
STANDARD MATERIAL TRANSFER AGREEMENT

IRRI SMTA ID:	SMTA2007-0234
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PREAMBLE

WHEREAS

The International Treaty on Plant Genetic Resources for Food and Agriculture (hereinafter referred to as “the **Treaty**”) was adopted by the Thirty-first session of the FAO Conference on 3 November 2001 and entered into force on 29 June 2004;

The objectives of the **Treaty** are the conservation and sustainable use of **Plant Genetic Resources for Food and Agriculture** and the fair and equitable sharing of the benefits arising out of their use, in harmony with the Convention on Biological Diversity, for sustainable agriculture and food security;

The Contracting Parties to the **Treaty**, in the exercise of their sovereign rights over their **Plant Genetic Resources for Food and Agriculture**, have established a **Multilateral System** both to facilitate access to **Plant Genetic Resources for Food and Agriculture** and to share, in a fair and equitable way, the benefits arising from the utilization of these resources, on a complementary and mutually reinforcing basis;

Articles 4, 11, 12.4 and 12.5 of the **Treaty** are borne in mind;

The diversity of the legal systems of the Contracting Parties with respect to their national procedural rules governing access to courts and to arbitration, and the obligations arising from international and regional conventions applicable to these procedural rules, are recognized;

Article 12.4 of the **Treaty** provides that facilitated access under the **Multilateral System** shall be provided pursuant to a Standard Material Transfer Agreement, and the **Governing Body** of the **Treaty**, in its Resolution 1/2006 of 16 June 2006, adopted the Standard Material Transfer Agreement.

ARTICLE 1 — PARTIES TO THE AGREEMENT

1.1 The present Material Transfer Agreement (hereinafter referred to as “**this Agreement**”) is the Standard Material Transfer Agreement referred to in Article 12.4 of the **Treaty**.

1.2 **This Agreement** is:

BETWEEN: the International Rice Research Institute, Los Baños, Laguna, Philippines (hereinafter referred to as “the **Provider**”),

AND: Dr. Tilathoo Ram/Directorate of Rice Research (DRR), Rajendranagar, Hyderabad 500030, INDIA, INDIA (hereinafter referred to as “the **Recipient**”).

1.3 The parties to **this Agreement** hereby agree as follows:

ARTICLE 2 — DEFINITIONS

In **this Agreement** the expressions set out below shall have the following meaning:

“**Available without restriction**”: a **Product** is considered to be available without restriction to others for further research and breeding when it is available for research and breeding without any legal or contractual obligations, or technological restrictions, that would preclude using it in the manner specified in the **Treaty**.

“**Genetic material**” means any material of plant origin, including reproductive and vegetative propagating material, containing functional units of heredity.

“**Governing Body**” means the **Governing Body** of the **Treaty**.

“**Multilateral System**” means the **Multilateral System** established under Article 10.2 of the **Treaty**.

“**Plant Genetic Resources for Food and Agriculture**” means any **genetic material** of plant origin of actual or potential value for food and agriculture.

“**Plant Genetic Resources for Food and Agriculture under Development**” means material derived from the **Material**, and hence distinct from it, that is not yet ready for **commercialization** and which the developer intends to further develop or to transfer to another person or entity for further development. The period of development for the **Plant Genetic Resources for Food and Agriculture under Development** shall be deemed to have ceased when those resources are **commercialized** as a **Product**.

“**Product**” means **Plant Genetic Resources for Food and Agriculture** that incorporate the **Material** or any of its genetic parts or components that are ready for **commercialization**, excluding commodities and other products used for food, feed and processing.

“**Sales**” means the gross income resulting from the **commercialization** of a **Product** or **Products**, by the **Recipient**, its affiliates, contractors, licensees and lessees.

“*To commercialize*” means to sell a **Product** or **Products** for monetary consideration on the open market, and “*commercialization*” has a corresponding meaning. **Commercialization** shall not include any form of transfer of **Plant Genetic Resources for Food and Agriculture under Development**.

ARTICLE 3 — SUBJECT MATTER OF THE MATERIAL TRANSFER AGREEMENT

The **Plant Genetic Resources for Food and Agriculture** specified in *Annex 1* to **this Agreement** (hereinafter referred to as the “**Material**”) and the available related information referred to in Article 5b and in *Annex 1* are hereby transferred from the **Provider** to the **Recipient** subject to the terms and conditions set out in **this Agreement**.

ARTICLE 4 — GENERAL PROVISIONS

4.1 **This Agreement** is entered into within the framework of the **Multilateral System** and shall be implemented and interpreted in accordance with the objectives and provisions of the **Treaty**.

4.2 The parties recognize that they are subject to the applicable legal measures and procedures, that have been adopted by the Contracting Parties to the **Treaty**, in conformity with the **Treaty**, in particular those taken in conformity with Articles 4, 12.2 and 12.5 of the **Treaty**.¹

4.3 The parties to **this Agreement** agree that the Food and Agriculture Organization of the United Nations, acting on behalf of the **Governing Body** of the **Treaty** and its **Multilateral System**, is the third party beneficiary under **this Agreement**.

4.4 The third party beneficiary has the right to request the appropriate information as required in Articles 5e, 6.5c, 8.3 and *Annex, 2 paragraph 3*, to **this Agreement**.

4.5 The rights granted to the Food and Agriculture Organization of the United Nations above do not prevent the **Provider** and the **Recipient** from exercising their rights under **this Agreement**.

ARTICLE 5 — RIGHTS AND OBLIGATIONS OF THE PROVIDER

The **Provider** undertakes that the **Material** is transferred in accordance with the following provisions of the **Treaty**:

- a) Access shall be accorded expeditiously, without the need to track individual accessions and free of charge, or, when a fee is charged, it shall not exceed the minimal cost involved;
- b) All available passport data and, subject to applicable law, any other associated available non-confidential descriptive information, shall be made available with the **Plant Genetic Resources for Food and Agriculture** provided;
- c) Access to **Plant Genetic Resources for Food and Agriculture under Development**, including material being developed by farmers, shall be at the discretion of its developer, during the period of its development;
- d) Access to **Plant Genetic Resources for Food and Agriculture** protected by intellectual and other property rights shall be consistent with relevant international agreements, and with relevant national laws;
- e) The **Provider** shall periodically inform the **Governing Body** about the Material Transfer Agreements entered into, according to a schedule to be established by the **Governing Body**. This information shall be made available by the **Governing Body** to the third party beneficiary.²

ARTICLE 6 — RIGHTS AND OBLIGATIONS OF THE RECIPIENT

6.1 The **Recipient** undertakes that the **Material** shall be used or conserved only for the purposes of research, breeding and training for food and agriculture. Such purposes shall not include chemical, pharmaceutical and/or other non-food/feed industrial uses.

6.2 The **Recipient** shall not claim any intellectual property or other rights that limit the facilitated access to the **Material** provided under **this Agreement**, or its genetic parts or components, in the form received from the **Multilateral System**.

6.3 In the case that the **Recipient** conserves the **Material** supplied, the **Recipient** shall make the **Material**, and the related information referred to in Article 5b, available to the **Multilateral System** using the Standard Material Transfer Agreement.

¹ In the case of the International Agricultural Research Centres of the Consultative Group on International Agricultural Research (CGIAR) and other international institutions, the Agreement between the Governing Body and the CGIAR Centres and other relevant institutions will be applicable.

² *Note by the Secretariat*: The Standard Material Transfer Agreement makes provision for information to be provided to the **Governing Body**, in the following Articles: 5e, 6.4b, 6.5c and 6.11h, as well as in *Annex 2*, paragraph 3, *Annex 3*, paragraph 4, and in *Annex 4*. Such information should be submitted to:

The Secretary
International Treaty on Plant Genetic Resources for Food and Agriculture
Food and Agriculture Organization of the United Nations
I-00100 Rome, Italy

6.4 In the case that the **Recipient** transfers the **Material** supplied under **this Agreement** to another person or entity (hereinafter referred to as “the **subsequent recipient**”), the **Recipient** shall

- a) do so under the terms and conditions of the Standard Material Transfer Agreement, through a new material transfer agreement; and
- b) notify the **Governing Body**, in accordance with Article 5e.

On compliance with the above, the **Recipient** shall have no further obligations regarding the actions of the **subsequent recipient**.

6.5 In the case that the **Recipient** transfers a **Plant Genetic Resource for Food and Agriculture under Development** to another person or entity, the **Recipient** shall:

- a) do so under the terms and conditions of the Standard Material Transfer Agreement, through a new material transfer agreement, provided that Article 5a of the Standard Material Transfer Agreement shall not apply;
- b) identify, in *Annex 1* to the new material transfer agreement, the **Material** received from the **Multilateral System**, and specify that the **Plant Genetic Resources for Food and Agriculture under Development** being transferred are derived from the **Material**;
- c) notify the **Governing Body**, in accordance with Article 5e; and
- d) have no further obligations regarding the actions of any **subsequent recipient**.

6.6 Entering into a material transfer agreement under paragraph 6.5 shall be without prejudice to the right of the parties to attach additional conditions, relating to further product development, including, as appropriate, the payment of monetary consideration.

6.7 In the case that the **Recipient commercializes a Product** that is a **Plant Genetic Resource for Food and Agriculture** and that incorporates **Material** as referred to in Article 3 of **this Agreement**, and where such **Product** is not **available without restriction** to others for further research and breeding, the **Recipient** shall pay a fixed percentage of the **Sales** of the **commercialized Product** into the mechanism established by the **Governing Body** for this purpose, in accordance with *Annex 2* to **this Agreement**.

6.8 In the case that the **Recipient commercializes a Product** that is a **Plant Genetic Resource for Food and Agriculture** and that incorporates **Material** as referred to in Article 3 of **this Agreement** and where that **Product** is **available without restriction** to others for further research and breeding, the **Recipient** is encouraged to make voluntary payments into the mechanism established by the **Governing Body** for this purpose in accordance with *Annex 2* to **this Agreement**.

6.9 The **Recipient** shall make available to the **Multilateral System**, through the information system provided for in Article 17 of the **Treaty**, all non-confidential information that results from research and development carried out on the **Material**, and is encouraged to share through the **Multilateral System** non-monetary benefits expressly identified in Article 13.2 of the **Treaty** that result from such research and development. After the expiry or abandonment of the protection period of an intellectual property right on a **Product** that incorporates the **Material**, the **Recipient** is encouraged to place a sample of this **Product** into a collection that is part of the **Multilateral System**, for research and breeding.

6.10 A Recipient who obtains intellectual property rights on any Products developed from the Material or its components, obtained from the Multilateral System, and assigns such intellectual property rights to a third party, shall transfer the benefit-sharing obligations of this Agreement to that third party.

6.11 The **Recipient** may opt as per *Annex 4*, as an alternative to payments under Article 6.7, for the following system of payments:

- a) The **Recipient** shall make payments at a discounted rate during the period of validity of the option;
- b) The period of validity of the option shall be ten years renewable in accordance with *Annex 3* to **this Agreement**;
- c) The payments shall be based on the **Sales** of any **Products** and of the sales of any other products that are **Plant Genetic Resources for Food and Agriculture** belonging to the same crop, as set out in *Annex 1* to the **Treaty**, to which the **Material** referred to in *Annex 1* to **this Agreement** belongs;
- d) The payments to be made are independent of whether or not the **Product** is **available without restriction**;
- e) The rates of payment and other terms and conditions applicable to this option, including the discounted rates are set out in *Annex 3* to **this Agreement**;
- f) The **Recipient** shall be relieved of any obligation to make payments under Article 6.7 of **this Agreement** or any previous or subsequent Standard Material Transfer Agreements entered into in respect of the same crop;
- g) After the end of the period of validity of this option the **Recipient** shall make payments on any **Products** that incorporate **Material** received during the period in which this Article was in force, and where such **Products** are not **available without restriction**. These payments will be calculated at the same rate as in paragraph (a) above;
- h) The **Recipient** shall notify the **Governing Body** that he has opted for this modality of payment. If no notification is provided the alternative modality of payment specified in Article 6.7 will apply.

ARTICLE 7 — APPLICABLE LAW

The applicable law shall be General Principles of Law, including the UNIDROIT Principles of International Commercial Contracts 2004, the objectives and the relevant provisions of the **Treaty**, and, when necessary for interpretation, the decisions of the **Governing Body**.

ARTICLE 8 — DISPUTE SETTLEMENT

8.1 Dispute settlement may be initiated by the **Provider** or the **Recipient** or the Food and Agriculture Organization of the United Nations, acting on behalf of the **Governing Body** of the **Treaty** and its **Multilateral System**.

8.2 The parties to **this Agreement** agree that the Food and Agriculture Organization of the United Nations, representing the **Governing Body** and the **Multilateral System**, has the right, as a third party beneficiary, to initiate dispute settlement procedures regarding rights and obligations of the **Provider** and the **Recipient** under **this Agreement**.

8.3 The third party beneficiary has the right to request that the appropriate information, including samples as necessary, be made available by the **Provider** and the **Recipient**, regarding their obligations in the context of **this Agreement**. Any information or samples so requested shall be provided by the **Provider** and the **Recipient**, as the case may be.

8.4 Any dispute arising from **this Agreement** shall be resolved in the following manner:

- a) Amicable dispute settlement: The parties shall attempt in good faith to resolve the dispute by negotiation.
- b) Mediation: If the dispute is not resolved by negotiation, the parties may choose mediation through a neutral third party mediator, to be mutually agreed.
- c) Arbitration: If the dispute has not been settled by negotiation or mediation, any party may submit the dispute for arbitration under the Arbitration Rules of an international body as agreed by the parties to the dispute. Failing such agreement, the dispute shall be finally settled under the Rules of Arbitration of the International Chamber of Commerce, by one or more arbitrators appointed in accordance with the said Rules. Either party to the dispute may, if it so chooses, appoint its arbitrator from such list of experts as the Governing Body may establish for this purpose; both parties, or the arbitrators appointed by them, may agree to appoint a sole arbitrator, or presiding arbitrator as the case may be, from such list of experts. The result of such arbitration shall be binding.

ARTICLE 9 — ADDITIONAL ITEMS

Warranty

9.1 The **Provider** makes no warranties as to the safety of or title to the **Material**, nor as to the accuracy or correctness of any passport or other data provided with the **Material**. Neither does it make any warranties as to the quality, viability, or purity (genetic or mechanical) of the **Material** being furnished. The phytosanitary condition of the **Material** is warranted only as described in any attached phytosanitary certificate. The **Recipient** assumes full responsibility for complying with the recipient nation's quarantine and biosafety regulations and rules as to import or release of **genetic material**.

Duration of Agreement

9.2 **This Agreement** shall remain in force so long as the **Treaty** remains in force.

ARTICLE 10 — SIGNATURE/ACCEPTANCE

The **Material** is provided conditional on acceptance of the terms of **this Agreement**. The provision of the **Material** by the **Provider** and the **Recipient's** acceptance and use of the **Material** constitutes acceptance of the terms of **this Agreement**.

*Annex I***LIST OF MATERIALS PROVIDED**

This *Annex* contains a list of the **Material** provided under **this Agreement**, including the associated information referred to in Article 5b.

This information is either provided below or can be obtained at the following website: <http://www.iris.irri.org/smta/listEntriesData.do?studyId=-247&method=listEntriesData&smtaId=SMTA0234>

The following information is included for each **Material** listed: all available passport data and, subject to applicable law, any other associated, available, non-confidential descriptive information.

Each **Material** listed in this annex is identified by an ID that uniquely identifies the sample, followed in parentheses by a variety name or other designation associated with the **Material**.

The **Materials** listed below are PGRFA other than **PGRFA under Development**.

IRTP 22696 (IR 71700-247-1-1-2)	IRIS 12-772 (IR 68552-55-3-2)
IRTP 22697 (IR 71701-28-1-4)	IRIS 16-39459 (IR 68552-57-3-2-1)
IRTP 23673 (IR 72161-311-5-4-2-2)	IRTP 22685 (IR 68552-100-1-2-2)
IRTP 22704 (IR 72164-348-6-2-2-2)	IRIS 16-39481 (IR 69070-95-2-2)
IRTP 23031 (IR 72176-307-4-2-2-3)	IRTP 22693 (IR 69132-17-2-2-2)
IRTP 23681 (IR 73712-68-3-1-2)	IRIS 16-39569 (IR 69157-27-2-3-3-3)
IRTP 23038 (IR 73906-3-1-4-3)	IRIS 16-39574 (IR 69160-94-2-2-2-1)
IRTP 23049 (IR 73971-87-1-1-1-1)	IRIS 16-39592 (IR 69796-176-2-2-1)
IRTP 23059 (IR 75382-32-2-3-3)	IRIS 16-39595 (IR 69800-5-3-1-2)
IRTP 23608 (IR 76494-28-1-2-2)	IRIS 12-807 (IR 69807-13-2-1)
IRIS 30-2551 (IR 65598-112-2)	IRIS 16-39618 (IR 69860-10-1-2-2)
IRIS 10-95601 (IR 65600-27-1-2-2)	IRTP 22694 (IR 70491-33-2-2)
IRIS 12-761 (IR 66158-38-3-2-1)	IRIS 18-106529 (IR 70525-30-3-2)
IRIS 10-93532 (IR 66159-131-4-3-2)	IRIS 9-205002 (IR 70799-1-3-3)
IRTP 22687 (IR 66160-121-4-1-1)	IRIS 9-462673 (IR 71684-36-3-3-2)
IRTP 22688 (IR 66738-118-1-2)	IRIS 9-734259 (IR 72241-9-3-3-2-3)
IRIS 16-39411 (IR 66743-41-2-2)	IRIS 9-734251 (IR 72244-30-1-2-2-2)
IRIS 10-90326 (IR 66750-6-2-1)	IRTP 22709 (IR 73707-45-3-2-3)
IRIS 10-91733 (IR 67937-15-1)	IRTP 20470 (IR 57491-42-2-2-3-3)
IRIS 10-93570 (IR 67961-15-1-1)	IRTP 23991 (IR 71033-121-15)
IRTP 22689 (IR 67962-40-6-3-3)	IRTP 18504 (IR 59547-247-2-1)
IRTP 22690 (IR 67966-188-2-2-1)	IRTP 22148 (IR 71604-4-1-4-10-8-3-3-1)
IRIS 12-75 (IR 68011-15-1-1)	IRTP 22124 (IR 73885-1-4-1-4-3-6)
IRIS 16-74467 (IR 68537-23-1-5-1)	
IRTP 22692 (IR 68544-29-2-1-3-1-2)	

The **Materials** listed below are **PGFRA under Development**, provided at the discretion of the developer in accordance with article 5c. Each is derived from one or more of the "Ancestral MLS germplasm" listed underneath.

IRTP 24182 (IR 71677-161-2-3)	IRTP 24369 (IR 78629-57-3-3-2)
IRTP 24184 (IR 77186-34-2-3-3)	IRIS 66-400187 (IR 79078-52-2-1-4-6)
IRTP 24183 (IR 77186-122-2-2-3)	IRIS 66-400189 (IR 79088-36-1-1-3-2)
IRTP 24313 (IR 77186-148-3-4-3)	IRIS 66-400208 (IR 79089-149-2-3-3-3)
IRIS 18-334652 (IR 77713-30-1-1-3-3)	IRIS 18-386336 (IR 79200-65-2-2-1)
IRTP 24373 (IR 78206-129-1-2-2-5)	IRIS 18-386340 (IR 79200-71-2-3-2)

IRIS 18-386345 (IR 79201-49-1-1-1)
IRIS 18-386349 (IR 79201-101-1-2-2)
IRIS 18-386389 (IR 79203-105-1-1-3)
IRIS 18-386391 (IR 79203-132-1-2-2)
IRIS 18-386401 (IR 79204-84-2-2-3)
IRIS 18-386555 (IR 79216-8-2-3-1)
IRIS 18-386566 (IR 79216-141-1-3-3)
IRIS 18-386592 (IR 79218-43-2-1-2)
IRIS 18-386594 (IR 79218-63-2-3-1)
IRIS 18-386601 (IR 79218-69-2-2-2)
IRIS 18-386611 (IR 79218-93-1-4-3)
IRIS 18-386622 (IR 79225-23-2-3-2)
IRIS 18-386638 (IR 79226-98-1-1-3)
IRIS 18-386642 (IR 79228-9-2-3-1)
IRIS 18-386650 (IR 79228-67-1-1-3)
IRIS 18-386688 (IR 79233-1-2-1-2)
IRIS 18-386697 (IR 79233-28-2-1-2)
IRIS 18-386757 (IR 79242-5-1-1-5)
IRIS 18-386761 (IR 79242-28-3-2-3)
IRIS 18-386782 (IR 79246-47-1-3-3)
IRIS 18-386786 (IR 79246-105-2-2-4)
IRIS 18-386791 (IR 79246-129-3-3-3)
IRIS 18-386795 (IR 79247-107-1-2-1)
IRIS 18-386798 (IR 79247-125-3-1-1)
IRIS 18-386838 (IR 79253-19-3-3-5)
IRIS 18-386845 (IR 79253-55-1-4-6)
IRIS 18-386860 (IR 79253-98-3-2-3)
IRIS 18-386876 (IR 79254-48-2-1-1)
IRIS 18-386883 (IR 79254-65-1-3-2)
IRIS 18-386888 (IR 79254-86-2-3-1)
IRIS 66-400464 (IR 79347-96-2-2-1)
IRIS 18-387132 (IR 79360-31-2-2-2)
IRIS 18-387135 (IR 79360-85-3-2-2)
IRIS 66-400548 (IR 79365-16-2-2-1)
IRIS 66-413135 (IR 79495-9-3-2-2)
IRIS 66-412451 (IR 79505-51-2-2-2)
IRIS 66-412467 (IR 79511-47-2-6-3)
IRIS 66-430214 (IR 79515-25-1-6-1)
IRIS 66-430014 (IR 79525-20-2-2-2)
IRIS 66-430244 (IR 79532-21-2-2-1)
IRIS 66-430298 (IR 79538-1-1-1-1)
IRIS 66-412675 (IR 79584-38-2-1-4)
IRIS 66-413247 (IR 79585-61-2-3-3)
IRIS 66-412828 (IR 79597-56-1-2-1)
IRIS 66-413268 (IR 79599-38-2-3-3)
IRIS 66-412842 (IR 79615-9-3-1-3)
IRIS 66-413420 (IR 80285-34-3-3-2)
IRIS 66-413431 (IR 80286-22-3-6-1)
IRIS 66-413445 (IR 80375-13-3-3)
IRIS 10-87745 (IR 65564-44-2-3)
IRIS 10-91524 (IR 65600-54-6-3)
IRIS 16-39392 (IR 65600-87-2-2-3)
IRIS 10-92587 (IR 65600-127-6-2-3)
IRIS 9-967448 (IR 66768-42-3-1)
IRIS 10-93670 (IR 67954-46-1-3)
IRIS 16-39421 (IR 67963-63-1-3)
IRIS 16-106624 (IR 67964-46-1-3-2)
IRIS 16-39435 (IR 68019-60-3-3-2)
IRIS 16-39438 (IR 68514-41-2-3)
IRIS 16-39486 (IR 69082-49-2-3-2)
IRIS 16-39488 (IR 69092-57-3)
IRIS 16-749 (IR 69098-14-3-3-2)
IRIS 16-39501 (IR 69100-65-3-3-2)
IRIS 16-39513 (IR 69116-47-1-1-3)
IRIS 16-39523 (IR 69125-25-3-1-1)
IRIS 16-106628 (IR 69125-35-3-1-1)
IRIS 16-39544 (IR 69136-35-3-3-2)
IRIS 16-39548 (IR 69137-34-1-3-1)
IRIS 16-39552 (IR 69138-13-2-2-3)
IRIS 16-39556 (IR 69139-29-3-3-3)
IRIS 12-969 (IR 69149-23-1-2-3)
IRIS 18-106523 (IR 69428-6-1-1-3-3)
IRIS 16-39584 (IR 69432-54-1-1-2-2)
IRIS 16-951 (IR 69808-78-2-2-3)
IRIS 16-39614 (IR 69853-70-3-1-1)
IRIS 18-106528 (IR 69923-3-1-3-2-3)
IRIS 16-39641 (IR 70114-5-3-3-3)
IRIS 16-39645 (IR 70475-17-2-2)
IRIS 16-39649 (IR 70479-45-2-3)
IRIS 16-39655 (IR 70484-31-1-2)
IRIS 16-39658 (IR 70485-15-3-2)
IRIS 16-39665 (IR 70517-20-1-2)
IRIS 9-210671 (IR 70519-24-1-1-3)
IRIS 16-39671 (IR 70521-42-2-3)
IRIS 16-39684 (IR 70533-10-1-3)
IRIS 9-210679 (IR 70542-18-3-2-2)
IRIS 9-210692 (IR 70554-10-3-1-3)
IRIS 9-210704 (IR 70554-36-1-2-3)
IRIS 16-39702 (IR 70556-44-1-3-1)
IRIS 16-39703 (IR 70559-AC 5)
IRIS 9-210889 (IR 71166-32-1-2)
IRIS 18-106534 (IR 71167-27-1-2)

IRIS 9-210949 (IR 71169-66-3-2)
IRIS 9-210988 (IR 71171-31-2-2)
IRIS 9-211127 (IR 71188-25-1-3)
IRIS 9-211179 (IR 71189-44-3-1)
IRIS 9-211227 (IR 71190-45-2-1)
IRIS 9-211318 (IR 71202-3-2-2)
IRIS 9-211345 (IR 71204-27-1-2)
IRIS 9-211401 (IR 71205-25-2-1)
IRIS 9-211495 (IR 71210-15-2-2)
IRIS 9-211576 (IR 71214-25-1-2)
IRIS 9-211567 (IR 71214-7-1-2)
IRIS 9-211594 (IR 71215-10-3-2)
IRIS 9-211601 (IR 71216-1-1-3)
IRIS 9-211646 (IR 71218-3-2-3)
IRIS 9-211651 (IR 71218-7-1-2)
IRIS 9-211798 (IR 71445-25-2-2)
IRIS 9-211817 (IR 71449-26-1-3)
IRIS 9-211863 (IR 71451-2-1-1)
IRIS 9-211933 (IR 71456-7-1-2)
IRIS 9-212080 (IR 71672-23-2)
IRIS 9-462866 (IR 71673-55-1-3-1)
IRIS 9-462685 (IR 71682-39-2-1-2)
IRIS 9-462668 (IR 71687-11-2-2-1)
IRIS 9-462640 (IR 71688-21-3-3-2)
IRIS 9-462611 (IR 71692-45-2-2-1)
IRIS 9-462487 (IR 71697-2-3-2-2)
IRIS 9-640185 (IR 72192-36-3-1-2)
IRIS 9-640180 (IR 72193-5-2-2-1)
IRIS 9-640162 (IR 72194-42-3-1-1)
IRIS 9-595614 (IR 72203-8-2-3-2)
IRIS 9-640150 (IR 72224-1-3-2-1)
IRIS 9-640139 (IR 72225-20-3-2-3)
IRIS 9-640138 (IR 72225-29-1-2-1)
IRIS 9-640133 (IR 72227-16-3-2-3)
IRIS 9-640125 (IR 72243-10-1-2-2)
IRIS 9-734256 (IR 72243-23-1-1-2-3)
IRIS 9-734255 (IR 72243-30-1-2-2-1)
IRIS 9-640113 (IR 72247-8-2-1-2)
IRIS 9-734248 (IR 72247-13-2-2-1-2)
IRIS 9-640106 (IR 72247-16-3-2-3)
IRIS 9-734245 (IR 72247-29-3-1-2-2)
IRIS 9-734238 (IR 72251-66-3-1-2-3)
IRIS 9-640087 (IR 72254-5-2-3-1)
IRIS 9-640083 (IR 72254-6-1-2-2)
IRIS 9-734233 (IR 72256-28-1-2-3-2)
IRIS 9-734230 (IR 72262-22-2-1-2-2)
IRIS 9-640071 (IR 72262-42-3-2-2)
IRIS 9-640068 (IR 72262-47-3-2-2)
IRIS 9-640064 (IR 72263-13-3-1-3)
IRIS 9-640062 (IR 72263-19-2-1-2)
IRIS 9-640059 (IR 72264-5-3-2-2)
IRIS 9-640057 (IR 72264-28-1-1-1)
IRIS 9-640052 (IR 72265-28-2-3-3)
IRIS 9-640047 (IR 72265-46-1-3-2)
IRIS 9-640035 (IR 72271-11-3-2-2)
IRIS 9-734223 (IR 72318-10-1-2-6-3)
IRIS 9-734222 (IR 72319-17-1-3-2-1)
IRIS 9-734218 (IR 72320-33-2-2-2-2)
IRIS 9-734227 (IR 72511-48-1-2-2-2)
IRIS 9-717147 (IR 72975-AC 2)
IRIS 9-717146 (IR 72975-AC 4)
IRIS 9-717145 (IR 72975-AC 5)
IRIS 9-717144 (IR 72976-AC 1)
IRIS 9-734115 (IR 73443-7-2-2-3)
IRIS 9-734114 (IR 73444-77-2-2-1)
IRIS 9-734110 (IR 73448-16-1-2-2)
IRIS 9-734103 (IR 73448-75-1-3-3)
IRIS 9-734101 (IR 73448-108-1-1-2)
IRIS 9-734095 (IR 73448-128-1-3-2)
IRIS 9-734093 (IR 73448-137-1-2-1)
IRIS 9-734089 (IR 73448-146-3-1-2)
IRIS 9-734086 (IR 73449-8-3-1-2)
IRIS 9-734083 (IR 73449-24-3-2-2)
IRIS 9-733857 (IR 73466-15-1-1-3)
IRIS 9-733856 (IR 73466-16-2-3-1)
IRIS 9-733852 (IR 73467-3-2-2-2)
IRIS 9-733849 (IR 73467-8-3-1-2)
IRIS 18-178309 (IR 73491-2-3-2-3-1)
IRIS 9-733714 (IR 73707-26-7-3-2)
IRIS 9-733705 (IR 73707-56-5-1-2)
IRIS 66-212907 (IR 76135-2-2-1-2)
IRIS 66-212910 (IR 76135-6-1-3-2)
IRIS 66-212913 (IR 76135-12-1-1-2)
IRIS 66-212919 (IR 76135-24-1-3-2)
IRIS 66-212928 (IR 76135-33-2-1-2)
IRIS 66-212935 (IR 76135-39-1-1-3)
IRIS 18-244012 (IR 76135-40-1-3-3-3)
IRIS 66-212940 (IR 76135-47-2-2-2)
IRIS 18-308815 (IR 76136-1-1-3-3-3-3)
IRIS 66-212964 (IR 76137-10-1-1-2)
IRIS 66-212967 (IR 76137-21-2-1-2)
IRIS 18-244020 (IR 76137-30-3-2-3-2)

IRIS 18-244023 (IR 76137-48-3-3-2)	IRIS 18-106561 (IR 76909-15-1)
IRIS 66-212977 (IR 76138-7-1-2-3)	IRIS 9-923907 (IR 76910-20-6)
IRIS 66-212980 (IR 76138-8-1-2-3)	IRIS 18-106567 (IR 76911-21-10)
IRIS 66-212982 (IR 76138-9-2-3-2)	IRIS 18-106570 (IR 76912-26-5)
IRIS 66-212985 (IR 76138-14-2-3-2)	IRIS 18-106573 (IR 76913-27-5)
IRIS 18-244026 (IR 76138-21-3-2-2-2)	IRIS 18-334588 (IR 77591-18-3-1-3-2)
IRIS 66-212991 (IR 76138-28-2-1-2)	IRIS 18-334596 (IR 77609-15-1-5-2-1)
IRIS 66-213003 (IR 76138-50-1-2-2)	IRIS 18-335202 (IR 78013-15-3-1-1)
IRIS 66-213006 (IR 76139-5-3-1-2)	IRIS 18-311584 (IR 78073-24-2-3)
IRIS 66-213010 (IR 76139-18-3-2-3)	IRIS 66-445320 (IR 79502-22-2-3-1-3)
IRIS 66-213011 (IR 76139-19-1-3-1)	IRIS 66-413150 (IR 79504-5-3-3-2)
IRIS 66-213015 (IR 76139-24-2-2-2)	IRIS 66-413165 (IR 79504-22-2-3-2)
IRIS 66-213017 (IR 76139-34-2-1-1)	IRIS 66-413177 (IR 79504-48-1-6-2)
IRIS 66-213021 (IR 76139-49-2-2-2)	IRIS 66-413181 (IR 79504-53-3-2-3)
IRIS 66-213024 (IR 76140-2-3-3-2)	IRIS 66-413197 (IR 79504-100-2-1-1)
IRIS 66-213028 (IR 76140-3-3-3-3)	IRIS 66-445343 (IR 80376-4-1-2-2)
IRIS 66-213036 (IR 76140-9-1-2-2)	IRIS 66-445347 (IR 80376-12-2-3-3)
IRIS 66-213039 (IR 76140-17-2-1-2)	IRIS 66-445349 (IR 80376-19-3-3-2)
IRIS 9-923879 (IR 76140-AC 2)	IRIS 66-445352 (IR 80376-20-3-1-2)
IRIS 9-923878 (IR 76140-AC 3)	IRIS 66-445354 (IR 80376-36-2-2-1)
IRIS 9-923877 (IR 76140-AC 4)	IRIS 66-445357 (IR 80376-37-3-3-1)
IRIS 9-923876 (IR 76140-AC 5)	IRIS 66-445366 (IR 80376-51-2-2-1)
IRIS 9-923871 (IR 76140-AC 7)	IRIS 66-445371 (IR 80376-59-3-2-3)
IRIS 66-213048 (IR 76142-5-2-3-2)	IRIS 66-445376 (IR 80376-62-1-3-2)
IRIS 18-244030 (IR 76149-27-3-2-1-3)	IRIS 66-445381 (IR 80376-101-1-1-1)
IRIS 18-244033 (IR 76149-43-1-1-1-3)	IRIS 66-445385 (IR 80376-120-2-1-2)
IRIS 18-244035 (IR 76149-48-1-2-2-2)	IRIS 120-17094 (IR 83261-3-22-7-18-3-3-12)
IRIS 9-923860 (IR 76149-AC 2)	IRIS 120-17099 (IR 83261-3-22-48-4-1-11)
IRIS 9-967485 (IR 76149-AC 4)	IRIS 120-17104 (IR 83261-5-5-96-2-18)
IRIS 18-106549 (IR 76905-8-1)	IRIS 120-17105 (IR 83261-5-5-18-5-11)
IRIS 18-106552 (IR 76906-9-18)	IRIS 53-1345 (IR 65482-7-216-1-2)
IRIS 18-106555 (IR 76907-12-20)	

The "Ancestral MLS germplasm" listed below comprise germplasm accessed from the Multilateral System by means of an SMTA, or germplasm from former "in trust" collections, or other germplasm now treated as subject to the Multilateral System; each is an ancestor of one of more of the **PGFRA under Development** listed above.

IRIS 10-89196 (IR 65564-22-2-3)	IRGC 15762 (BPI-121-407)
IRTP 12158 (IR 64)	IRIS 10-35418 (BPI 121-407)
IRTP 13582 (NO 11)	IRTP 8123 (IR 1416-131-5)
IRTP 249 (IR 2061-465-1-5-5)	IRTP 197 (IR 22)
IRTP 12164 (IR 5657-33-2)	IRGC 11371 (IR 579-48-1-2 (NILO 11))
IRTP 4894 (IR 2055-475-2)	IRTP 4286 (IR 1103-15-8-4-2-2-3)
IRTP 4227 (IR 833-6-2-1-1)	IRTP 4772 (BPI 121)
IRGC 32590 (IR 833-6-2-1)	IRTP 4239 (IR 262-43-8-11)
IRTP 198 (IR 24)	IRGC 831 (GAM PAI 30-12-15)
IRGC 11374 (IR 773 A 1-36-2-1)	IRTP 4220 (IR 747-B2-6)

IRGC 101508 (W1543)
IRGC 6663 (MUDGO)
IRTP 195 (IR 8)
IRTP 1077 (GAM PAI 15)
IRGC 10951 (IR 400-28-4-5)
IRGC 11115 (TE-TEP)
IRGC 9804 (TADUKAN)
IRGC 14468 (SERAUP BESAR 15)
IRTP 463 (TETEP)
IRTP 459 (TADUKAN)
IRGC 237 (TKM6)
IRGC 35 (PETA)
IRGC 123 (DEE-GEO-WOO-GEN)
IRTP 743 (TAICHUNG NATIVE 1)
IRGC 6993 (B 5580 A 1-15)
IRGC 611 (SIGADIS)
IRGC 39 (BPI 76)
IRTP 4281 (DEE GEO WOO GEN)
IRTP 5551 (SIGADIS)
IRTP 13053 (BPI 76)
IRTP 5471 (LATISAIL)
IRGC 105 (TAICHUNG NATIVE 1)
IRGC 5070 (CHOU-SUNG)
IRGC 172 (NANHNG MON S 4)
IRGC 134 (CENTURY PATNA 231)
IRGC 6310 (BLUEBONNET)
IRGC 13530 (BENONG)
IRTP 6343 (GEB 24)
IRTP 4795 (REXORO)
IRGC 139 (FORTUNA)
IRTP 12979 (BLUE ROSE)
IRGC 3291 (BLUE ROSE)
IRTP 21478 (IR 64680-81-2-2-1-3)
IRTP 21744 (IRRI 134)
IRTP 22688 (IR 66738-118-1-2)
IRTP 17127 (IR 47761-27-1-3-6)
IRTP 16258 (IR 52287-15-2-3-2)
IRGC 105908 (YALAMAN)
IRTP 12140 (IR 21820-154-3-2-2-3)
IRTP 13166 (IR 32429-47-3-2-2)
IRTP 6935 (IR 4563-52-1-3-6)
IRTP 7064 (5218)
IRTP 13126 (IR 31787-41-2-2-3-3)
IRTP 13804 (IR 31868-64-2-3-3-3)
IRTP 11836 (IR 19058-143-2-3)
IRTP 7971 (IR 9129-209-2-2-2-1)
IRGC 15791 (CR94-13)
IRTP 739 (IR 1545-339-2-2)
IRTP 758 (CR 94-13)
IRTP 205 (IR 1529-680-3-2)
IRTP 4927 (IR 4432-52-6-4)
IRTP 7122 (IR 9129-209-2-2)
IRTP 365 (IR 1529-680-3)
IRTP 2919 (IR 4432-52-6)
IRTP 9548 (IR 10179-2-3-1)
IRTP 7876 (IR 8608-253-5-3-2)
IRTP 6886 (KHAO DAWK MALI 105)
IRTP 7914 (IR 9224-117-2-3-3)
IRTP 4749 (IR 1545-339)
IRTP 5959 (IR 2055-219-1-3)
IRTP 266 (IR 36)
IRGC 32638 (IR 1702-74-3)
IRTP 1136 (BABAWEE)
IRTP 893 (IR 2071-625-1)
IRTP 7636 (IR 9129)
IRTP 9685 (PTB 18)
IRGC 256 (BJ1)
IRTP 7626 (IR 8608)
IRTP 3057 (IR 28)
IRTP 233 (IR 2053-521-1-1)
IRTP 1073 (BJ 1)
IRGC 28460 (AI-NAN-TSAO 1)
IRGC 11778 (BG34-8)
IRTP 1114 (PTB 18)
IRTP 4737 (AI NAN TSAO 1)
IRTP 3440 (BG 34-8)
IRTP 8615 (IR 2153-14-1-6)
IRGC 11352 (C 4-63)
IRTP 1050 (C 4-63)
IRTP 9511 (MAS)
IRTP 196 (IR 20)
IRTP 11703 (TKM 6)
IRTP 10910 (CO 18)
IRTP 18464 (IRRI 115)
IRTP 22692 (IR 68544-29-2-1-3-1-2)
IRTP 22125 (IR 73887-1-8-2-1)
IRIS 10-86224 (IR 59682-132-1-1)
IRIS 10-68879 (IR 28239-94-2-3-6-2)
IRTP 12283 (IR 28239-94-2-3-6)
IRGC 105910 (YALAMAN)
IRTP 13167 (IR 32429-68-3-3-3)
IRTP 7847 (IR 50)

IRTP 2748 (IR 3403-267-1)
 IRGC 19325 (PTB33)
 IRTP 3302 (PTB 33)
 IRTP 754 (IR 1539-823-1-4)
 IRTP 21745 (IR 00A117)
 IRIS 12-761 (IR 66158-38-3-2-1)
 IRTP 21844 (IR 00A107)
 IRTP 18478 (IR 60937-40-3-1-3)
 IRTP 17128 (IR 48525-100-1-2)
 IRIS 10-70125 (IR 72)
 IRTP 12248 (IR 24632-34-2)
 IRTP 6630 (IR 48)
 IRTP 9664 (IR 15795-199-3-3)
 IRTP 7039 (IR 4707-106-3-2)
 IRTP 5111 (IR 4570-83-3)
 IRGC 32694 (IR 2055-481-2)
 IRTP 8816 (IR 1561-228-3-3)
 IRTP 747 (IR 1702-74-3-2)
 IRTP 6329 (IR 1721-11-6-8-3-2)
 IRTP 873 (IR 2035-117-3)
 IRTP 4228 (IR 773-A1-36-2-2-3)
 IRGC 32603 (IR 1364-37-3-1)
 IRGC 663 (HR 21)
 IRTP 1081 (HR 21)
 IRTP 21931 (IR 68450-36-3-2-2-3)
 IRTP 4568 (KETAN LUMBU)
 IRTP 16248 (IR 50376-80-1-1-2-2)
 IRTP 16282 (IR 52280-117-1-1-3)
 IRTP 13860 (IR 32307-12-2-1-2)
 IRTP 13159 (IR 31851-63-1-2-3-2)
 IRTP 13174 (IR 28222-9-2-2-2-2)
 IRTP 9620 (IR 13240-108-2-2-3)
 IRTP 6937 (IR 4570-74-2-2-3-3)
 IRTP 9665 (IR 17491-5-4-3-3)
 IRTP 603 (IR 2415-90-4-3)
 IRTP 202 (IR 30)
 IRTP 4256 (IR 00A101)
 IRTP 1153 (RATHU HEENATI)
 IRTP 7121 (R HEENATI)
 IRGC 850 (KHAO DAWK MALI 4-2-105)
 IRTP 22159 (IR 68058-71-2-1)
 IRTP 17187 (IR 44962-161-2-4-4-2)
 IRTP 18142 (IR 58185-23-3-3-1)
 IRTP 15370 (IR 34686-179-1-2-1)
 IRTP 6190 (CR 1002)
 IRTP 4203 (IR 5533-PP 854-1)
 IRGC 26769 (PANKAIJ)
 IRTP 6939 (IR 4570-124-3-2-2-2)
 IRTP 5965 (IR 5-114-3-1-2)
 IRTP 3103 (PANKAJ)
 IRTP 387 (CARREON)
 IRGC 46502 (PANKAJ (IR 5-114-3-1))
 IRTP 194 (IR 5)
 IRGC 31 (TANGKAI ROTAN)
 IRTP 21728 (IRRI 127)
 IRTP 18483 (IR 61009-37-2-1-2)
 IRTP 5173 (UTRI MERAH)
 IRTP 9579 (IR 13540-56-3-2-1)
 IRTP 21654 (IRRI 123)
 IRTP 18151 (IRRI 108)
 IRTP 21858 (IR 00A103)
 IRTP 22705 (IR 72165-63-2-3-3)
 IRTP 17529 (IR 54950-181-2-1-2-3)
 IRIS 10-167187 (KARNAL LOCAL)
 IRIS 10-42602 (NEW SABARMATI (BAS))
 IRTP 21832 (IR 67406-6-3-2-3)
 IRTP 22696 (IR 71700-247-1-1-2)
 IRTP 18176 (IR 58115-103-3-1-1)
 IRTP 14267 (IR 74)
 IRTP 10783 (IR 19661-131-1-2)
 IRTP 5032 (IR 5533-13-1-1)
 IRTP 9640 (IR 17494-32-3-1-1-3)
 IRTP 22695 (IR 71676-34-1-1)
 IRTP 14184 (IRRI 102)
 IRTP 21485 (IR 65469-161-2-2-3-2-2)
 IRTP 6703 (IR 4215-301-2-2-6)
 IRTP 4546 (BG 90-2)
 IRTP 4337 (REMAJA)
 IRTP 17517 (IR 53960-219-2-1-3-1)
 IRTP 17522 (IR 53929-298-1-1-2-3)
 IRTP 2700 (REMADJA)
 IRTP 16771 (LATISAIL)
 IRTP 13176 (IR 68)
 IRTP 14308 (IR 32802-66-3-3-2)
 IRTP 14268 (IR 34583-22-1-2)
 IRTP 13200 (IR 31892-46-3-2)
 IRTP 14303 (IR 24594-204-1-3-2-6-2)
 IRTP 7477 (IR 54)
 IRTP 4197 (IR 3259-PP 8-172-7)
 IRTP 9638 (IR 17494-32-2-2-1-3)
 IRTP 8516 (BG 379-5)
 IRTP 9648 (IR 9828-41-2-1)

IRTP 8448 (IR 9828-41-2)
IRTP 3330 (BG 96-3)
IRTP 648 (IR 2843-79-2)
IRTP 17224 (NAM SA GUI 19)
IRTP 768 (IR 1820-52-2-4-1)
IRGC 24128 (BG66-1)
IRTP 6892 (NAM SAGUI 19)
IRTP 4786 (BG 66-1)
IRTP 4970 (IR 1820-52-2)
IRTP 734 (IR 480-5-9-3)
IRGC 1799 (BLUEBONNET)
IRTP 22722 (IR 73008-138-2-2-2)
IRTP 18167 (IR 53942-69-3-1-1-1)
IRTP 17124 (IR 51673-77-1-2-2)
IRGC 78110 (IR 28143-51-3-3-1-3)
IRTP 12154 (IR 28143-51-3-3-1)
IRTP 7947 (IR 13240-10-1)
IRTP 234 (IR 2053-521-1-1-2)
IRTP 22704 (IR 72164-348-6-2-2-2)
IRTP 22718 (IR 72905-49-3-2-2)
IRIS 10-93536 (IR 67966-44-2-3)
IRTP 22824 (IR 72889-69-2-2-2)
IRTP 22700 (IR 72158-68-6-3)
IRIS 10-93525 (IR 67962-84-2-2-2)
IRTP 21481 (IR 60912-93-3-2-3-3)
IRTP 18154 (IRRI 105)
IRTP 14752 (IR 35366-28-3-1-2-2)
IRTP 22685 (IR 68552-100-1-2-2)
IRTP 21891 (IR 68059-5-2-1)
IRTP 18179 (IR 58761-80-2-2-3)
IRGC 78146 (IR 39292-142-3-2-3)
IRTP 13175 (IR 28222-23-1-3-3-2)
IRTP 10521 (IR 19661-131-1-3-1-3)
IRIS 10-95292 (IR 67966-44-2-3-2)
IRTP 22834 (IR 72906-32-1-3-3)
IRTP 22699 (IR 72158-16-3-3)
IRTP 22706 (IR 72967-12-2-3)
IRTP 21866 (IR 68059-66-2-3-3-3)
IRTP 22709 (IR 73707-45-3-2-3)
IRTP 22701 (IR 72158-116-6)
IRTP 14310 (IR 32809-314-2-3-1)
IRTP 22733 (IR 74052-297-2-1)
IRTP 21862 (IR 67406-49-2-3-6-3-1)
IRTP 22772 (IR 72869-52-1-1-1)
IRTP 21172 (IR 67023-30-3-3-2-2)
IRTP 17171 (IR 53915-137-3-2-3)
IRTP 17163 (IR 53912-98-1-2-2)
IRTP 16231 (IR 50363-61-1-2-2)
IRTP 13916 (IR 32429-122-3-1-2)
IRTP 14236 (IR 42015-83-3-2-2)
IRTP 11416 (IR 13427-45-3-1-2-2-2)
IRTP 9653 (IR 13427-45-3-1-2)
IRTP 11431 (IR 25588-32-2)
IRTP 9863 (IR 15429-268-1-2-1)
IRTP 12860 (IR 4547-16-1-7)
IRTP 3339 (BG 280-1)
IRTP 1145 (MUDGO)
IRTP 21659 (IR 00A109)
IRTP 21842 (IR 63896-60-3-1-2)
IRTP 17079 (IR 53901-45-1-3-1)
IRTP 17145 (IR 53294-65-1-1-3)
IRTP 310 (JANAKI)
IRTP 22698 (IR 72158-11-5-2-3)
IRTP 22828 (IR 72903-121-2-1-2)
IRTP 22707 (IR 72985-65-3-1)
IRTP 22822 (IR 72875-94-3-3-2)
IRTP 17507 (IRRI 106)
IRIS 10-65432 (IRRI 103)
IRTP 14241 (IR 35293-125-3-2-3)
IRTP 11826 (IR 25621-94-3-2)
IRTP 5018 (IR 4547-4-1-2)
IRTP 216 (IR 1905-81-3-1)
IRTP 7277 (IR 9761-19-1)
IRTP 612 (IR 2588-48-3)
IRTP 368 (IR 1544-238-2-3)
IRTP 17186 (IR 44624-127-1-2-2-3)
IRGC 78087 (IR 21848-65-3-2)
IRGC 78085 (IR 21841-81-3-3-2)
IRTP 6662 (CEYSVONI SML)
IRIS 10-90326 (IR 66750-6-2-1)
IRTP 14306 (IR 28224-21-2-2-1)
IRTP 21482 (IR 61979-138-1-3-2-2)
IRTP 13939 (IR 32822-94-3-3-2-2)
IRTP 11425 (IR 25861-31-1-3)
IRTP 6261 (IR 4442-46-3-3-3)
IRTP 2939 (IR 4442-46-3)
IRGC 32696 (IR 2061-464-2)
IRIS 10-82199 (IR 66072-11-8-4-2)
IRTP 932 (MOROBEREKAN)
IRTP 936 (PALAWAN)
IRIS 10-87710 (IR 65561-3-3-2)
IRTP 10846 (AKIHIKARI)

IRTP 7289 (OU 269)
IRTP 4219 (REIMEI)
IRTP 15988 (SASANISHIKI)
IRTP 3573 (FUJISAKA 5)
IRTP 4091 (RIBON)
IRTP 15513 (PELDE)
IRTP 330 (CALORO)
IRGC 10366 (REXARK ROGUE(B 46-4799))
IRGC 1765 (EARLY PROLIFIC)
IRTP 13316 (LEMONT)
IRTP 19780 (LEBONNET)
IRTP 6529 (BLUEBELLE)
IRGC 6741 (B 505 A 1-28-7-1-2)
IRGC 6755 (B 575 A 1-57-3-6)
IRTP 397 (DAWN)
IRTP 332 (CI 5309)
IRGC 1750 (SHOEMED)
IRGC 5757 (SHOEMED)
IRGC 8164 (P.TINAWON QAN QIPUGON GIMPUHA)
IRIS 10-90406 (IR 66159-144-5-2-2)
IRIS 10-90424 (IR 66160-2-6-3-2)
IRIS 10-90410 (IR 66160-143-6-5-3)
IRIS 10-90338 (IR 65600-7-2-5-2)

IRIS 10-91608 (IR 65600-42-5-2)
IRIS 10-91682 (IR 66159-110-3-1-3)
IRIS 10-91613 (IR 65600-77-4-2-1)
IRIS 10-72020 (AZUCENA (C))
IRIS 10-93704 (IR 67963-16-1-2)
IRIS 10-91733 (IR 67937-15-1)
IRIS 12-772 (IR 68552-55-3-2)
IRTP 22690 (IR 67966-188-2-2-1)
IRIS 16-39464 (IR 68552-58-1-2-2-3)
IRTP 22686 (IR 65600-96-1-2-2)
IRTP 21721 (IR BB 59)
IRTP 16277 (IR BB 5)
IRTP 16276 (IR BB 4)
IRTP 88 (TONGIL)
IRGC 11985 (SUWON 118)
IRIS 3-2468 (SUWEON 118)
IRGC 9740 (YUHKARA)
IRGC 2724 (SAKAI KANEKO)
IRTP 6670 (NORIN 29)
IRIS 12-807 (IR 69807-13-2-1)
IRTP 13205 (IR 31917-45-3-2-2)
IRTP 18112 (IR 31917-45-3-2)

Annex 2

RATE AND MODALITIES OF PAYMENT UNDER ARTICLE 6.7 OF THIS AGREEMENT

1. If a **Recipient**, its affiliates, contractors, licensees, and lessees, **commercializes** a **Product** or **Products**, then the **Recipient** shall pay one point-one percent (1.1 %) of the **Sales** of the **Product** or **Products** less thirty percent (30%); except that no payment shall be due on any **Product** or **Products** that:
 - (a) are **available without restriction** to others for further research and breeding in accordance with Article 2 of **this Agreement**;
 - (b) have been purchased or otherwise obtained from another person or entity who either has already made payment on the **Product** or **Products** or is exempt from the obligation to make payment pursuant to subparagraph (a) above;
 - (c) are sold or traded as a commodity.
2. Where a **Product** contains a **Plant Genetic Resource for Food and Agriculture** accessed from the **Multilateral System** under two or more material transfer agreements based on the Standard Material Transfer Agreement only one payment shall be required under paragraph 1 above.
3. The **Recipient** shall submit to the **Governing Body**, within sixty (60) days after each calendar year ending December 31st, an annual report setting forth:
 - (a) the **Sales** of the **Product** or **Products** by the **Recipient**, its affiliates, contractors, licensees and lessees, for the twelve (12) month period ending on December 31st;
 - (b) the amount of the payment due; and
 - (c) information that allows for the identification of any restrictions that have given rise to the benefit-sharing payment.
4. Payment shall be due and payable upon submission of each annual report. All payments due to the **Governing Body** shall be payable in (*specified currency*)³ for the account of (*the Trust Account or other mechanism established by the Governing Body in accordance with Article 19.3f of the Treaty*).⁴

³ *Note by the Secretariat:* The Governing Body has not yet considered the question of currency of payment. Until it does so, Standard Material Transfer Agreements should specify United States dollars (US\$).

⁴ *Note by the Secretariat:* This is the Trust Account provided for in Article 6.3 of the Financial Rules, as approved by the Governing Body (*Appendix E* to this Report). The details of the Trust Account when established, will be introduced here, and communicated to Contract Parties.

Annex 3

**TERMS AND CONDITIONS OF THE ALTERNATIVE PAYMENTS SCHEME
UNDER ARTICLE 6.11 OF THIS AGREEMENT**

1. The discounted rate for payments made under Article 6.11 shall be zero point five percent (0.5 %) of the **Sales** of any **Products** and of the sales of any other products that are **Plant Genetic Resources for Food and Agriculture** belonging to the same crop, as set out in Annex 1 to the **Treaty**, to which the **Material** referred to in *Annex 1* to **this Agreement** belong.
2. Payment shall be made in accordance with the banking instructions set out in paragraph 4 of *Annex 2* to **this Agreement**.
3. When the **Recipient** transfers **Plant Genetic Resources for Food and Agriculture under Development**, the transfer shall be made on the condition that the **subsequent recipient** shall pay into the mechanism established by the **Governing Body** under Article 19.3f of the **Treaty** zero point five percent (0.5 %) of the **Sales** of any **Product** derived from such **Plant Genetic Resources for Food and Agriculture under Development**, whether the **Product** is **available or not without restriction**.
4. At least six months before the expiry of a period of ten years counted from the date of signature of **this Agreement** and, thereafter, six months before the expiry of subsequent periods of five years, the **Recipient** may notify the **Governing Body** of his decision to opt out from the application of this Article as of the end of any of those periods. In the case the **Recipient** has entered into other Standard Material Transfer Agreements, the ten years period will commence on the date of signature of the first Standard Material Transfer Agreement where an option for this Article has been made.
5. Where the **Recipient** has entered or enters in the future into other Standard Material Transfer Agreements in relation to material belonging to the same crop[s], the **Recipient** shall only pay into the referred mechanism the percentage of sales as determined in accordance with this Article or the same Article of any other Standard Material Transfer Agreement. No cumulative payments will be required.

Annex 4

**OPTION FOR CROP-BASED PAYMENTS UNDER THE ALTERNATIVE PAYMENTS
SCHEME UNDER ARTICLE 6.11 OF THIS AGREEMENT**

I (full name of **Recipient** or **Recipient's authorised official**) declare to opt for payment in accordance with Article 6.11 of **this Agreement**.

Signature.....

Date.....⁵

⁵ In accordance with Article 6.11h of the Standard Material Transfer Agreement, the option for this modality of payment will become operative only once notification has been provided by the **Recipient** to the **Governing Body**. The signed declaration opting for this modality of payment must be sent by the **Recipient** to the **Governing Body** at the following address, whichever method of acceptance of **this Agreement** (signature, shrink-wrap or click-wrap) has been chosen by the parties to **this Agreement**, and whether or not the **Recipient** has already indicated his acceptance of this option in accepting **this Agreement** itself:

The Secretary,
International Treaty on Plant Genetic Resources for Food and Agriculture
Food and Agriculture Organization of the United Nations
I-00100 Rome, Italy

The signed declaration must be accompanied by the following:

- The date on which **this Agreement** was entered into;
- The name and address of the **Recipient** and of the **Provider**;
- A copy of Annex 1 to **this Agreement**.