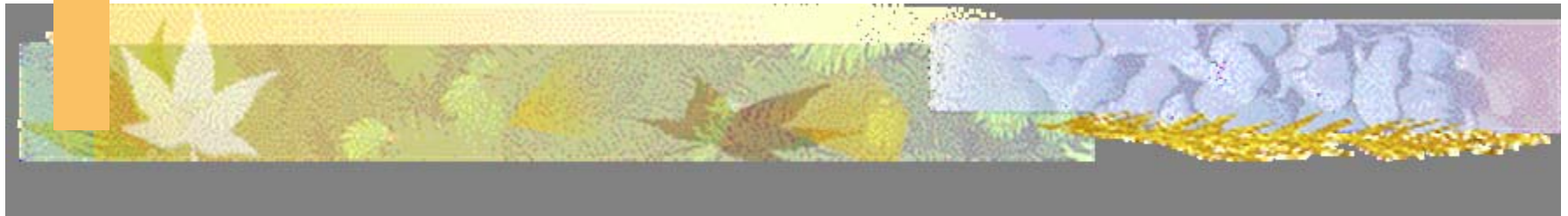


Public-Private Investments in Crop Biotechnology for the Developing World



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The header features a collage of images: a green plant, a yellow flower, a blue sky with clouds, and a golden wheat field. Below these is a solid orange horizontal bar.

Crop Biotechnology for the Developing World

- Crops Improved via Biotechnology = Increased incomes and improved livelihood for resource poor farmers
- Enhanced capacity for science-based regulation of biotechnology = Safe access to technology and enhanced trade



Enhanced capacity to regulate biotechnology

- Access to biotechnology
- Address concerns about the safety & trade impacts of biotechnology
- Field tests and market approvals of new crop varieties are subject to efficient, science-based regulatory guidelines
- Program for Biosafety Systems
www.ifpri.org/pbs/pbs.asp
- AGBIOS – South Asia Biosafety Program
www.agbios.com/main.php

The header features a collage of images: a green plant, a blue and purple abstract pattern, and a golden wheat stalk. Below this is a solid orange horizontal bar.

Crops Improved via Biotechnology/Africa

- Virus Resistant Cassava
- Disease and Insect Resistant East African Highland Banana
- Maize with higher levels of Vitamin A, Iron and Zinc
- Insect Resistant Cowpea

A decorative header banner featuring a collage of agricultural images: a green leaf, a yellow flower, a brown bird, and a blue sky with white clouds. Below the banner is a solid orange horizontal bar.

Crops Improved via Biotechnology / S. Asia and The Philippines

- Insect Resistant Eggplant
- Late Blight Resistant Potato
- Drought and Salt Tolerant Rice
- Virus Resistant Papaya



Public – Private Development of Products for Developing Countries

- Human Capacity and S&T infrastructure limitations in developing world
- Limited experience in the public sector developing transgenic products
- Companies want to limit risk
- Limited public sector funds

The header features a collage of images: a green plant on the left, a bird in flight in the center, and a blue crystalline structure on the right, all set against a light background with a yellow-to-white gradient.

Insect Resistant Cowpea

- Managed by African Agricultural Technology Foundation
- Use of Bt gene donated by Monsanto Co. for cowpea in Africa
- Development of transgenic cowpea in Australia by Commonwealth Scientific and Industrial Research Organization (CSIRO)
- Breeding and seed distribution by African National Agricultural Research organizations.
- Regulatory/Biosafety support by Program for Biosafety Systems
- Scientific support among members of Network for the Genetic Improvement of Cowpea for Africa – NGICA