

The background of the slide is a close-up photograph of golden rice grains, showing the texture and color of the seed heads. A semi-transparent white rectangular box is overlaid in the center, containing the text.

# Proposed HRDC Guidelines 2015

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## IRRI's vision and mission



*Reduce poverty and hunger,  
improve the health of rice  
farmers and consumers, and  
ensure environmental  
sustainability of rice farming*

## HRDC overall objective

Make better HF1 varieties more widely available to rice farmers, thus increasing yield and making rice production more efficient and sustainable, keeping rice affordable for people who depend on rice as a staple food.

## **HRDC Goal (1) - Support R&D on developing elite parental lines and HF1 varieties**

- strengthen HF1 rice product development, using publicly available germplasm at IRRI and IRRI's partners
- enhance yield heterosis in both dry and wet seasons
- increase and stabilize yields of HF1 seed production

## **HRDC Goal (2)** - Provide information on the performance of HF1s, and develop best management practices

- multi-location HF1 performance trials
- local research on best management practices
- developing the next generation of HF1 rice specialists

## Situation of the program today

- After 5 years of investment by IRRI and the HRDC members, the HRDC program has been established and is fully operational
- The financial contribution of the private sector members today covers **less than 50%** of the direct cost of the program

## *Proposed evolution*

1) Financial contribution of the private sector members of HRDC will be **significantly increased** to cover the direct cost of R&D

### **Level of contribution needed to cover direct costs**

- Group A member: 70 kUSD/year
- Group B member: 30 kUSD/year

2) Private and public members will be required to report on the use of HRDC material (segregating populations, parental lines, HF1s), and on trials results using HRDC parental lines and/or HF1s

- private sector data may be encoded for confidentiality reasons

3) Subject to entering into a commercial agreement, HRDC members will have a **2 year right of 1st refusal** on HRDC parental lines and HF1s

- register of HRDC parental lines to be updated regularly



- 4) Plant Breeding Rights on HRDC parental lines and HF1s, owned by IRRI
- 5) The marketing partner(s) will take care of variety registration and market introduction
- 6) royalty on sale of commercial varieties which have been developed using HRDC segregating populations, and/or parental lines, and/or HF1
  - level of royalty will be adjusted to reflect generally accepted market practices on the specific markets

7) Role of Advisory Committee will be emphasized  
(Advisory Committee proposal to be submitted within 2 weeks)

example: specific effort towards stacking of useful traits, more information on segregating populations and fixed lines

8) Joint effort to improve seed delivery to members

- MTA in place before annual meeting
- import permit in place before annual meeting

## Next steps

- 1) “Customer satisfaction” analysis to be shared with HRDC members
- 2) HRDC program objectives to be updated based on customer satisfaction analysis
- 3) other points ?

Best available  
Public Domain  
Germplasm

- Available with SMTA



HRDC  
Development  
Populations

- Available for breeding to HRDC members with SMTA and specific HRDC MTA



Fixed Parental  
Lines

- Available for testing with HRDC MTA and/or Commercial Agreement