



Food and Agriculture
Organization of the
United Nations



The International Treaty
ON PLANT GENETIC RESOURCES
FOR FOOD AND AGRICULTURE

**Views, Experiences and Best Practices as an example of possible options for
the national implementation of Article 9 of the International Treaty**

Note by the Secretary

At its [second meeting](#) of the Ad hoc Technical Expert Group on Farmers' Rights (AHTEG), the Expert Group agreed on a revised version of the [template](#) for collecting information on examples of national measures, best practices and lessons learned from the realization of Farmers' Rights

This document presents the updated information on best practices and measures of implementing Article 9 of the International Treaty submitted by Jordan on 24 July 2019.

The submission is presented in the form and language in which it was received.



Template for submission of

Measures, Best Practices and Lessons Learned from the Realization of Farmers' Rights as set out in Article 9 of the International Treaty

Basic information

- Title of measure/practice : [making available wheat varieties and farmer's learning via field schools](#)
- Date of submission 2011 to 2014 then extended to 2015
- Name(s) of country/countries in which the measure/practice is taking place [Jordan](#)
- Responsible institution/organization (name, address, website (if applicable), e-mail address, telephone number(s) and contact person)
[The National Agricultural Research Center,](#)
[PO BOX 639, Baqaa' 19381](#)
[Jordan](#)
www.narc.gov.jo
director@narc.gov.jo
Tel: 00962 6 4725071
Fax: 00962 6 4726099
- Type of institution/organization (categories) Governmental institution, categories, research institution: 7 and 9
- Collaborating/supporting institutions/organizations/actors, if applicable (name, address, website (if applicable), e-mail address, telephone number(s)) ICARDA

Description of the examples

Mandatory information:¹

- Short summary to be put in the inventory (max. 200 words) including:
 - Implementing entity and partners
 - Start year
 - Objective(s)
 - Summary of core components
 - Key outcomes
 - Lessons learned (if applicable)

The Main achievements

The impacts of the project on enhancing wheat production and contributing on food security were clearly demonstrated in the following achievements:

Transfer of the full package of integrated practices into farmers field proved as effective method for increasing the wheat yield and farmers' income

Extending the conservations agriculture system to farmer's fields proved as proper measure for wheat production sustainability and increasing farmers profitability.

¹ This mandatory information is required in order for the measure/practice to be included in the Inventory.



The large scale distribution of high yielding varieties to farmers , proving as a wise way of farmer-based seed production, increased seed availability and improved farmer status.

The Project Applied Research provided the national wheat improvement program with new promising varieties in one hand and finalized knowledge on good and profitable wheat production practices on other hand.

Field schools established by the project increased farmers learning and proved as efficient technology transfer method of wheat technology.

Increasing the awareness of the farming community.

- Brief history (including starting year), as appropriate
- Core components of the measure/practice (max 200 words)
- Description of the context and the history of the measure/practice is taking place (political, legal and economic framework conditions for the measure/practice) (max 200 words)
- To which provision(s) of Article 9 of the International Treaty does this measure relate
 - Art. 9.1
 - Art. 9.2a
 - Art. 9.2b
 - Art. 9.2c
 - Art. 9.3

Other information, if applicable

- Please indicate which category of the Inventory is most relevant for the proposed measure, and which other categories are also relevant (if any):

No.	Category	Most relevant ²	Also relevant ³
1	Recognition of local and indigenous communities', farmers' contributions to conservation and sustainable use of PGRFA, such as awards and recognition of custodian/guardian farmers		
2	Financial contributions to support farmers conservation and sustainable use of PGRFA such as contributions to benefit-sharing funds		
3	Approaches to encourage income-generating activities to support farmers' conservation and sustainable use of PGRFA		

²Please select only one category that is most relevant, under which the measure will be listed.

³Please select one or several categories that may also be relevant (if applicable).



4	Catalogues, registries and other forms of documentation of PGRFA and protection of traditional knowledge		
5	In-situ/on-farm conservation and management of PGRFA, such as social and cultural measures, community biodiversity management and conservation sites		
6	Facilitation of farmers' access to a diversity of PGRFA through community seed banks ⁴ , seed networks and other measures improving farmers' choices of a wider diversity of PGRFA.	X	
7	Participatory approaches to research on PGRFA, including characterization and evaluation, participatory plant breeding and variety selection		
8	Farmers' participation in decision-making at local, national and sub-regional, regional and international levels		
9	Training, capacity development and public awareness creation	X	
10	Legal measures for the implementation of Farmers' Rights, such as legislative measures related to PGRFA.		
11	Other measures / practices		

- In case you selected 'other measures', would you like to suggest a description of this measure, e.g. as a possible new category? _____
- Objective(s)
- Target group(s) and numbers of involved and affected farmers⁵
- Location(s) and geographical outreach

- Resources used for implementation of the measure/practice
- How has the measure/practice affected the conservation and sustainable use of plant genetic resources for food and agriculture?

*I. Please describe the achievements of the measure/ practice so far (including quantification) (max 200 words) action the project gave the chance to farmers to touch on the ground the efficiency of these varieties. A total of **679.3** ton was produced and as due to proved adaptability and good quality of the seed, large portion(**55%**) of that produce of worth of **261530dollar** was allocated by farmers for planting, and thus an efficient measure for increasing seed variability in the farming community based on farmer seed production was initiated.*

⁴ Including seed houses.

⁵ Any classification, e.g. of the types of farmer addressed, may be country-specific.



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II. By the two field schools, Several farmers were trained on the proper cultivation methods and field management. As a result of on hand learning, the farmers become appreciating very well the transferred technology and showed higher adoption levels.

- Other national level instruments that are linked to the measure/practice
- Are you aware of any other international agreements or programs that are relevant for this measure/practice?
- Other issues you wish to address, that have not yet been covered, to describe the measure/practice

Lessons learned

- Describe lessons learned which may be relevant for others who wish to do the same or similar measures/practices (max 250 words).
 - *the wheat yield under conservation agriculture was always higher than that under conventional agriculture due to soil moisture conservation. Participating farmers income increased also by reducing tillage cost. An average profit increase of 267 dollar/ha across the three seasons was achieved by using zero tillage over conventional tillage*
 - *The field days and workshops organized has brought together research, extension, farmers, farmers association, agricultural organization, academics, stakeholders, and media showing them the potential of the recommended practices in enhancing food security and increasing profitability . The increased awareness reflected in turn on increasing adoption.*
- What challenges encountered along the way (if applicable) (max 200 words) lack of fund and regular source of seeds
- What would you consider conditions for success, if others should seek to carry out such a measure or organize such an activity? (max 100 words)

Further information

- Link(s) to further information about the measure/practice
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