanthus sacchariflorus	24	CWR
Tottori	AREIPGR	2015	31	91-97	Saruta/2014/Oct	2014	Oct	Wild soybean	Glycine soja	14	CWR
Tottori	AREIPGR	2015	31	91-97	Saruta/2014/Oct	2014	Oct	Wild azuki bean	Vigna angularis var. nipponensis	10	CWR
Okinawa	AREIPGR	2015	31	99-119	Muto/2014/Jul	2014	Jul	Wild Vigna	Vigna luteola	2	CWR
Okinawa	AREIPGR	2015	31	99-119	Muto/2014/Jul	2014	Jul	Wild Vigna	Vigna marina	19	CWR
Okinawa	AREIPGR	2015	31	99-119	Muto/2014/Jul	2014	Jul	Wild Vigna	Vigna riukiensis	6	CWR