



Agriculture in the News

Issues Affecting Caribbean Agriculture

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Contents

- **Rice** pp.1
- **Coconut** pp.2
- **Livestock** pp.2
- **Citrus Greening Disease** pp. 4
- **Plant Treaty's Multilateral System of Access and Benefit Sharing** pp.4
- **Climate Change** pp.5
- **Soil and Water** pp.7
- **Agricultural Development: Belize, Jamaica** pp.7
- **Food and Nutrition Security** pp.8
- **Youth** pp.9
- **UPCOMING EVENTS** pp.10

Rice

"90% targeted production achieved for second crop" GRDB GM. Ministry of Agriculture, Guyana, August 10, 2018

<http://agriculture.gov.gy/2018/08/10/90-targeted-production-achieved-for-second-crop-grdb-gm/>

Guyana's rice industry continues to demonstrate its resilience to the many challenges the sector continues to face and has recorded 90% of its targeted production for the second crop, which is also referred to as the autumn crop.

General Manager of the Guyana Rice Development Board (GRDB), Nizam Hassan, made this disclosure during a recent interview which he lauded the efforts of farmers, and the extension officers in ensuring that the industry prevails amidst ever-growing challenges.

"We were able to cultivate 80,000 hectares of farmlands. For the first crop, we achieved 99% of our targeted production. The shortfall in our production target for this crop was due to the early arrival of the rain in April. These rains not only affected the harvesting in the first crop, but also affected land preparation and production of the second crop of 2018." Hassan explained....

Improving Lives Through Agricultural Research

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Coconut

A global strategy for the conservation and use of coconut genetic resources. Bioversity International, 10/08/2018

<https://www.bioversityinternational.org/news/detail/a-global-strategy-for-the-conservation-and-use-of-coconut-genetic-resources/>

The International Coconut Genetic Resources Network ([COGENT](#))/Bioversity International has just published an updated version of the [Global Strategy for Conservation and Use of Coconut Genetic Resources](#) compiled by Dr Roland Bourdeix and Dr Alexia Prades of CIRAD, which will be formally launched at the Asian and Pacific Coconut Community 48th COCOTECH meeting in Bangkok 20–24 August 2018. An implementation plan will be discussed at a COGENT side meeting on 25–26 August....

Livestock

Strategies Being Targeted To Boost Dairy and Livestock Production By [Chris Patterson](#) Jamaica Information Service (JIS), August 6, 2018 <https://jis.gov.jm/strategies-being-targeted-to-boost-dairy-and-livestock-production/>

Industry, Commerce, Agriculture and Fisheries Minister, Hon. Audley Shaw, says the Ministry is targeting the implementation of several strategies intended to boost Jamaica's livestock and dairy industries, to enable the country to become more self-sufficient in these areas.

He said the strategies aim, over time, to reduce imports and improve the country's beef, goat meat (chevon) and milk production.

"We are going to have to import embryos and we are going to have to find clean disease-free cattle to import calves into Jamaica, so that we can start to aggressively rebuild the beef industry and the dairy industry," he said....

Government seeks private investors for Aripo Station. Government of the Republic of Trinidad and Tobago, August 6, 2018

<http://www.news.gov.tt/content/government-seeks-private-investors-aripo-station#.W3R6xbgpCM8>

Minister of Agriculture Clarence Rambharat today announced an ambitious plan to revamp local livestock farming through a number of public-private partnerships, beginning with a project to modernise the 1,176-acre Aripo Livestock Station where for more than a decade, production of meat, dairy and breeding stock has fallen to inconsequential levels amid surging imports.

The decision to explore private sector interest in developing a modern farm at Aripo follows a review of the physical and human resources devoted to local livestock production and the policy framework that governs the sector.

Among its findings, the review cited deficiencies in the technical capacity of the Ministry of Agriculture, Land and Fisheries and in the supply of breeding stock to support the sector's expansion. It also pointed to aggressive free market conditions that saw livestock imports jump 210 percent over the past 20 years.

Public-private partnerships are a key driver of Minister Rambharat's development plans precisely because they help to unlock the full potential of national assets like the Aripo Station.

“By joining forces with the private sector we can fast-track the rehabilitation of the livestock industry using innovative approaches, Rambharat said. “Private funds also mean accountability because investors want a return on their investment.”

The ministry formally invited expressions of interest in the Aripo project in a newspaper advertisement published Monday. According to the guidelines, government is seeking partners with the capital, technology and experience to transform the Aripo Livestock Station into a major source of affordable large-ruminant breeding stock—weaned heifers and bulls for the most part—for local farms.

By leveraging capital and innovation to enhance breeding stock supply at Aripo, small-scale farms could become competitive again.

The new operation is also expected to become a significant producer of milk and beef in line with environmental best practices.

The Aripo Livestock Station sits on approximately 1,176 acres of land including forest reserve, pastures, roadways, pens and paddocks. Home, at this time, to 202 dairy cattle, 40 beef cows, 128 water buffaloes and 88 sheep, it has the potential to be one of the country’s foremost livestock facilities.

Minister Rambharat expects the sheer magnitude of the site is enough to alert private sector investors to its commercial potential. Interested parties must deposit proposals in the ministry’s tender box at its Chaguanas head office by 2 p.m. on Sept. 6, 2018.

The Tanzanian livestock master plan: A conversation with Barry Shapiro by [David Aronson](#), International Livestock Research Institute (ILRI), [9 Aug 2018](#)

<https://news.ilri.org/2018/08/09/the-tanzanian-livestock-master-plan-a-conversation-with-barry-shapiro/>

Barry Shapiro is a senior livestock development advisor at the International Livestock Research Institute (ILRI) and team leader for the development of livestock master plans in Ethiopia, Tanzania, and Rwanda

EXCERPT

... **David:** That sounds complicated. What goes into the production of a master plan?

Barry: First of all, what we do is help the government identify its development objectives, to verbalize and prioritize those. Once we have that, then we look for the most reliable secondary sourced data. That means existing data—we don’t collect data to do this job. Then using what’s called the Livestock Sector Investment Policy Toolkit (LSIPT), we develop a dynamic herd model and an economic sector model on top of that. And we use those models to do a 15-year sector analysis, an analysis of the current situation of the sector and its potential for further development, modernization, transformation, and so on, over 15 years. This gives us a livestock sector strategy, what we call a livestock sector analysis. With that *long-term vision of the sector*, we develop an implementation plan for the next five years, which we call the livestock master plan, or the five-year livestock sector investment plan....

Download the [Tanzania livestock master plan](#)
<https://cgspace.cgiar.org/handle/10568/92405>

Citrus Greening Disease

UF/IFAS Research: Control of Citrus Flush Timing Could Improve Psyllid Control By Tom Nordlie.

University of Florida Institute of Food and Agricultural Sciences, 7 August 2018

<http://blogs.ifas.ufl.edu/news/2018/08/07/uf-ifas-research-control-of-citrus-flush-timing-could-improve-psyllid-control/>

2017-2018 FLORIDA CITRUS PRODUCTION GUIDE: **Asian Citrus Psyllid and Citrus Leafminer** by P.A. Stansly, J. A. Qureshi, and L.L. Stelinski and M.E. Rogers

<http://www.crec.ifas.ufl.edu/extension/pest/PDF/2017/ACP%20and%20Leafminer.pdf>

2017-2018 FLORIDA CITRUS PRODUCTION GUIDE: **Huanglongbing (Citrus Greening)** by M.M. Dewdney, M.E. Rogers and R.H. Brlansky

<http://www.crec.ifas.ufl.edu/extension/pest/PDF/2017/Huanglongbing.pdf>

Plant Treaty's Multilateral System of Access and Benefit Sharing

A decision-making tool for countries to implement the Multilateral System of Access and Benefit Sharing. Bioversity International, 06/08/2018

<https://www.bioversityinternational.org/news/detail/a-decision-making-tool-for-countries-to-implement-the-multilateral-system-of-access-and-benefit-shar/>

The International Treaty on Plant Genetic Resources for Food and Agriculture (Plant Treaty or ITPGRFA) is one of the most important achievements of the international community in the last decades. It recognizes the crucial importance of plant genetic resources for ensuring food and nutrition security, and puts in place mechanisms that facilitate international cooperation for the conservation, exchange and sustainable use of crop and forage diversity, and for sharing benefits derived from the use of those resources. Among these mechanisms, the Plant Treaty's Multilateral System of Access and Benefit Sharing creates a virtual pool of plant genetic resources available at no cost for research, breeding and training activities in all countries that are parties to the Treaty....

...The most recent product of the Joint Capacity Building Programme is a [decision-making tool for national implementation of the Multilateral System](#) published by Bioversity International.

The tool is designed to assist national-level policy actors to identify appropriate measures to implement the Multilateral System within their country, taking into consideration the fact that a growing number of countries that are Contracting Parties to the Plant Treaty are also parties to the Convention on Biological Diversity's Nagoya Protocol* on access and benefit sharing....

.. Joint Capacity Building Programme (2018). **Decision-making tool for national implementation of the Plant Treaty's multilateral system of access and benefit-sharing.** Bioversity International, Rome, Italy.

<https://www.bioversityinternational.org/e-library/publications/detail/decision-making-tool-for-national-implementation-of-the-plant-treatys-multilateral-system-of-access/>

Climate Change

CCCCC and the IAEA sign 'Practical Arrangement' in Vienna, Austria. Caribbean Community Climate Change Centre (CCCCC), August 8, 2018

<http://www.caribbeanclimate.bz/cccc-and-the-iaea-sign-practical-arrangement-in-vienna-austria/>

VIENNA, August 8, 2018: The Caribbean Community Climate Change Centre (CCCCC) and the International Atomic Energy Agency (IAEA) signed an agreement to pursue areas of technical cooperation in the use of nuclear science and technology to combat climate change in the Caribbean, at the headquarters of the IAEA in Vienna, Austria on August 8.

The Practical Arrangement provides the framework for collaboration to address challenges faced by the Member States of both organisations and as Small Island Developing States in meeting the mitigation and adaptation challenges of climate change. Signing the agreement were Executive Director of the CCCCC Kenrick Leslie and Ms Najat Mokhtar Director, Technical Cooperation Department, Division of Asia and the Pacific, representing Dazhu Yang, Deputy Director General.

The Caribbean Community Member States that are party to the IAEA as well as the Caribbean Regional Fisheries Mechanism (CRFM), the Caribbean Public Health Agency (CARPHA) and the Caribbean Agricultural Research and Development Institute (CARDI) are also meeting at the IAEA Headquarters to work out the details on a technical cooperation programme that would use nuclear science and technology to build climate resilience within the region.

During the meeting participants are exposed to the work of the IAEA in the areas of food and agriculture, the marine environment, energy planning and water resource management. The participants are also scheduled to visit the Isotope Hydrology Lab and the Seibersdorf-based Agriculture and Biotechnology labs.

The IAEA helps countries to use nuclear science and technology to monitor emissions and environmental changes to the ocean and ecosystems, mitigate sources of greenhouse gas emissions from energy production and land use, and adapt to new climate realities including food and water shortages and ecosystem losses.

The CCCCC is the responsible agency within the Caribbean Community to assist the Member States to mitigate and adapt to the challenges of climate change.

Foreign Affairs Minister Welcomes Launch of Caribbean Climate-Smart Accelerator

By [Latonya Linton](#). Jamaica Information Service (JIS), August 10, 2018

<https://jis.gov.jm/foreign-affairs-minister-welcomes-launch-of-caribbean-climate-smart-accelerator/>

Minister of Foreign Affairs and Foreign Trade, Senator the Hon. Kamina Johnson Smith, has welcomed the launch of the Caribbean Climate-Smart Accelerator Programme.

She said the initiative reflects the region's determination to make the Caribbean the first climate smart zone, in pursuant of the first of 12 international commitments emanating from the One Planet Summit held in Paris in December 2017.

Senator Johnson Smith was speaking at the official launch of the accelerator at The University of the West Indies (UWI), Mona campus, on August 9.

The Foreign Affairs and Foreign Trade Minister noted that as citizens of small-island developing states, and inhabitants of the second most disaster-affected region in the world "our dependence on key economic and climate sensitive sectors, such as tourism, agriculture and fisheries, brings our vulnerability into sharp focus."

“It is for this reason that building resilience must be of the highest priority for the Caribbean community. The accelerator is therefore a most timely venture and will respond to the innovative approaches which CARICOM Heads called for at their meeting in Montego Bay just last month,” she said.

She argued that the region’s experience with natural disasters, reflected in gross domestic product (GDP) loss, infrastructural damage, and the impact on lives and livelihoods “dictate loudly why we must build and build back better and stronger.”

Senator Johnson Smith said that the accelerator programme should benefit from the results of last year’s Caribbean Action 2030: Regional Conference on Sustainable Development Goals (SDGs), which was held at the Mona campus of The UWI.

“We created an important regional space to collectively monitor and evaluate the implementation of the SDGs and I’m confident that the results of that conference will directly complement the initiative being launched today,” Senator Johnson Smith said.

So far, some 26 countries and more than 40 partners have joined the accelerator, which seeks to transform the region’s economy by fast-tracking sound public and private investment opportunities that support climate solutions for resilience, social development and broad-based growth for the Caribbean.

The climate-smart zone will not only protect the region but create jobs and a new economy in climate-smart infrastructure.

Core partners include the Inter-American Development Bank (IDB), the World Bank, CARICOM, and the Organization of Eastern Caribbean States (OECS).

Over the next five years, the accelerator will create the right environment for private and public funds to flow into investments in clean energy, building resilience and climate-smart cities and healthy oceans.

The IDB partners with the Caribbean Climate-Smart Accelerator to build the first climate-smart zone. [The Inter-American Development Bank \(IDB\)](#), August 9, 2018

<https://blogs.iadb.org/caribbean-dev-trends/2018/08/09/idbs-us1billion-commitment-to-climate-smart-investments/>

EXCERPT

... [The Inter-American Development Bank \(IDB\)](#) announced that it will partner with Governments and the private sector to program and implement the additional \$1 billion in funds that it pledged for climate smart-investments across the Caribbean region at the Paris One Planet summit on December 12, 2017. This additional funding will build on an existing portfolio of over \$200 million to support innovative solutions focusing on low carbon emissions, sustainable infrastructure, and energy efficiency projects in the wake of natural disasters, drawing from low-cost blended finance and contingent credit facilities. In addition, the IDB will provide \$3 million as start-up funds to help get this important initiative successfully up and running, with the first \$1.5 million available this year.

With the help of [the IDB Group](#), the Caribbean region is working to increase its resilience to [climate change](#) not only by enhancing its adaptive capacity to respond across the region but by also (1) advancing the region’s policy framework for confronting climate and natural disaster risks and by developing a public and private investment framework for investing in resilient infrastructure. The proposal also focuses on: (2) supporting and financing the Caribbean Climate Smart Accelerator together with the World Bank; (3) developing a Sustainable Islands Platform that will support both SIDS and islands belonging to continental countries; (4) supporting

domestic private sector markets needed to bring forward the technology, (5) exploring providing new Climate Risk Insurance and Resiliency instruments; (6) updating its package of instruments where necessary, including providing more flexible and innovative financing solutions, while enhancing policies for accessing them; and (7) advancing analytical work to bring greater clarity to the economic, social, and environmental implications that changing climate patterns have on human development, including dimensions of gender and youth....

Caribbean Climate-Smart Accelerator Programme.

<https://www.caribbeanaccelerator.org/>

Soil and Water

A workshop entitled “A Participatory Approach for Developing an Integrated Water Resource Plan (IWRP) for the Agricultural Sector of Trinidad and Tobago;

Trinidad and Tobago. [Ministry of Agriculture, Land and Fisheries](#), 7 August 2018

<https://www.facebook.com/AgricultureTT/posts/1489200074514879>

A workshop entitled “A Participatory Approach for Developing an Integrated Water Resource Plan (IWRP) for the Agricultural Sector of Trinidad and Tobago is currently taking place at the Engineering Division of the Ministry of Agriculture, Land and Fisheries (MALF).

The four-day workshop is being hosted by the Inter-American Institute for Cooperation on Agriculture (IICA) in collaboration with the Engineering Division of the Ministry of Agriculture, Land and Fisheries; and is being facilitated by Dr Chaney St. Martin, IICA International Specialist in Water and Soil Management, and Mr. Tzuki Deutsch, an expert from the Galilee International Management Institute in Israel.

During his address at the opening ceremony on Monday 6th August, Senator the Honourable Clarence Rambharat, Minister of Agriculture, Land and Fisheries, said the topic at hand is a very important one, since water management was among the priorities he had set for the Ministry. He indicated that water is indeed a very scarce resource that needs to be properly managed. He said that he hoped the ensuing discussions will also focus on the quality of water especially with the challenge of pesticide and other residues faced by farmers.

It is expected that the staff of the Engineering Division will be empowered and better capable of developing an IWRP using the participatory approach. The workshop ends on 9th August.

Agricultural Development – Belize, Jamaica

Ministry of Agriculture Holds over the Central American Agricultural Council Pro Tempore Presidency. Ministry of Agriculture, Belize, August 8, 2018

<https://www.agriculture.gov.bz/ministry-of-agriculture-holds-over-the-central-american-agricultural-council-pro-tempore-presidency/>

The Ministry of Agriculture is currently holding over the Central American Agricultural Council Pro Tempore Presidency from July to December 2018. The Ministry of agriculture is a member of the Central American Agricultural Council (CAC in Spanish) as one of the sub-organs of the Regional system for Economic Integration.

Through this framework, the Central American Agricultural Council entered a new phase of institutional development from April 2017 under the SE-CAC (Executive Secretariat-CAC). The commitment of the Ministers of Agriculture was manifested in decisions that sought to increase the ownership of the countries by the regional forum, increase the effectiveness of the Council and provide the necessary financial, technical and political instruments to achieve its purposes.

In the political sphere, the commitment of the Ministers is acknowledged, expressed through active participation in meetings and actions, and efforts to provide the necessary contributions to guarantee the financial health of the Council. In the technical field, the definition of an annual work plan, the continuity that each Pro Tempore Presidency (PPT) has given to priority issues and the strengthening of regional technical bodies have allowed generating better proposals and consolidating products that add value to national actions.

The Central American Integration System (SICA) is the institutional framework for the regional integration of Central America and has the objective of constituting it as a region of peace, freedom, democracy and development.

In the institutional framework, important steps have been taken to guarantee the independence of the Council, in accordance with the mandates of the Heads of State and Government and in full compliance with the legal norms of the Central American Integration System.

Prime Minister Holness Encourages Heightened Manufacturing of Exotic Agricultural By-Products

By [Alecia Smith](#) Jamaica Information Service (JIS), August 6, 2018

<https://jis.gov.jm/prime-minister-holness-encourages-heightened-manufacturing-of-exotic-agricultural-by-products/>

Prime Minister, the Most Hon. Andrew Holness, says he wants to see samples of exotic products, such as cassava flour and ackee wine, being manufactured on a wider scale in order to add greater value to the agricultural sector.

“What I want now is for the Ministry of Industry, Commerce, Agriculture and Fisheries to take those samples and turn them into widely available commodities that are on the shelves of, not just Jamaica, but the entire (Caribbean) region and the world, because that is how we add value and grow our economy,” he said.

The Prime Minister was speaking on the final day of the 66th Denbigh Agricultural and Industrial Show in Clarendon on Monday (August 6).....

Food and Nutrition Security

There can be no sustainable development without profound changes in food systems. CIRAD, 08/08/2018 - Press release

<https://www.cirad.fr/en/news/all-news-items/press-releases/2018/transforming-food-systems-for-sustainable-development>

Food systems are situated at the crossroads between the many issues and contradictions surrounding sustainable development: food and nutritional security, human and ecosystem health, natural resource renewal, climate change, territorial dynamics, political stability, and social justice. An international group of experts, including researchers from CIRAD, is calling for profound changes in food systems in order to meet the sustainable development goals (SDGs) set by the UN in 2015, and the terms of the Paris Agreement on climate. The authors propose a four-pillar strategy....

Reference

P. Caron, G. Ferrero y de Loma-Osorio, D. Nabarro, E. Hainzelin, M. Guillou, I. Andersen, T. Arnold, M. Astralaga, M. Beukeboom, S. Bickersteth, M. Bwalya, P. Caballero, B. M. Campbell, N. Divine, S. Fan, M. Frick, A. Friis, M. Gallagher, J.-P. Halkin, C. Hanson, F. Lasbennes, T. Ribera, J. Rockstrom, M. Schuepbach, A. Steer, A. Tutwiler & G. Verburg (2018). **Food systems for sustainable development: proposals for a profound four-part transformation**, *Agronomy for Sustainable Development*.

Youth

‘Become your own boss’ – Min. Norton urges new agro-processing graduates. DPI, Guyana, Friday, August 10, 2018

<http://dpi.gov.gy/become-your-own-boss-min-norton-urges-new-agro-processing-graduates/>

Minister of Culture, Youth and Sport, Dr. George Norton today encouraged graduates from the Guyana School of Agriculture (GSA) to use their newly gained knowledge to become their own bosses.

The minister was at the time delivering remarks at the Agro-Processing training programme’s closing ceremony at GSA, Mon Repos, East Coast Demerara. The four-day programme saw 27 students from Regions Three, Four, Five, Six, Eight and Ten graduate with knowledge in food quality labelling, packaging and preservation. It was a collaborative effort between GSA and the Ministry of Presidency’s Office of Youth Empowerment....

Ministry of Agriculture Concludes its Regional Summer Camp for Youths Engaged in Agriculture.

Ministry of Agriculture, Belize, August 8, 2018

<https://www.agriculture.gov.bz/ministry-of-agriculture-concluded-its-regional-summer-camp-for-youths-engaged-in-agriculture/>

[Gov’t Targeting Increased Benefits for Greater Youth Involvement in Agriculture](#) By [Chris Patterson](#)

Jamaica Information Service (JIS), August 6, 2018

<https://jis.gov.jm/govt-targeting-increased-benefits-for-greater-youth-involvement-in-agriculture/>

Industry, Commerce, Agriculture and Fisheries Minister, Hon. Audley Shaw, says young people involved in farming will be able to utilize the proposed agro-processing facility to be developed at the old Agricultural Marketing Corporation (AMC) complex on Spanish Town Road, Kingston.

He said young farmers will, among other things, be able to utilize the facility to further hone and develop their skills.

Mr. Shaw was speaking during the opening ceremony for the Youth in Agriculture Village at the 66th Denbigh Agricultural, Industrial and Food Show at the Denbigh showground in Clarendon on August 4.

The Ministry is spearheading the transformation of the complex, which is situated on approximately nine acres of land and was previously used to process and package local produce for domestic distribution and export.

Mr. Shaw assured that the Government remains committed to finding solutions to challenges within the sector that will redound to the benefit of stakeholders, particularly the youth.

He noted that the sector grew by 17 per cent in the last quarter, ending June 30, and encouraged more young people to get involved in farming.

“There are many opportunities... and I say to young people, I want you to focus on agriculture. I want our young people to know that the Government is fully behind you. We’re going to be supportive of you. We’re going to find ways to help you,” he said.

Meanwhile, Mr. Shaw advised that the Ministry plans to develop and implement strategies aimed at further developing the coconut, coffee and ganja subsectors.

He also commended the Jamaica Agricultural Society (JAS) for organizing the Youth in Agriculture Village.

The event, which was staged under the theme: 'Youth in Agri-Business: Sustaining the Environment', aimed to encourage and highlight young people in agriculture.

Meanwhile Executive Director, Jamaica 4-H Clubs, Dr. Ronald Blake, indicated that over the past two years, three of every four local farmers who were registered, were below age 49.

He noted that there are many benefits which young people can derive by joining the sector, including introduction and access to technology.

"What we have seen is that there is a correlation between the youthfulness of a farmer and the ability to take up technology. If technology is employed, then you are talking about efficiency and that's when we talk about productivity. If you have high levels of productivity, then the production that we seek to grow this economy is going to (materialize)," the Executive Director contended.

Dr. Blake further emphasized that the 4H Clubs movement continues to be the engine of what is required to further underpin the future of Jamaica's agriculture sector.

Additionally, he said countering the effects of climate change remains a local and global imperative.

"Climate resilience measures... eco-based adaptation systems are what must occasion everybody who has the interest of the sector at heart," Dr. Blake added.

The 66th staging of the Denbigh Agricultural, Industrial and Food Show was held under the theme: 'Grow What You Eat...Eat What You Grow: Agriculture Securing our Future'.

The event, which commenced on Saturday, August 4, will conclude on Independence

UPCOMING EVENTS

August

Coconut Industry Development for the Caribbean. Entomological Risk Mitigation Workshop for Small Coconut Producers

Date: 20 August 2018

Location: Point-a- Pierre, Trinidad, Republic of Trinidad and Tobago

<http://www.cardi.org/blog/entomological-risk-mitigation-workshop-for-small-coconut-producers/>

September

International conference on agricultural emissions and food security: Connecting research to policy and practice

Date: 10-13 September 2018

Location: Berlin, Germany

Website: <https://www.agrighg-2018.org/>

<https://ccafs.cgiar.org/international-conference-agricultural-emissions-and-food-security-connecting-research-policy-and#.W2xeCbgpCM8>

October

Caribbean Week of Agriculture

Date: 8-12 October 2018

Location: Barbados

Theme "Strengthening agriculture for a healthier future in the Region".

Website: <https://cwa2018.caricom.org/>

18th International Triennial Symposium of the ISTRC (International Society for Tropical Root Crops) will be in Cali, Colombia from 22nd to 26th October 2018.

<http://www.istrc.org/194-18th-international-triennial-symposium-of-the-international-society-for-tropical-root-crops-istrc-cali-colombia-from-22nd-to-26th-october-2018>

November

2018 International Annual Meeting, "Enhancing Productivity in a Changing Climate," of The American Society of Agronomy, the Crop Science Society of America, and the Canadian Society of Agronomy

Date: 4-7 November, 2018

Location: Baltimore, Maryland, USA

Website: <https://www.acsmeetings.org/>

FAO International Symposium on Agricultural Innovation for Family Farmers: Unlocking the potential of agricultural innovation to achieve the Sustainable Development Goals

Date: 21 to 23 November 2018

Location: Rome, Italy

Website: <http://www.fao.org/about/meetings/agricultural-innovation-family-farmers-symposium/en/>