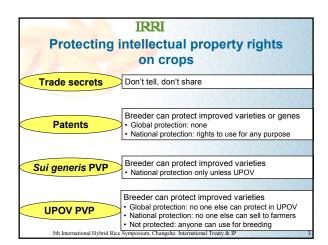
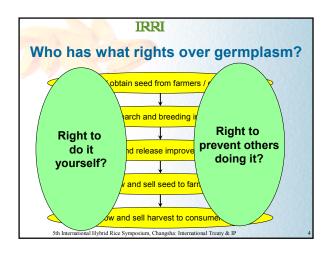
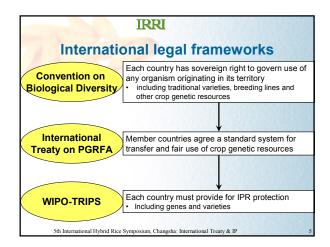


Intellectual Property Rights • World Intellectual Property Organization: • Everyone has the right to protect their intellectual investment in creating a new product • Trade-related aspects of intellectual property rights: • Every country must provide a system for IPR protection • Including genes and varieties









IRRI

The Standard Material Transfer Agreement

- A contract to be used for every transfer of material under the Treaty
- Specifies the <u>rights</u> and <u>obligations</u> of <u>Provider</u> and <u>Recipient</u>
- · Legally binding under international law
- · Text of the SMTA must not be changed
- Available in 6 languages at www.planttreaty.org/smta_en.htm

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Your rights and obligations under the SMTA

(1) as provider of germplasm

(2) as recipient of germplasm

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Your rights as provider

- Provide access to lines that you are developing is at your own discretion
- If you provide access to your PGRFA under development, you may add ancillary conditions to SMTA
 - Provided no change to or conflict with existing terms and conditions
 - o e.g. you can
 - Charge fees / royalties for access
 - Can restrict access
 - Can require recipient to track and report use of the material

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Your obligations as provider

- Grant access to all available passport data and any other associated available non-confidential descriptive information
- Periodically inform the Governing Body about what germplasm has been provided
- If you provide germplasm protected by intellectual or other property rights, make sure you comply with relevant international agreements and national laws

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Your rights and obligations under the SMTA

(1) as provider of germplasm

(2) as recipient of germplasm

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Your rights as recipient:

Subject to certain conditions you may:

- · Conserve the germplasm
- Use it for breeding, research and training for food & agriculture
- · Develop and commercialise products derived from it
- Claim your intellectual property rights over the product(s) you develop from it
- · Distribute it to others
- · Distribute derived breeding and research materials
- Add further conditions to distribution of breeding and research materials

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Your obligations as recipient (1)

- You <u>must not</u> use the germplasm for "chemical, pharmaceutical and/or other non-food/feed industrial uses", or any other purpose except research, breeding and training for food and agriculture
- You <u>must not</u> claim "intellectual property or other rights that limit the facilitated access to the material ..., or its genetic parts or components, in the form received ..."

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Your obligations as recipient (2)

- You <u>must</u> make available all non-confidential information resulting from the your own R&D on the germplasm
- If you keep a sample or copy of the germplasm, you <u>must</u> make it available to others
- If you provide the original germplasm or derived breeding lines or research materials to 3rd parties, you <u>must</u> do so under a new SMTA
 - o as provider in the new SMTA,
 - o complying with provider's obligations

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Your obligations as recipient (3)

- If you commercialise a Product (e.g. improved variety) that you develop using germplasm received with an SMTA, and that product is not available without restriction to others for further breeding and research, you must
 - Pay a percentage of your sales of the Product to the Governing Body
 - 0.77% of gross sales annually
 - Same percentage irrespective of number of MLS ancestors in pedigree
 - o Submit annual reports to the GB on the liability to payment
- · Voluntary payment if available without restriction

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Alternative payments

- Lower rate of payment: 0.5%
- Payment is
 - o for 10 years renewable
- o on sales of all products of the crop, not just the Product
- o made even if products are available without restriction
- continues after 10 years for the Product if it is not available without restriction
- Must bind recipients of PGRFA under development to different payment option
 - 0.5% of sales of Product even if available without restriction
- · Must tell Governing Body of choice

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IP management implications (1) Record the status of each line

- Categories
 - Raw germplasm available with SMTA
 - PGRFA under development available with SMTA + ancillary conditions
 - o Your own commercialised varieties
 - What rights have you claimed?
 - · Do you restrict access for breeding and research?
 - Other restricted lines
 - · What restrictions?
 - · Who owns the IP?
- · Why?
- · Different conditions for accessibility, reporting, use

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IP management implications (1a) Know which of your lines are governed by SMTA

- Material received with SMTA
- Material derived from material received with SMTA
- · Other material required to be in MLS
- · Why?
- To know which must be distributed with SMTA
 - o Unless you choose to use SMTA for all possible germplasm
 - Know which must not be distributed with SMTA
- To know which Products trigger payments
 Unless
 - · You commercialize without restricting access
 - You choose alternative option for payment

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IP management implications (2) Track pedigrees with IP status

- · Why?
- To know what material is derived from material received with SMTA
- When distributing derived breeding lines, must identify the original material received with SMTA
- Unless you choose to distribute as standard MLS germplasm, not as "PGRFA under development"

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IP management implications (4) Record gross sales by variety

- Only varieties bred from at least one line received with SMTA trigger payment
 - o Unless
 - You commercialize without restricting access
 - → no payments necessary
 - · You choose alternative option for payment
 - → payments on total sales of all varieties

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Conclusion

- The Treaty introduces new rules for germplasm exchange, linked to commercialization
- The new system implies breeders must know the IP status of each line and must track IP with pedigrees
- Change in specific rules, no change in principle
- Breeders need to know how to apply the new rules in their current IP & pedigree tracking systems

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