

2017

ACCOMPLISHMENT REPORT





The International Service for the **Acquisition of Agri-biotech Applications** (ISAAA) is a not-for-profit international organization that shares the benefits of crop biotechnology to various stakeholders, particularly resourcepoor farmers in developing countries, through global sharing of knowledge and support to technology development. ISAAA's global knowledge sharing network and partnerships in the research and development continuum provide a powerful combination of science-based information and appropriate technology to those who need to make informed decisions about their acceptance and use. In addition, an array of support services

completes the holistic approach to agricultural development and ensures effective implementation and timely delivery of crop biotechnologies. These services include capacity building for policy makers and scientists; regulatory oversight on issues such as biosafety and food safety; impact assessment, and science communication.



2017: Year in review

Just before 2017 drew to a close, the Society of Toxicology, a professional membership association comprising over 8,000 scientists worldwide, declared that there is no verifiable evidence that genetically engineered (GE) crops cause adverse health effects. Similarly, scientists who participated in the International Food Biotechnology and Biosafety Workshop in Turkey released a final declaration that emphasized the need for modern biotechnology as a key technology for food and agricultural science. These powerful statements of experts in the field add up to several other esteemed organizations that have earlier declared the safety and potential of biotechnology to address the most pressing needs for food, feed,

fiber, and fuel. In Asia, research and regulations on biotech crops are moving forward, raising the hopes of farmers and consumers that more helpful biotech products will be available for them in the future. ISAAA SEAsiaCenter, on the other hand, continually engage influential stakeholders and empower them to actively participate in the biotech dialogue. Aside from its science communication initiatives, ISAAA and its network diligently strive to help shape sound policy and regulations that will enable the responsible deployment and adoption of biotech crops. ISAAA also provides support to enable transfer of appropriate biotechnologies. This report summarizes the activities of ISAAA SFAsiaCenter in 2017 focused on bringing the benefits of biotechnology to help uplift the lives of the growing population, especially in Asia.



Message from the ISAAA SEAsiaCenter Director

Dr. Randy A. Hautea

Decades of biotech research and commercialization have clearly demonstrated the benefits and safe use of biotech crops. Internationally trusted organizations such as the World Health Organization, the Food and Agriculture Organization of the United Nations, The World Academy of Sciences, and over 200 scientific organizations, have declared a consensus about the safety of GM crops. However, the technology continues to face criticisms from skeptics and the misinformed public. ISAAA helps dispell fears and doubts about biotechnology by engaging various stakeholders and delivering information based on scientific facts, especially in the Asia.

As a strong evidence of biotechnology's potential and benefits, 18 million farmers all over the world planted 185.1 million hectares of biotech crops in 2016. This is the highest area of biotech crop adoption since its first year of commercialization in 1996 which was just 1.7 million hectares. Thus, there has been a ~110-fold increase over a period of 21 years, making biotech crops the fastest adopted crop technology in recent times.

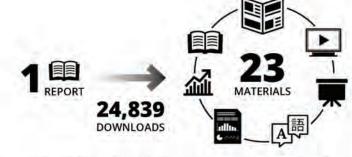
The *Crop Biotech Update*, which is the only weekly e-newsletter service that provides the latest agri-biotech news and research developments, reaches out to over 22,000 subscribers worldwide. ISAAA has also been more active in social media to engage more stakeholders, especially the younger generations, who will later make choices for the future of their own families, communities, and global society. New publications are continually developed presenting updates of the technology in various fields of application. ISAAA has served as the top source of information on biotechnology cited in major newspapers in the Philippines.

ISAAA fulfills its mission with the help of partners who share with us the unwavering conviction that responsible deployment of new technologies can help the alleviation of poverty and malnutrition, especially in developing countries. The unmet needs and challenges for a more food secure world

are far greater in developing countries and regions and they should have access to all available tools that can potentially help meet the needs.

ISAAA will continue working towards helping more families uplift their lives through the benefits of biotechnology. The biotech farmers in various countries, who commonly profess that growing biotech crops have helped them send their children to school, acquire a home for their families, and live a healthier life with less pesticides, will continue to be our inspiration to make our best efforts in knowledge sharing, engagement, and support to technology development. We are confident that the stories about the benefits of biotechnology will never stop to resonate in countries where such technologies are making a difference.

Milestones





COUNTRY

IN ASIA



NEWS REPORTS







3.09 BILLION MEDIA IMPRESSIONS

CROP BIOTECH UPDATE

22,880



SUBSCRIBERS WORLDWIDE

630 ARTICLES



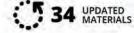
5,000x ON SOCIAL MEDIA \$ 7.753 LINKS FROM OTHER WEBSITES

ACCESSED 88,144x

THRU THRU THRU











19 BICS & PARTNERS

WORKING TOGETHER TO INFORM THE PUBLIC ABOUT THE BENEFITS OF BIOTECHNOLOGY



92 OFFICIALS

from 17 APEC economies participated in a high level policy dialogue on safe use of agri-biotech.

~800 KEY STAKEHOLDERS



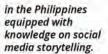
learned about the new Philippine biotech regulations through public briefings.



SCIENCE COMMUNICATORS

from 15 countries in Asia, Africa, and Europe discussed international regulations related to agri-biotech.

AGRI INFORMATION OFFICERS







PH study (2010-2016) shows ISAAA as top source of biotech information.



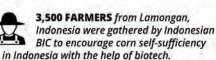
Over 700 #BiotechisCool gameboard kits were distributed during the PH National Biotech Week.

Experts from Bangladesh visited the Philippines to discuss Bt Brinjal/ Eggplant adoption.

29 senior high school students and science teachers from the PH joined Agri-biotech Boot Camp.



The Petri Dish by Malaysian BIC continued to be a popular influencer of modern biotech, with over 5,000 readers including policy makers, consumers, students, and scientists in Malaysia, Indonesia, Pakistan, and other countries.



South Asia Biotechnology Center launched a campaign to support GM mustard, leading to 250 letters of recommendations from key stakeholders and Nobel Laureates to approve the crop in India.

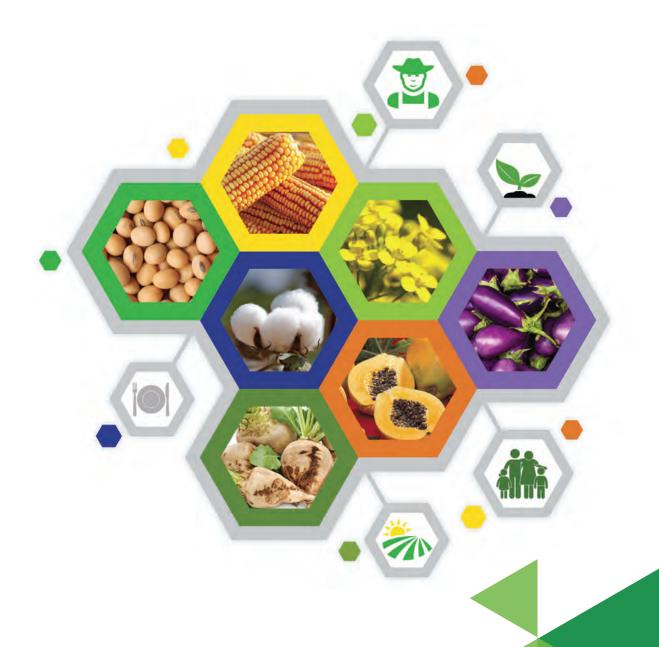


Uganda BIC's efforts in training current and future scientists to communicate the relevance of biotec research contributed to the passage of the National Biosafety Act.



Global Knowledge Center on Crop Biotechnology

In 2000, senior policy makers from Southeast Asia, together with international experts, recognized the important role of science and technology in developing countries and recommended the formation of Global Knowledge Center on Crop Biotechnology (KC). With the help of Nobel Peace Laureate, Dr. Norman Borlaug, ISAAA received the seed money from the Philippine president to start the knowledge sharing initiatives. Seventeen years later, KC (based at ISAAA SEAsiaCenter) and its network of Biotechnology Information Centers (BICS) have remained to be at the forefront of biotech communication in the region, helping stakeholders from the developing world to make decisions based on science-based information.





Global Status of Commercialized Biotech/GM Crops: 2016

ISAAA gathers information on the annual adoption of biotech crops, and analyzes the current and future trends. The results are summarized in an annual brief, which is the most sought after source of latest data on global GM crop adoption since 1996, when the biotech crop commercialization started. In 2017, ISAAA released the full report titled *Global Status of Commercialized Biotech/GM Crops:* 2016 (Brief 52) featuring the distribution of biotech crops by country, crop, and trait and the economic benefits accrued from adoption. Discussions of the trends in biotech crop approvals and regulations were also included in the report. The report was launched in 9 Asian and 6 African countries, and has reached over 3 billion media impressions.

Media Impressions

1,015

articles

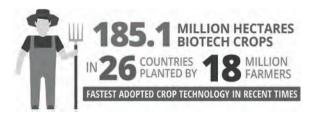
11,121

countries

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3.09 billion

s media impressions









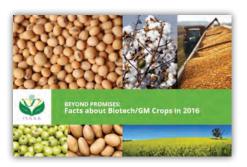




Publications & Videos

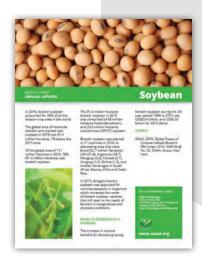
ISAAA Brief 52 was repackaged into different types of resources to highlight certain topics and capture the interests of various audiences.





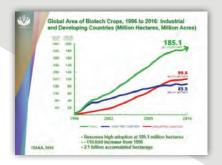












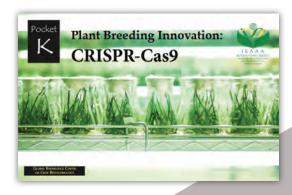


Aside from the annual global adoption report and its derivatives, KC has also developed various publications which were distributed online and in print to developing countries to sustain interest on biotechnology. Some of the publications released in the previous years were also updated using recent reports on biotech adoption and benefits.



#BIOTECHIS COOL







ISAAA Online







The ISAAA website (www.isaaa.org) serves as the portal to a plethora of information resources including publications, crop biotech and biofuels news, and GM crop approval updates. With its new design and better accessibility in smart phones, the website now captures a wider scope of audiences.

www.isaaa.org 72,504 149,821 549,697







page viev

*monthly average, January-December 2017

Crop Biotech Update

Since 2000, ISAAA's weekly e-newsletter Crop
Biotech Update (CBU) delivers global news and
research highlights on biotechnology which have
implications for developing countries. It also comes
with a biweekly Biofuels Supplement. Through the
CBU, over 22,000 subscribers worldwide receive the
latest news on agri-biotech. Aside from the mailing
list, news from the CBU are distributed through
other channels such as the ISAAA website, RSS feed,
independent mailing lists of some BICs, Facebook,
Twitter, Send to Friends tool, and links from other
websites. To date, it is the only e-newsletter focused
on reporting about crop biotechnology.

22,880



SUBSCRIBERS WORLDWIDE

ISAAA WEBSITE



OTHER WEBSITES

\$ 7,753

INDEPENDENT MAILING LISTS OF BICS



260,080



CBU & BIOFUELS RSS 118,234/mo

FACEBOOK SHARES





GM Approval Database

http://www.isaaa.org/gmapprovaldatabase/



GM Approval Database remains on the top of Google search results on GM crop event approvals, indicating ease of access to the portal. It contains all the latest approval data including regulatory and biosafety documents released by adopting and importing countries. It also enables users to do advanced search by crop, commercial trait, developer, country, or type of approval. Thus, it is frequently used by researchers worldwide as a source of GM crop approval data.

Social Media

ISAAA blog (isaaablog.blogspot.com) relates recent events and stories on agri-biotech in a conversational and easy-to-understand approach. Topics posted include trending news on crop biotech in 2016, highlights of biotech crop adoption in 2016, Brief 52 launch events in Asian countries, and the results of a biotech communication research conducted in the Philippines.

The ISAAA.org on Facebook has been officially

authenticated by Facebook as an official page owned by the organization, which is indicated by a gray check badge. Verified Pages are also specially optimized by Facebook to appear higher in the search results than other pages. This makes ISAAA to be ahead of other pages that post fake news about biotechnology.

A large percentage (30%) of the growing Twitter followers of ISAAA belong to organizations and groups, such as universities, research institutions, seed/producers groups. This indicates that such groups follow ISAAA to get real time updates on crop biotechnology.

The Brief 52 social media campaign with official hashtags #GMCrops2016 and #ISAAAReport2016 reached 91,898,150 media impressions.



Communication Research

Seventeen Years of Media Reportage of Modern Biotechnology in the Philippines



From Fear to Facts



ISAAA and SEARCA BIC conducted a 17-year media study (2000-2016) to analyze the trends in Philippine print and online reporting on modern crop biotechnology. The study is part of the Know the Science project funded by the Philippine Department of Agriculture's Biotechnology Program Office (BPO). The result of the study was published in the April 2017 issue of Philippine Journal of Crop Science and presented in the 24th Scientific Conference of the Federation of Crop Science Societies of the Philippines (FCSSP).

The study, which reviewed 2,219 articles from top Philippine newspapers (Manila Bulletin, Philippine Star, Philippine Daily Inquirer, and Business Mirror), showed that over the past 17 years of reporting, the Philippine media exhibited a mature editorial stance on biotechnology, which happened gradually through the years. This is manifested by the decrease in the number of articles in negative tone; increase in the use of metaphors relating to potential/promise; decline in the use of biotech critics as sources of information; and increase in the number of articles framed towards social progress, highlighting the positive impact of crop biotechnology. For the past seven years (2010-2016), the top sources of information on biotechnology were Dr. Clive James (ISAAA Founder and Emeritus Chair) and ISAAA. It was

recommended that media practitioners and scientists must continue to collaborate to sustain the public interest on the technology.

ISAAA also presented the study through different publications such as booklets, infographics, and blogs to highlight the findings.

Top Sources of Biotech Information

in PH newspapers (2010-2016)



Dr. Clive James Founder and Emeritus Chair of ISAAA



Top keywords used in the articles



Capacity Building

Aside from developing information resources, the KC has been actively involved in engaging the

public and building capacities in biotechnology and

Briefings on new PH biotech regulations













New biotech communication initiatives

science communication.





24th Scientific Conference of the Federation of Crop Science Societies of the Philippines



Storytelling Agri-Innovations through Social Media











Biotechnology Information Centers in Asia BBIC (Thailand) MABIC (Malaysia) VBIS (Vietnam) IrBIC (Iran) China BIC (China) Pakistan BIC (Pakistan) Korea BIC (South Korea) South Asia Biotechnology Centre (India) Nippon BIC (Japan) **SEARCA BIC (Philippines)** IndoBIC (Indonesia) 16

Bangladesh Bangla translation of CBU articles are distributed through the ISAAA and Bangladesh Agricultural Research Institute (BARI) websites to report about the developments in biotechnology that are relevant to the country. Together with Bangladesh Agricultural Research Council, ISAAA and partners launched ISAAA Brief 52 to members of the government's agricultural R&D sector, regulators, and media to update them about the status, impact, and prospects of agri-biotechnology in 2016, highlighting the benefits accrued by the country in adopting Bt brinjal.

China ISAAA, China Biotechnology Information
Center (CABIC), in cooperation with Fleishman/Hillard, launched the 2016 ISAAA Brief 52 report in two events—a media conference and a seminar. The media conference was attended by some 40 journalists from Chinese and international news agencies who reported about the developments in agri-biotech in 2016 based on the report. A seminar was also held at the Chinese Academy of Sciences, which was attended by 120 scientists, members of the academe, and students. The seminar was organized in cooperation with Chinese Academy of Agricultural Sciences and the Chinese Biotechnology Society.



India South Asia Biotechnology Centre (SABC) launched a campaign in support of GM mustard, which includes a country-wide networking, social media campaign, and mobilized support for GM mustard targeted towards the scientific community researchers, bureaucrats, policy makers, students, and farmers. This resulted to 250 letters

from key stakeholders including Nobel Laureates recommending the approval of GM mustard. These were submitted directly to Ministry of Environment, Forest and Climate Change (MOEFCC) within a month after the Genetic Engineering Appraisal Committee approves GM mustard for commercial planting. SABC also provided support to the African Biotech/Biosafety Study Tour in India which was attended by Uganda's Minister of Science, Technology, and Innovation, Dr. Elioda Tumwesiqye.



Indonesia The Indonesian Biotechnology Information Center (IndoBIC) conducted several activities to engage farmers in the agri-biotech discussion. In one of their major activities in 2017, IndoBIC gathered 3,500 farmers from Lamongan and surrounding districts for a farmers meeting and ceremonial corn harvest in East Java, Indonesia. IndoBIC encouraged farmers to support corn self-sufficiency in Indonesia.

Japan Nippon Biotechnology Information Center continues to translate issues of the CBU to inform 20,000 Japanese readers about the latest news and developments in agri-biotech. NBIC also launched ISAAA Brief 52 to 120 stakeholders including representatives from the media, government, academe, and the industry. A biotech cartoon contest among secondary school students is held annually.

Malaysia The Petri Dish by Malaysian Biotechnology Information Centre (MABIC) continues to be a key public influencer on modern biotechnology with key readers including all Malaysian ministers, making it



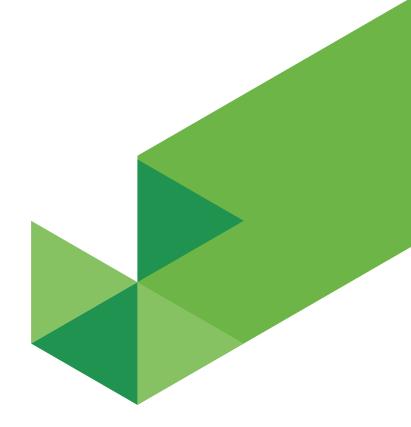
an effective media to influence policymaking. Articles and interviews for Minister of Science, Technology, and Innovation is crafted by MABIC and published in The Petri Dish. MABIC serves a strategic partner to most ministries and government agencies in promoting science, technology and innovation and also plays a role in reviewing existing policies and developing new ones. MABIC also sits on the Ad-hoc Committee on Biosafety under the Biosafety Department that deals with agribiotech industry players. MABIC also plays a role in giving input in developing curriculum for science/biology in areas of modern biotechnology and biosafety under the Ministry of Education for the schools. MABIC sits on the industry advisory board for six universities (public and private) to provide input to develop curriculum to suit the industry needs and develop market-ready graduates.

Pakistan The Pakistan Biotechnology Information Center (PABIC) played an important role to tie up China National Rice Research Institute (CNRRI) of Hangzhou with Government of Sindh Province. A delegation of CNRRI together with the Director of PABIC, Prof. M. Iqbal Choudhary met with the Minister of Agriculture, Sindh Province, Pakistan which led to the initiation of agriculture based projects. CNRRI will also train young Pakistani researchers in field to effectively utilize modern biotech techniques to improve local rice varieties.

Philippines With the new biotech and biosafety guidelines implemented in the Philippines, SEARCA Biotechnology Information Center (SEARCA BIC) and partners conducted four public briefings in seven key regions of the country. Over 800 consumer group members, regulators, farmer-leaders, educators, and students attended the public briefings. Aside from informing them about the new Joint Department Circular, they also learned about the basic concepts of biotechnology.

Thailand Biotechnology and Biosafety Information Centre (BBIC), together with the Biotechnology Alliance Association, launched ISAAA Brief 52 alongside a special seminar on A-Z genome editing technology for agriculture. The seminar was attended by 70 participants including farmers, media practitioners, post graduate students, regulators, and academia.

Vietnam Vietnam Biotechnology Information Service, in collaboration with Vietnam Genetics Association, Agricultural Genetics Institute, and Phu Yen Center for Application and Transformation of Technology, organized a conference on biotechnology applications and genetically modified crops in Tuy Hoa City, Phu Yen, Vietnam. The ISAAA report was also presented in the conference, which was attended by leaders of Phu Yen Department of Science and Technology, and more than 120 representatives from various agencies, departments, universities and farmers associations.





Support technology transfer

ISAAA continues to provide technical assistance for the commercialization of insect resistant Bt eggplant developed by researchers at the University of the Philippines Los Baños Institute of Plant Breeding. The developers are currently completing the regulatory dossier required by the Philippine government prior to approval of the crop for food, feed, processing, and cultivation. Additional research data were collected to complete the requirements for the regulatory dossier.

In preparation for the probable release of the Bt eggplant in the Philippines, ISAAA and partners conducted a public briefing to eggplant farmers and other stakeholders from Region IV to inform them about the technology and its potential benefits.

Key persons involved in the development and commercialization of Bt brinjal in Bangladesh visited the Philippines to share their learnings and experiences on research and development, regulations, and farmer adoption.

Some of these initiatives were funded by the Feed the Future Eggplant Improvement Project-Philippines.



Advancing biotech policy and regulations

ISAAA initiated and supported discussions on biotech policies, regulations, and development.

APEC High Level Policy Dialogue on Agricultural Biotechnology

Seventeen Asia-Pacific Economic Cooperation (APEC) economies represented by 92 officials attended the workshop to sustain an open exchange of information and ideas on approaches and policies and regulation for the safe utilization of agricultural biotechnology among economies. The workshop centered on the theme Agricultural Biotechnology: Driving from 1G to 5G was held in August 2017 in Can Thó, Vietnam. The discussion highlights include issues and concerns, regulation, information sharing, along with successes in the use and adoption of crop biotechnology. Biotech and regulation experts from various economies raised up the challenges on advancing innovation to commercialization stage, regulation cooperation, public-private partnerships, and international

engagement efforts on low-level presence of living modified organisms (LMOs).

The workshop was organized and supported by ISAAA, the United States Grain Council (USG), United States Department of Agriculture-Foreign Agricultural Service (USDA-FAS), the US-APEC Technical Assistance to Advance Regional Integration Activity (US-ATAARI), and CropLife. Vietnam's Ministry of Agriculture and Rural Development (MARD) served as the host institution.



Workshop on International Regulations Related to Agri-biotech

ISAAA, together with Monash University, Malaysian Biotechnology Information Centre (MABIC), Public Research and Regulation Initiative (PRRI), and Ministerial Standing Committee on Scientific and Technological Cooperation of the Organization of Islamic Cooperation (COMSTECH) organized a workshop discussing regulatory, scientific, and communication aspects of implementation of international agreements relevant to agribiotechnology such as the Cartagena Protocol on Biosafety, Nagoya Protocol on Access and Benefit Sharing, and Nagoya-Kuala Lumpur Supplementary Protocol on Liability and Redress. Some 36 scientists and science communicators from 15 countries in Asia, Africa, and Europe attended the workshop held at Monash University, Kuala Lumpur, Malaysia. Representatives from public and private sectors also participated in the discussions.

Prof. Piet van der Meer, a biologist and lawyer from Ghent University and Free University of Brussels, led the discussions on the international agreements, as well as key topics such as risk assessment, socioeconomic considerations, and public awareness.

Perspectives from the public and private sectors were delivered by Dr. Desiree Hautea, a University

of the Philippines Los Baños scientist, Dr. Felicity
Keeper, Global Regulatory Manager at Bayer
Australia and Dr. Lucia de Souza of PRRI. Dr.
Mahaletchumy Arujanan, Executive Director of
MABIC, discussed the considerations in facilitating
public acceptance of biotechnology.





Joint Department Circular on Biotechnology Regulation in the Philippines

With the new regulations implemented in the Philippines, regional public briefings were organized by ISAAA, SEARCA BIC, and the Philippine Department of Agriculture. Around 800 key stakeholders attended the four regional briefings held in Cebu City, Davao City, Cagayan de Oro City and Pampanga. The participants, including members of the consumer groups, regulators, farmer-leaders, faculty and students, information officers, and staff and officials of the local government units, were given lectures on the different tools and applications of modern biotechnology, environmental and food safety issues, biotech crops commercially available in the country and elsewhere, and biotech crops being developed and in the pipeline. Representatives of the five government agencies (Agriculture, Science and Technology, Health, Environment and Natural Resources, and Interior and Local Government) involved in the development and implementation of the new regulatory system were also present during the briefings to address the concerns of the public.

Policy dialogues and related activities

ISAAA, in collaboration with the Philippine DA-Biotech Program Office (DA-BPO), provided travel support to DA staff attending high level policy symposium/dialogue organized by international organizations including the ASEAN Genetically Modified Food (GMF) Testing Network (Nay Pyi Taw, Myanmar) and APEC HLPDAB Meeting and other APEC ministerial meetings in Can Thó, Vietnam.

Together with DA-BPO, ISAAA also conducted activities for the creation and promotion of a legislative agenda supporting agri-biotech development in the Philippines. A series of focused group discussions and consultations with key stakeholders and members of the legislature were executed.

Study Visit to Biotech Crop Fields

Under a collaborative project with DA-BPO, ISAAA organized a study visit to the Philippines for Bangladesh biosafety regulators, as requested by the Department of Environment – Implementation of the National Biosafety Framework (INBF) Project of Bangladesh. Five Bangladesh regulators attended a regulations briefing at the DA headquarters, introduction to the Bt eggplant project at UPLB-IPB,

discussions with the Golden Rice researchers at the International Rice Research Institute, field visits to commercial Bt corn fields and eggplant farms in Tarlac and Pangasinan.







Agri-biotech Boot Camp

Twenty-nine (29) senior high school students and their science teachers from Isabela, Laguna, Iloilo, Cebu, Davao, and Cagayan De Oro were enlightened on the issues and trends in agriculture and agri-biotech during the Agri-biotech Boot Camp for Senior High School Students at the Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA) Headquarters, Los Baños, Laguna, Philippines.

The activity was conducted to create awareness and build interest in agriculture and introduce

traditional and modern biotech as a career among the students. The boot camp is a build-up activity for the 13th National Biotechnology Week celebrated on November 20-24, 2017 at Fisher Mall, Quezon City.

Aside from lectures, briefings and study visits to the biotech laboratories and facilities of the University of the Philippines Los Baños - Institute of Plant Breeding (UPLB-IPB) and UPLB-National Institute of Molecular Biology and Biotechnology (UPLB-BIOTECH), and the Rice World Museum of the International Rice Research Institute (IRRI) were also conducted. Interactive games related to biotech were facilitated by student organizations University of the Philippines League of Agricultural Biotechnology Students (UP LABS) and UP Genetic Researchers and Agricultural Innovators Society (UP GRAINS).



AgStorytelling in Social Media

ISAAA social media managers shared some techniques on how to promote agricultural innovations such as biotechnology to a wider reach through social media. Information officers from the DA regional offices attended the workshops held in Davao City, Cagayan de Oro City, and Pampanga and learned how to develop and execute a social media plan, create visually engaging and informative posts, and harness the power of storytelling in engaging the public.



Public Information and Outreach

ISAAA and SEARCA BIC used the power of social media to educate the Filipino public about the science behind crop biotechnology. A social media campaign was started and led by SEARCA BIC under a project with DA-Biotech. Personal stories of key stakeholders such as scientists, farmers, and consumers were also featured in the social media pages.

Over 700 gameboard kits of #BiotechisCool were distributed by ISAAA during the Philippine National Biotechnology Week. Copies of other ISAAA publications were also distributed to the attendees of the event.





The biotech-on-air radio program *Radyo Teknolohiya* continues to reach the public through DZRB Radyo ng Bayan aired weekly in all provinces of the Philippines. The program covered various issues on biotech including research updates, science communication, the new national regulations, animal biotech, and agricultural modernization.



Partners and Donors in Asia

- Cornell Alliance for Science
- Cornell University Feed the Future
- CropLife Asia
- CropLife International
- Department of Agriculture, Philippines
- J.R. Simplot Company
- Program for Biosafety Systems of International Food Policy Research Institute (IFPRI)
- SEAMEO SEARCA, Philippines
- United States Department of Agriculture (USDA)
- University of the Philippines Los Baños Foundation, Inc. (UPLBFI), Philippines



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