



CRIN Herald

A MONTHLY PUBLICATION OF COCOA RESEARCH INSTITUTE OF NIGERIA (CRIN), IBADAN.

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New Year Greetings from ED CRIN



As we welcome the New Year, I want to express my deepest gratitude for your contributions.

Together, we have achieved incredible milestones, and I'm excited for what we'll accomplish this year. Thanks to your efforts, we have broken down barriers, created opportunities, and generated tangible results. Your continued support inspires us to reach

greater heights.

This New Year is a fresh start on the calendar, full of hope and potential. It is a new beginning for a new dawn in life. The New Year is a perfect time to reflect on the journey and set new goals. It's a time when we reflect with gratitude on the past and set our hopes and intentions for the days ahead. The New Year gives us an opportunity to reinvigorate our enthusiasm for our dreams. Let us set and achieve better results this year in CRIN. Let us work together to overcome any obstacles that may arise and have a fantastic year together - Dr. Patrick Adebola.



CRIN Marks Diamond Jubilee



The Cocoa Research Institute of Nigeria (CRIN) clocked 60 years on December 1, 2024. It was a significant milestone in the history of the Institute. The event was a celebration of six decades of dedication to advancing cocoa, cashew, coffee, kola and tea research, development, and innovation. Since 1964, CRIN has been at the forefront of cocoa research, providing cutting-edge solutions to the cocoa industries in Nigeria. According to the Executive Director of the Institute, Dr. Patrick Adebola, "our journey has been marked by ground-breaking discoveries, innovative technologies, and collaborative partnerships." Today, we stand proud as among the leading institutions in cocoa research, with a legacy of excellence that spans generations. To mark the anniversary, the Institute embarked on Health Walk, Thanksgiving Services, Anniversary Lecture, Book Launch, Awards and Honours.

We succinctly captured all these events in this edition of our most read monthly newsletter, CRIN Herald.





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Health Walk

On Thursday December 5, 2024, the Management and Staff of the Institute stormed the major city of Ibadan with Health Walk to create awareness of the event. The exercise which terminated at Cocoa House, Ibadan was led by the ED, Dr. Patrick Adebola, and other management staff.



At the Cocoa House, the mammoth crowd was welcomed by Mr. Ade Ajayi, the representative of the Odu'a Investment Company Limited. He commended the Institute for the giant strides recorded in research and development, most especially, on cocoa. He noted that Cocoa House was built through revenue generated from cocoa. He encouraged farmers and other stakeholders to invest in research.



In his remarks, the ED CRIN, Dr. Patrick Adebola, emphasised the significant impact of cocoa on the country's economy, noting the increase in cocoa prices and its essential role in the agricultural sector. He equally encouraged





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young people to consider agriculture as a profitable venture and stressed the need for collaboration with organizations like Odu'a Investment Company Ltd. Furthermore, he averred that Cocoa House symbolises the viability of cocoa in the 60s and stated that the anniversary is celebrated to showcase the innovations of CRIN as well as the importance of cocoa to the economy of the country. He added that in the present economy of Nigeria, cocoa is one of the highest agricultural produce today, because as at January, a ton of the produce was ₦1.8 million but goes for ₦12 million at present. Hence, cocoa is very important to the economy of Nigeria and still remain number one in terms of GDP for the country.

Thanksgiving Services

In appreciation of the benevolence of God Almighty, the Muslim and Christian religious adherents offered praises and prayers to God on Friday 6 and Sunday 8 December, 2024, respectively, for the Institute. The events attracted Imams and Clergymen as well as sonorous songs from choral groups.



CRIN 60th Anniversary Jumat Service





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CRIN 60th Anniversary Sunday Service

Anniversary Lecture



The anniversary lecture titled: **Tree Crops Research for Development: Key to Nigeria's Economic Stability and Sustainability** was delivered by Professor O.C. Adebooye, Vice Chancellor, Osun State University, ably represented by Professor O.C. Nwoke. He disclosed that one of the

major appeals in investing in tree crops research for development is its potentials to diversify Nigeria's economy.

He emphasised the fact that tree crops are high-value commodities with growing global demand, particularly in the case of cocoa, cashew, coffee, tea and kolanuts. Nigeria cocoa, for instance, is highly valued in international markets yet the country's production lags due to outdated farming practices, poor quality seedlings, pests and diseases, and limited access to markets. Prof. Adebooye opined that Nigeria can strengthen its position as a leading exporter of tree crop products. This shift would generate substantial foreign exchange earnings, reduce dependents on oil revenue, and create resilient income sources for millions of farmers.



Earlier in his welcome address, the ED CRIN, Dr. Patrick Adebola, beaming with joy, highlighted the Institute's research achievements over the past six decades in the

production of cocoa, cashew, kola, coffee, and tea. He reaffirmed the institute's commitment to driving agricultural innovation, leveraging science and technology, and improving farmers' livelihoods. He also announced CRIN's readiness to embark on research into black plum. He noted that at CRIN, our research has transcended traditional crop development, venturing into innovative value addition. Our Institute has added value to cocoa and created new products for local consumption and export. We have processed cocoa beans into various products such as chocolate, cocoa butter, cocoa powder, cocoa wine, choco bread, cocoa custard, soy chocolate, chocolate spread, and chocolate





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chocolate yoghurt, among others. Also, we have converted cocoa and other mandate crops' by-products into valuable products. Our Institute's innovations have provided additional income streams for farmers, supported small and medium enterprises, and contributed to the nation's economic diversifications. He pledged that CRIN will continue to lead the charge in agricultural innovation, leveraging science and technology to enhance productivity, promote sustainability, and improve the livelihoods of farmers nationwide. The ED CRIN, Dr. Patrick Adebola, in conclusion, disclosed that he is confident that the legacy we have built over the past 60 years will serve as a strong foundation for even greater achievements in the decades to come.

Goodwill Messages

The Institute's 60th anniversary attracted several dignitaries from all walks of life with goodwill messages too numerous to report without leaving others. These included past Executive Directors of the Institute, Director General, Executive Directors and Chief Executive Officers of several research institutes, representatives of international organisations, partner organisations and sustainability companies, traditional rulers, agrochemical dealers, processors, farmers and heads of farmers' organisation.

The Honourable Minister of Agriculture and Food Security, Senator Abubakar Kyari CON was ably represented by the South West Zonal Director of the Ministry, Mrs. Olayinka Akeredolu, while the Executive Secretary, Agricultural Research Council of Nigeria (ARCN), Prof. Garba Hamidu Sharubutu mni was represented at the occasion by the Director, Extension and Socio-Economics Department, Professor Bello Zaki Abubakar. Oyo State Governor, Engr. Seyi Makinde, was represented by the Special Adviser on Budget and Economic Planning, Mr. Simeon Oyeleye, while the Ondo State Commissioner for Agriculture and Forestry, High Chief

Olayajo Aribio, was represented by the Executive Secretary of Cocoa Revolution and Management Agency, Mr. Omolakin Anthony.

All the dignitaries took turns to laud the Institute's contributions and giant strides to Nigeria's agricultural development and significant contributions to Gross Domestic Product (GDP) of our nation over its 60 years of existence. Also, they commended the robust and sterling leadership style of the ED CRIN, Dr. Patrick Adebola, management and staff of the Institute for laudable breakthroughs and capacity building of farmers through our research and development initiatives towards sustainable production.

Book Launch



The high point of the occasion was the launch of the book in commemoration of the 60th anniversary ceremony of the Institute. The 579-page book was titled: Tree Crops Research for Sustainable Nigerian Economy. The well-packaged book was first launched by His Royal Majesty Oba Dokun Thompson Gureje IV, The Oloni of Eti-Oni, Osun State, Nigeria. This was followed by other dignitaries who took turns to launch the anniversary book.



Anniversary book launch and display by some of the dignitaries





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Honours and Awards

Distinguished individuals, organisations and sustainable companies were presented with award of excellence and certificates in recognition of their outstanding contributions to Cocoa Research and Development. The Award of Excellence is the highest honour bestowed by the Institute to acknowledge remarkable achievements and contributions to the cocoa sector. Present and past Executive Directors/Directors of the Institute were awarded in appreciation of their meritorious service to the Institute, while representatives of deceased Heads of the Institute received posthumous award on their behalf. The prestigious award is a testament to their hard work, perseverance, and passion for the sector. The Institute was grateful for their contributions and proud to recognize their achievements.



Prof. Abubakar receiving the award on behalf of the Executive Secretary of the ARC/N



ED CRIN, Dr. Adebola displaying his award



Mrs. Akereolu receiving the Hon. Minister of Agric. & Food Security award on his behalf



HRM Oba Dokun Thompson receiving the award in company of his Queen



Formal presentation of award to the Hon. Minister





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Dr. Awolumate displaying his award in company of his wife



ED CRIN, Dr. Adebola awarded and conferred on with Fellow by the International Association of Research Scholars and Administrators (IARSA)



A cross section past Executive Directors (ED) and other awardees present at the event



Cross section of dignitaries at the event





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The cutting of the anniversary cake



Cultural displays



Exhibition stands at the event





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RIGAN Games Hosted By CRIN

The 18th edition of Research Institutes Games Association of Nigeria (RIGAN) was hosted by the Institute from 6th to 11th December, 2024. The occasion attracted 30 Research Institutes, who competed for medals in indoor and outdoor games. The outdoor games include athletics, football, volleyball and basketball, while indoor games were scrabble, chess, billiard, dart and "ayo". The aim, according to the ED CRIN, Dr. Patrick Adebola, is to bring together the various Research and Development Institutes in Nigeria through sporting activities to foster unity, collaborations and exchange of ideas among the entire Institutes.



Kick off by Dr. Patrick Adebola, flanked by Mutiu Adepaju

As averred by the former Super Eagles player, Mutiu Adepaju, who was physically present during the opening ceremony at the Obafemi Awolowo Stadium Ibadan, Oyo State, the Federal Government and other agencies should promote sports development as a means of discovering new talents that can make the country proud in the future. The headmaster, as he was fondly called, stated that sports, apart from promoting unity and friendship, is also a means of improving one's health status and physical fitness. In his welcome speech at the event, the National President of RIGAN, Professor Oluwaferanmi Fortune Owolade identified funding as a major setback in putting the programme together due to its non-inclusion in the annual

budget of the Federal Ministry of Sports. RIGAN comprises 30 Research and Development (R&D) Institutes under the Federal Ministry of Agriculture and Food Security, Science and Technology, Health, Transport, Education, Environment, Youth and Sports. The opening football match between CRIN vs ARMTI ended 1-0 in favour of CRIN.



Members of CRIN management at the event

Outdoor Games



Highlights of football events





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Indoor Games



Volleyball



Chess



Track & fields



Ayo



Billiard



Basketball



Dart





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Draft



Award of Medals



Scrabble



Supporters and Spectators



Victorious CRIN Basket Ball Team





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Highlights of award presentation

Health News

Heart Failure – Mrs. Bosede Famaye



Heart failure occurs when the heart muscle is unable to pump blood effectively. This can cause blood to back up, leading to fluid buildup in the lungs and shortness of breath. Certain heart conditions can gradually weaken or stiffen the heart, making

it harder to fill and pump blood properly. These conditions include narrowed arteries in the heart and high blood pressure. Symptoms may develop slowly, sometimes, heart failure symptoms start suddenly. Symptoms include: Shortness of breath with activity or when lying

down, Fatigue and weakness, Swelling in the legs, ankles and feet, Rapid or irregular heartbeat, Reduced ability to exercise, Wheezing, A cough that doesn't go away or a cough that brings up white or pink mucus with spots of blood, Swelling of the belly area, Very rapid weight gain from fluid buildup, Nausea and lack of appetite, Chest pain if heart failure is caused by a heart attack. It is very important to see one's doctor for medical checkup if one is experiencing any of the symptoms analysed above. Heart failure is a life threatening condition.

The diagnosis of heart failure includes: Physical examinations and symptoms presented, Tests such as Blood tests, Chest X-ray, Electrocardiogram (ECG or EKG), Exercise tests or stress tests, CT Scan of the heart, Heart MRI scan, Myocardial biopsy are mandatory.

While heart failure can be life-threatening, proper treatment can improve symptoms and potentially extend lifespan. Lifestyle changes can significantly enhance quality of life, and may include achieving weight loss, engaging in regular exercise, reducing salt intake, and practicing effective stress management. In severe cases, heart failure may require more intensive treatment such as heart transplant or implantation of a device to assist the heart in pumping blood.

Market Survey

This report presents an overview of cocoa prices across selected states for December 2024. Data were gathered from various cocoa-producing regions within these states, and average prices were calculated accordingly. In December, cocoa prices experienced an upward trend in all surveyed states. Cross River State recorded the most significant increase, with prices rising by approximately 30% compared to the previous month. Conversely, Oyo State saw the smallest increase at around 13%





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The highest average cocoa price was noted in Osun State, where it reached ₦13,500, while Abia State reported the lowest average price at ₦11,100. It is also noteworthy that cashew is currently in its off-season, and no price data were available for this commodity in December.

player and has represented the Institute in various RIGAN games. He won gold in Chess (Blitz Category) at NIFOR 2011 RIGAN games and won bronze in the same category in the just concluded RIGAN games hosted by CRIN. He is happily married with children.

COCOA COST PER KG (LOCAL PRICE)			
State	Minimum price(₦)	Maximum price (₦)	Average price (₦)
Abia	11000	11200	11100
Cross River	13000	13200	13100
Kogi	13000	13500	13250
Kwara	12000	12500	12250
Ondo	13000	13500	13250
Osun	13500	13500	13500
Oyo	12500	12800	12650

January Birthday Galore

Hearty birthday celebrations to the members of staff that will be celebrating their birthdays this month. Wishing you all the very best in your life endeavours. Congratulations!



Source: CRIN Survey, 2024
Economics and Statistics Sections

- | | |
|----------------------------|-------|
| Adepoju Odunola Adedayo | 1-Jan |
| Alade Gboyega | 1-Jan |
| Agomu Ogeyin | 1-Jan |
| Ehimika Ketu | 1-Jan |
| David Omoha | 1-Jan |
| Gbadamosi Mufutau Ayobami | 1-Jan |
| Manasseh B. Andriya | 1-Jan |
| Nifu Yahaya | 1-Jan |
| Ogunsanya Florence Olusola | 1-Jan |
| Olaosebikan Agnes Olayinka | 1-Jan |
| Oyewole Olaoluwa | 1-Jan |
| Salaudeen Adedayo | 1-Jan |
| Saminu Hamisu A. | 1-Jan |
| Toiki Ojo | 1-Jan |
| Chibou Oluchi | 2-Jan |
| Oboh Roland Sunday | 2-Jan |
| Oladipo Kayode David | 3-Jan |
| Hammed Isimot Abimbola | 4-Jan |
| Kuforiji Emmanuel Olawale | 4-Jan |

Staff of the Month



Mr. Adekoya Olaolu was born on the 2nd day of April, 1978 in Lagos State. He is a native of Ijebu Igbo in Ogun State. He attended Command Children's School, Mile 2, Lagos, for his Primary Education and Baptist Boys' High School,

Abeokuta, for his Secondary Education. He later proceeded to The Polytechnic, Ibadan, for his OND and HND Certificates in Banking and Finance, and graduated in 2005. He was employed by the Institute on May 29th, 2009 as Higher Executive Officer (Accounts). He served as Ibeku Substation Accountant from 2013 – 2018 and has risen to the rank of Assistant Chief Executive Officer, Revenue Division in Finance and Accounts Department. He also doubles as the Institute's Budget Secretary. He is a chess





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Okonkwo Temitayo Omodele 4-Jan
Kuforiji Oluwatoyin 4-Jan
Ogenyi Simon 5-Jan
Opalua Pius 5-Jan
Quadri Bisiriyu Adekunle 5-Jan
Ayiba Patience Takon 6-Jan
Ogbechie Christopher John 6-Jan
Adeigbe Yemisi Tosin 7-Jan
Ganiyu Abu O. 7-Jan
Iheoma Chukwuebuka Victor 7-Jan
Matthew Samuel 8-Jan
Olaoye Atinuke Moriamo 8-Jan
Olawore Olutunde Sola 8-Jan
Egwumah Luggard 9-Jan
Adebiyi Oluwabukayomi S. 10-Jan
Bakare Rotimi 10-Jan
Oluwole Victor 10-Jan
Osho Ezekiel 10-Jan
Azoquo Echeng Isong 11-Jan
Jayeola Christiana Olayinka 11-Jan
Okojie Peter 11-Jan
Lawal Bose Janet 12-Jan
Oyebanjo Ayeyemi Omogbemi 12-Jan
Guma Joshua 14-Jan
Muritala Waheed 14-Jan
Ogunlusi Olayemi 14-Jan
Ahmed Sajoh Buba 15-Jan
Akinade Kazeem 15-Jan
Alu Friday 15-Jan
Echa Godwin Idagu 15-Jan
Orisajo Samuel 15-Jan
Oseghe Florence Jesughe 15-Jan
Oyebanjo Toyosi Oladele 15-Jan
Raheem Saheed 15-Jan
Unubi Attah Jeremiah 15-Jan
Adio Stephen Olukunle 17-Jan
Egbe Moses 17-Jan
Olulowo Oluwatoyin Patience 17-Jan
Somosu Olusola Atinuke 17-Jan
Adesanya Kehinde A. 18-Jan
Faniyi Jimoh Abiola 19-Jan
Numfor Peter 19-Jan
Mamza Albert 21-Jan
Oguntoye Kazeem 21-Jan
Ajayi Francis Abidemi 22-Jan

Tijani Akeem 24-Jan
Ajekigbe Oluwafemi 25-Jan
Olaleye Bidemi 25-Jan
Oyeneye Julius 25-Jan
Adeniyi Amudat Titilayo 26-Jan
Atoyebi Oluwatoyin 26-Jan
Okorue Fredrick Friday 26-Jan
Oseghale Godday 26-Jan
Animba Micheal 28-Jan
Oyedotun Toyin 28-Jan
Musa Suebat 29-Jan
Ojo John Olarewaju 30-Jan
Aboribo Roy Ochuko 31-Jan
Amwe Habu Audu 31-Jan
Ojo Motunrayo 31-Jan
Popoola Tosin 31-Jan

