

A large, multi-rotor drone is captured in flight against a bright blue sky filled with scattered white clouds. Below the drone, a dense field of tall corn plants stretches across the horizon. The scene is brightly lit, suggesting a sunny day.

ICRISAT Financial Statements

for the year ended
December 31, 2020



INTERNATIONAL CROPS RESEARCH
INSTITUTE FOR THE SEMI-ARID TROPICS

ICRISAT

Financial Statements

For the year ended December 31, 2020

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Statement of the Board Chair

One year and counting into the global health pandemic, the agriculture and farming families, as well as research leaders, are still challenged with competing issues in navigating its impact. Despite the restrictions put in place around the globe, ICRISAT continues to provide institutional support to its staff to manage their work as well as their work-life balance. Guidelines for staff to maintain Covid precautions have been provided, training sessions organized and the ICRISAT medical team continues to provide medical support. Staff continued critical activities to save the precious crop breeding lines, pathogen isolates essential for screening lines for disease and pest resistance and other research activities to assure a continuing delivery pipeline of technologies. Online platforms were extensively used for internal and external communication.

Significant new initiatives in 2020 include five major projects to be implemented over the next two to five years in the semi-arid dryland agroecologies of sub-Saharan Africa and South Asia.

These projects are –

- (i) Enhancing smallholder farmers' productivity, food and nutrition security in West Africa using high-yielding and nutritious sorghum and pearl millet hybrids and varieties (ESPHYV), funded by Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH;
- (ii) Restoring degraded landscapes for improving livelihood and nutritional security of the Particularly Vulnerable Tribal Groups (PVTG) in Odisha, funded by the Odisha PVTG Empowerment & Livelihoods Improvement Programme, Government of Odisha;
- (iii) Characterization of Chickpea Germplasm Resource to Accelerate Genomics-assisted Breeding in India, funded by the Department of Biotechnology, Government of India;
- (iv) USAID AVISA-Aligned Investment Implementation Plan, funded by USAID; and
- (v) Integrated Seed Sector Development – Sahel (ISSD/Sahel) funded by the Ambassador of the Netherlands in Niamey through the International Fertilizer Development Center.

The relevance and impact of ICRISAT's collaborative research with National Agricultural Research Systems (NARS) was highlighted through landmark varietal releases in Asia and Africa in 2020. In Asia, 13 improved varieties (chickpea 6, groundnut 2, sorghum 3, and pearl millet 2) were released from ICRISAT-bred materials. In India, Prime Minister Narendra Modi dedicated to the nation two high-oleic acid biofortified groundnut varieties and the Telangana State Government expressed its support in seed production to promote a high-oleic acid groundnut value chain in India. A drought-tolerant chickpea that is high-yielding and Fusarium wilt-resistant developed by Indian NARS and supported by ICRISAT genomic technologies is making headway with farmers. Six improved varieties of finger millet and chickpea were officially released in Malawi; and Burkina Faso released its first commercial pearl millet hybrid developed by ICRISAT in partnership with NARS and a private company that has taken up seed production.

Amongst the many crop innovations in the pipeline, ICRISAT has developed double-podded chickpea that yields more than twice that of conventional chickpea, biofortified sorghum, millet and finger millet, and high biomass sorghum and millet for forage and biofuel production. Genomic technologies are focusing on developing pearl millet to help combat type 2 diabetes, Striga resistance and 'stay-green' alleles in sorghum, groundnut rosette disease and blast resistance in finger millet. Studies on fall armyworm management, aflatoxin mitigation and effects of elevated CO₂ on crops continue.

By harnessing the full potential of next-generation sequencing (NGS) technology, ICRISAT took the lead, and with several collaborators, and developed the draft genome assembly for chickpea and identified ca. 28K non-redundant gene models. In partnership with Corteva Agriscience, CRISPR approaches are being used to improve pearl millet to slow lipid degradation during and after milling to reduce rancidity in the flour and increase household and industrial use.

More than 57 varieties of our mandate crops were prioritized for commercialization and over 22,000 tons of seed of modern varieties were produced in Africa. According to data from the Government of Niger, 118 tons of certified seed of Chakti - Africa's first iron-biofortified pearl millet variety- were produced.

Soil and water management projects recorded substantial impacts leading to scale-up. In India, a number of rainwater harvesting structures were created which facilitated groundwater recharge in Bundelkhand region of Uttar Pradesh. Many demonstrations on balanced fertilizer application, improved crop cultivars and organic farming were undertaken. Farmers realized yield benefit of 10-30% with deficient micronutrients and 20-40% with climate-smart high-yielding varieties. In Odisha state, a Soil Fertility Atlas and Geo-portal was developed using 40,265 georeferenced soil samples from 30 districts in the state. The interactive geo-portal provides information on soil nutrient status and nutrient requirements and serves as a ready reckoner for policymakers, government extension staff and farmers.

Outcomes reported from project sites in Mozambique, Tanzania and Zimbabwe using two synergistic yield increase of more than 28%, income increase of 43-94% in farmer households, 43-60% increase in off-farm income due to less time spent irrigating and 40-85% of farmers reducing their irrigation frequency. The results convinced the National Zimbabwe Government Director of Irrigation to scale this strategy out in Matabeleland North. In Mali, contour bunding technology resulted in increased crop yields of more than 30% and improved household income by 20%.

Technology parks in Mali continued operations with necessary precautions, farmer collectives in a Corporate Social Responsibility (CSR) project in Maharashtra found ways to operate even during the lockdown and timely analyses and publications on various topics ranging from impact on food security to leveraging digital tools supported ICRISAT's COVID-19 policy response.

As Chair of the ICRISAT Governing Board, I am pleased to report that despite the challenges faced by the Institute this year, our total unrestricted net assets at the end of 2020 was USD 30.84 million, and that we were in compliance with the CGIAR recommended financial performance indicators.



Prabhu Pingali, Board Chair,
ICRISAT Governing Board

Management Representation

Management Statement of Responsibility for Financial Reporting for the year ended December 31, 2020.

ICRISAT management is required to prepare annual financial statements and is responsible for the accuracy and reliability of the financial information.

The accompanying annual financial statements of ICRISAT, for the year ended December 31, 2020 have been prepared in accordance and fully compliant with International Financial Reporting Standards (IFRS).

ICRISAT maintains a system of internal controls designed to provide reasonable assurance that assets are safeguarded and that ICRISAT's financial transactions are properly recorded in line with Management's delegated authority.

ICRISAT's financial reporting system provides Management with regular, timely and accurate views of its operations and enables Management to identify and discern risks while at the same time providing a reliable basis for the annual financial statements and management reports.

ICRISAT relies on the Internal Audit Unit to provide regular and ongoing internal audits and recommendations regarding the adequacy and effectiveness of the Center's policies and procedures.

The Governing Board exercises its responsibility for these annual financial statements through its Audit and Risk Committee. This Committee meets regularly with Management and representatives of external and internal auditors to review matters relating to financial reporting, risk management, internal control, and auditing.

Management is of the opinion that the annual financial statements, as presented in this document, give a true and fair view of ICRISAT's financial affairs and results for the year ended December 31, 2020.



Jacqueline d'Arros Hughes
Director General



Ravi Chandra Kota
Head of Finance

Board Statement on Risk Management

The Governing Board of ICRISAT has the responsibility for ensuring that an appropriate risk management system is in place, which enables management to identify and take steps to mitigate significant risks to the achievement of the Institute's objectives, and to ensure alignment with CGIAR principles and guidelines that have been adopted by all CGIAR Centers.

In 2020, ICRISAT's risk management practices continued maturing towards integrating a risk based approach into strategic decision making as well as in its operations. ICRISAT has made this a routine part of internal control and

good corporate governance practice, which includes implementation of appropriate internal control systems. Such controls by their nature are designed to manage, rather than eliminate risks. ICRISAT also endeavors to manage risk by ensuring that appropriate infrastructure, controls, systems and people are in place throughout the Institute. The senior leadership reviews key risks that are directly related to achieving Center's objectives. The CGIAR System Council approved a risk management framework for the System outlining roles and responsibilities for Center Boards and Centers which are in line with ICRISAT's practices.

ICRISAT has adopted a risk management policy, which has detailed guidelines on managing key risks, which include risks in the areas of research, staff, investments, finances, and infrastructure. The policy includes a framework by which the Institute's management identifies risks, evaluates and prioritizes risks, develops risk mitigation strategies that balance benefits with costs, monitors the implementation of these strategies, takes necessary corrective actions, and reports to the Governing Board.

The Board has reviewed the implementation of the policy and is satisfied that ICRISAT has adopted and implemented a comprehensive risk management system.



Prabhu Pingali, Board Chair,
ICRISAT Governing Board

Independent Auditors' Report

To the Governing Board of International Crops Research Institute for the Semi-Arid Tropics

Opinion

We have audited the financial statements of International Crops Research Institute for the Semi-Arid Tropics ("the Institute"), which comprise the Statement of Financial Position as at December 31, 2020, the Statement of Activities and Other Comprehensive Income, the Statement of Changes in Net Assets and the Statement of Cash Flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion and to the best of our information and according to the explanation given to us, the aforesaid financial statements give a true and fair view of the financial position of the Institute as at December 31, 2020, and of its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRSs).

Basis for Opinion

We conducted our audit of the financial statements in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Institute in accordance with the ethical requirements that are relevant to our audit of the financial statements and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence obtained by us is sufficient and appropriate to provide a basis for our opinion on the financial statements.

Information Other than the Financial Statements and Auditor's Report Thereon

Management is responsible for the other information. The other information comprises the information including Statement of Board Chair, Management representation, Board Statement of Risk Management, schedules and appendices included in the Annual Report, but does not include the financial statements and our auditor's report thereon. Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon. In connection with our audits of the financial statements, our responsibility is to read the other information and, in doing so, consider whether other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed on

the other information that we obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management and those charged with governance are responsible for the preparation and presentation of the financial statements that gives the information as required in accordance with IFRS and give a true and fair view of the financial position and financial performance of the Institute in accordance with IFRS, and for such internal control as management determines is necessary to enable the preparation of the financial statements that are free from material misstatement, whether due to fraud or error. In preparing the financial statements, management and those charged with governance are responsible for assessing the Institute's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institute or to cease operations, or has no realistic alternative but to do so.

Management and those charged with governance are responsible for overseeing the Institute's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the planning and performance of the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Institute's internal control.

- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institute's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Institute to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

Materiality is the magnitude of misstatements in the financial statements that, individually or in aggregate, makes it probable that the economic decisions of a reasonably knowledgeable user of the financial statements may be influenced. We consider quantitative materiality and qualitative factors in (i) planning the scope of our audit work and in evaluating the results of our work; and (ii) to evaluate the effect of any identified misstatements in the financial statements.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Deloitte Haskins & Sells LLP

DELOITTE HASKINS & SELLS LLP

Place: Hyderabad

Date: April 21, 2021

International Crops Research Institute for the Semi-Arid Tropics
Statement of Financial Position as at December 31, 2020

(All amounts in thousands of United States Dollars)

	Notes	31-Dec-20	31-Dec-19
Assets			
Current Assets			
Cash and cash equivalents	3	27,437	19,437
Investments	4A	6,300	18,319
Receivables			
-Donors	5	5,969	8,538
-Employees	6	339	443
-CGIAR Centers	7	1,153	1,161
-Others	8	15,379	10,018
Prepaid expenses	9	127	360
Inventories	10	630	844
Total Current Assets		57,334	59,120
Other Assets Held for Disposal	11	189	183
Non Current Assets			
Property, plant and equipment	12	7,024	7,721
Investments	4B	8,764	4,894
Other Non-current assets	13	771	1,121
Total Non Current Assets		16,559	13,736
Total Assets		74,082	73,039
Liabilities			
Current Liabilities			
Payables			
-Deferred income from Donors	14	22,392	20,751
-Employees		172	608
-CGIAR Centers	15	971	1,758
-Others	16	10,509	10,788
-Provision	17A	1,000	1,000
- Accruals	17B	406	442
Total Current Liabilities		35,450	35,347
Non Current Liabilities			
Employee Provisions	18	261	439
Total Non Current Liabilities		261	439
Total Liabilities		35,711	35,786
Net Assets			
Unrestricted Net Assets			
-Undesignated	19	9,728	8,916
-Designated		21,113	21,113
Total Unrestricted Net Assets		30,841	30,029
Temporary Net Assets - Other Comprehensive Income		1,384	1,078
Restricted Net Assets		6,146	6,146
Total Net Assets		38,371	37,253
Total Liabilities and Net Assets		74,082	73,039

See accompanying notes to the financial statements


Ravi Chandra Kota
Head of Finance


Jacqueline d'Arros Hughes
Director General


International Crops Research Institute for the Semi-Arid Tropics


Statement of Activities and Other Comprehensive Income For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

	Notes	2020					2019				
		Unrestricted		Restricted		Total	Unrestricted		Restricted		Total
		Portfolio	Non Portfolio	Portfolio	Non Portfolio		Portfolio	Non Portfolio	Portfolio	Non Portfolio	
Revenue and Gains											
Grant Revenue											
Window 1 & 2		-	-	12,160	-	12,160	-	-	13,354	-	13,354
Window 3		-	20	21,477	731	21,477	-	73	21,854	989	22,843
Bilateral		-	30	19,807	1,765	19,807	-	30	20,021	6,312	26,333
Total Grant Revenue		-	50	53,444	2,496	53,444	-	103	55,229	7,301	62,530
Other Revenue and Gains	20.a	-	2,862	-	-	2,862	-	1,723	-	1,723	1,723
Total Revenue and Gains		-	2,912	53,444	2,496	53,444	-	1,826	55,229	9,024	64,253
Expenses and Losses											
Research Expenses		-		32,092	1,754	32,092	-	-	32,721	4,732	37,453
CGIAR Collaborator Expenses		-		7,490	82	7,490	-	-	9,899	326	10,225
Non - CGIAR Collaborator Expenses		-		7,942	328	7,942	-	-	7,207	1,137	8,344
General and Administration Expenses		-	3,976	5,920	332	5,920	-	7,733	5,402	8,736	14,138
Other Expenses and Losses	20.b	-	1,011	-	-	1,011	-	548	-	548	548
Total Expenses and Losses		-	4,987	53,444	2,496	53,444	-	8,281	55,229	15,479	70,708
Operating Surplus / (Deficit)		-	(2,075)	-	-	(2,075)	-	(6,455)	-	-	(6,455)
Finance Income	20.c	-	2,890	-	-	2,890	-	2,972	-	2,972	2,972
Finance Expenses	20.d	-	(3)	-	-	(3)	-	(27)	-	(27)	(27)
Operating Surplus / (Deficit) for the year		-	812	-	-	812	-	(3,510)	-	-	(3,510)
Other Comprehensive Income											
Items that will not be reclassified subsequently to Statement of Activities											
Actuarial gain/loss defined benefit plan		-	46	-	-	46	-	(361)	-	(361)	(361)
Items that will be reclassified subsequently to Statement of Activities											
MTM gain on bonds		-	340	-	-	340	-	232	-	232	232
Amount reclassified to statement of activity on disposal		-	(74)	-	-	(74)	-	(10)	-	(10)	(10)
Effect of foreign exchange		-	(6)	-	-	(6)	-	(3)	-	(3)	(3)
Sub total Other Comprehensive Income		-	306	-	-	306	-	(142)	-	(142)	(142)
Total Comprehensive Surplus / (Deficit) for the year		-	1,118	-	-	1,118	-	(3,652)	-	-	(3,652)

See accompanying notes to the financial statements


Ravi Chandra Kota
Head of Finance


Jacqueline d'Arjos Hughes
Director General

International Crops Research Institute for the Semi-Arid Tropics

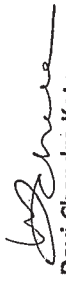
Statement of Changes in Net Assets For the Year Ended December 31, 2020


(All amounts in thousands of United States Dollars)

	Unrestricted						Other Comprehensive Income			Restricted	Total
	Undesignated	Designated				Fair value Reserve	Actuarial gain/(loss)				
		Property, Plant and Equipment	Capital Fund*	Crisis Management Fund	Total Designated			Total Unrestricted			
Balance as at January 1, 2019	12,426	7,279	12,834	1,000	21,113	33,539	446	774	6,128	40,887	
Increase in Undesignated funds in current year	-	-	-	-	-	-	-	-	-	-	
Operating Surplus / (Deficit) for the year	(3,510)	-	-	-	-	(3,510)	-	-	-	(3,510)	
Actuarial gain/loss defined benefit plan	-	-	-	-	-	-	-	(361)	-	(361)	
MTM gain on bonds	-	-	-	-	-	-	232	-	-	232	
Amount reclassified to statement of activity on disposal	-	-	-	-	-	-	(10)	-	-	(10)	
Effect of foreign exchange	-	-	-	-	-	-	(3)	-	-	(3)	
Depreciation for the year	-	(835)	835	-	-	-	-	-	-	-	
Additions during the year	-	1,277	(1,277)	-	-	-	-	-	-	-	
Disposals during the year	-	-	-	-	-	-	-	-	-	-	
Transfer from Unrestricted to Restricted	-	-	-	-	-	-	-	-	-	-	
Interest on Restricted reserves, net of expenses	-	-	-	-	-	-	-	-	18	18	
Balance as at December 31, 2019	8,916	7,721	12,392	1,000	21,113	30,029	665	413	6,146	37,253	
Balance as at January 1, 2020	8,916	7,721	12,392	1,000	21,113	30,029	665	413	6,146	37,253	
Increase in Undesignated funds in current year	-	-	-	-	-	-	-	-	-	-	
Operating Surplus / (Deficit) for the year	812	-	-	-	-	812	-	-	-	812	
Actuarial gain/loss defined benefit plan	-	-	-	-	-	-	-	46	-	46	
MTM gain on bonds	-	-	-	-	-	-	340	-	-	340	
Amount reclassified to statement of activity on disposal	-	-	-	-	-	-	(74)	-	-	(74)	
Effect of foreign exchange	-	-	-	-	-	-	(6)	-	-	(6)	
Depreciation for the year	-	(959)	959	-	-	-	-	-	-	-	
Additions during the year	-	262	(262)	-	-	-	-	-	-	-	
Disposals during the year	-	-	-	-	-	-	-	-	-	-	
Gratuity/Pension reversal/(charge)	-	-	-	-	-	-	-	-	-	-	
Transfer from Unrestricted to Restricted	-	-	-	-	-	-	-	-	-	-	
Interest on Restricted reserves, net of expenses	-	-	-	-	-	-	-	-	-	-	
Balance as at December 31, 2020	9,728	7,024	13,089	1,000	21,113	30,841	925	459	6,146	38,371	

See accompanying notes to the financial statements

* Reserve for acquisition of Property, Plant and Equipment


Ravi Chandra Kota
Head of Finance


Jacqueline d'Arros Hughes
Director General

International Crops Research Institute for the Semi-Arid Tropics
Statement of Cash Flows For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

	2020	2019
Cash Flows from Operating Activities		
Surplus/(Deficit) for the year	812	(3,510)
Adjustments to reconcile changes in net assets to net cash provided by operating activities		
Depreciation	1,189	2,048
Net Exchange Rate Difference	640	1,049
Provision for doubtful receivables of donors and others	661	1,083
Provision for slow moving inventory	214	79
Interest income	(3,527)	(2,723)
Loss on sale of Assets held for disposal	-	(3)
(Gain) on disposal of property, plant and equipment	-	(66)
Operating Surplus /(Deficit) before working capital changes	(11)	(2,043)
Decrease/(increase) in assets		
Receivables		
Donors	1,909	(5,117)
Employees	105	(238)
Other CGIAR Centers	8	804
Others	(5,362)	(1,611)
Inventories	-	(8)
Prepaid expenses	233	(56)
Other Assets	344	2,128
Increase/(decrease) in liabilities		
Deferred income from Donors	1,641	(8,165)
Employees	(568)	(283)
Other CGIAR Centers	(787)	(28)
Others	(279)	3,089
Accruals and Provisions	(36)	(89)
Net cash used in operating activities	(2,803)	(11,617)
Cash Flows from Investing Activities		
Purchase of investment	(10,373)	(14,864)
Proceeds from maturity and sale of Investments	18,860	25,471
Interest Received	2,887	2,972
Acquisition of property, plant and equipment	(498)	(2,488)
Proceeds from disposal of property, plant and equipment and Assets Held for disposal	-	66
Net cash from investing activities	10,876	11,157
Net increase / (decrease) in cash and cash equivalents	8,073	(460)
Cash and cash equivalents, beginning of year	19,437	19,828
Net Exchange rate differences	(73)	69
Cash and cash equivalents the end of the period	27,437	19,437

See accompanying notes to the financial statements


Ravi Chandra Kota
Head of Finance


Jacqueline d'Arros Hughes
Director General

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)

Notes to the Financial Statements

1. Corporate Information

(a) General Information and nature of operations

The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) or (“the Institute”) is a non-profit, international organization that conducts agricultural research for development in sub-Saharan Africa and Asia with a wide array of partners throughout the world. It was established on 28 March 1972 by virtue of an agreement between the Government of India and CGIAR. ICRISAT helps empower smallholder farmers overcome poverty, hunger and malnutrition, by making agriculture profitable and sustainable. ICRISAT achieves this through scientific advancements and working in partnership.

ICRISAT is headquartered in Patancheru, Telangana, India, with two regional hubs and seven country offices in sub-Saharan Africa.

Owing to its international status and based on the arrangements with the host country governments, ICRISAT operates under a general immunity from local laws, taxes and customs duties and is covered under United Nations (Privileges and Immunities) Act, 1947. Its activities are supported through grants by donor nations, World Bank and foundations.

(b) CGIAR Research Program

In 2011, the CGIAR Consortium introduced a new program-based approach to fund research activities. Donors to the CGIAR, represented by the Fund Council, approved the creation of CGIAR Research Programs (CRPs). Each CRP is led by a designated CGIAR Center (Lead Center), which is responsible, through a Program Implementation Agreement (PIA), for overseeing the implementation of the CRP by program partners. Partners include other CGIAR Centers and institutions who are subcontracted by the Lead Center through a Program Participant Agreement (PPA) or other suitable contracting arrangement.

ICRISAT is the Lead Center for the CRPs on Grain Legumes and Dryland Cereals, effective 1 January 2018 till 31 December 2021.

Fund donors may designate their contribution to one or more of the three funding ‘Windows’. For ‘Window 1’ funds, the Fund Council sets the overall priorities and makes specific decisions such as allocation to CRPs, payment of system costs and any other use required to achieve the CGIAR mission. ‘Window 2’ funds are contributions designated by Fund Donors to one or more CRPs. ‘Window 3’ funds are contributions designated by the Fund donors to individual centers.

(c) Statement of compliance responsibility statement

The financial statements of the Institute have been prepared in accordance with International Financial Reporting Standards (IFRS) as issued by the International Accounting Standards Board (IASB).

The financial statements were authorised for issue in accordance with the resolution of Governing Board on April 21, 2021.

(d) Basis of preparation of financial statements

The financial statements of the Institute have been prepared in accordance with International Financial Reporting Standards (IFRS) and the recommendations made in the IFRS Compliant CGIAR Reporting Guidelines approved by the System Management Board in December 2017, which are in confirmative with International Accounting Standards (IAS) for not-for-profit organizations.

The financial statements have been prepared and presented under the historical cost except for certain financial instruments that are measured at fair values at the end of each reporting period, as explained in the accounting policies below. Historical cost is generally based on the fair value of the consideration given in exchange for goods and services.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique.

(e) Functional and presentation currency

The functional and presentation currency of the Institute is United States Dollar (USD), as statutory contributions and operational expenditure are primarily denominated in, and influenced by, the United States Dollar. The operations of the Institute are not concentrated in one economic environment, but grants are primarily received in United States Dollar, and expenditure is budgeted and managed in United States Dollar.

(f) Standards and interpretations adopted from current year

In the current year Institute has applied a number of amendments to IFRS Standards and Interpretations issued

by the IASB that are effective for an annual period that begins on or after 1 January 2020. Their adoption has not had any impact on the disclosures or on the amounts reported in these financial statements.

Standard	Description	Effective for reporting years starting on
IFRS 9	Interest Rate Benchmark Reform	January 1, 2020
IFRIC 23	Uncertainty over Income tax treatments	January 1, 2020
	Amendments to References to the Conceptual Framework in IFRS Standards'	January 1, 2020
Amendments to IAS 8 & 1	Definition of Material	January 1, 2020
IFRS 3	Definition of a Business	January 1, 2020

2. Summary of significant accounting policies

(a) Current Vs non-current classification

ICRISAT presents assets and liabilities in the statement of financial position based on current/non-current classification. An asset is treated as current when it is:

- Expected to be realized or intended to be sold or consumed in normal operating cycle
- Held primarily for the purpose of trading
- Expected to be realized within twelve months after the reporting period or
- Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period

All other assets are classified as non-current.

A liability is current when:

- It is expected to be settled in normal operating cycle
- It is held primarily for the purpose of trading
- It is due to be settled within twelve months after the reporting period or
- There is no unconditional right to defer the settlement of the liability for at least twelve months after the reporting period

All other liabilities are classified as non-current.

The operating cycle is the time between the acquisition of assets for processing and their realization in cash and cash equivalents. The Institute has identified twelve months as its operating cycle.

(b) Foreign exchange transactions

Transactions and balances

Transactions in foreign currency are initially recorded by the Institute at its functional currency spot rates at the date of the transactions first qualifies for recognition. Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency spot rates of exchange at the reporting date. Foreign non-monetary assets and liabilities denominated in currencies other than the US Dollar are converted to the US Dollar at exchange rate prevailing on the date of the transaction. The revenues and expenses of two regional hubs and seven country offices in sub-Saharan Africa are translated to US Dollar at rates prevailing on the dates of the transactions and are included in the Statement of Activities of the Institute.

Exchange differences arising on settlement of foreign currency transactions, forward contracts, and translations at the balance sheet date are recognized as expense or income, as the case may be, in the Statement of Activities for the year.

(c) Fair value measurement:

The Institute measures financial instruments, such as, derivatives at fair value at each reporting date.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either:

- In the principal market for the asset or liability, or
- In the absence of a principal market, in the most advantageous market for the asset or liability

The principal or the most advantageous market must be accessible by the Institute.

The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest.

A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The Institute uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximizing the use of relevant observable inputs and minimising the use of unobservable inputs.

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorized within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole:

- Level 1: Quoted (unadjusted) market prices in active markets for identical assets or liabilities
- Level 2: Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable
- Level 3: Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable

For assets and liabilities that are recognised in the financial statements on a recurring basis, the Institute determines whether transfers have occurred between levels in the hierarchy by re-assessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each reporting period.

In estimating the fair value of an asset or a liability, the Institute uses market-observable data to the extent it is available. Any change in the fair value of each asset and liability is also compared with relevant external sources to determine whether the change is reasonable.

For the purpose of fair value disclosures, the Institute has determined classes of assets and liabilities on the basis of the nature, characteristics and risks of the asset or liability and the level of the fair value hierarchy as explained above.

(d) Cash and cash equivalent

Cash and cash equivalents comprises cash on hand, cash at banks and short term highly liquid investments that are readily convertible into known amounts of cash with an original maturity of three months or less and which are subject to an insignificant risk of changes in value.

(e) Revenue recognition

Restricted grants are recognized when the conditions attached to the grant are fulfilled and/or as per the terms of the underlying contract / agreement satisfying a performance obligation by transferring a promised good or service. Restricted grant contract terms can be based on a reimbursements method (the Institute is paid after the expenses are incurred and other conditions met) or the advanced method (donors pay a lump sum amount at the beginning of the project implementation). Cash received in advance in the context of the grant is recorded as a liability (deferred income from donors) until criteria for revenue recognition are met. When expenditure is incurred, grant revenue is

recognized to the extent that there is reasonable assurance that a donor will reimburse the Institute for the expenditure incurred. The resulting receivable is classified as "Receivables from donors".

IFRS 15 "Revenue from Contracts with Customers" offers additional clarification in the systematic basis of measurement of revenue over the periods in which there is partial fulfilment of the obligation or condition attached to the grant/contract using output method and input method. The Institute uses input method to recognize its restricted grant revenue.

Restricted grants (Portfolio and Non Portfolio) which may be pledged for more than a year, are recognised as revenue only to the extent, grant conditions have been met. Revenue includes grants made in the capacity of a Lead Center to other participating CGIAR Centers.

Unrestricted grants are those received from unconditional transfers of cash or assets to the Institute. These grants are pledged on an annual basis and are recognised as revenue in the year for which grant is pledged. Grants received in currencies other than USD are recorded at exchange rates in effect at the time of receipt or if outstanding as of 31 December, at the exchange rate in effect at the year-end rate.

Grants in kind are recognised as revenue based on communication from donor, specifying the amount of expenditure towards relevant restricted projects.

Portfolio means CRP's approved by The CGIAR and Non-Portfolio represents the programs other than the approved CRP.

IFRS 15 establishes a single comprehensive model for entities to use in accounting for revenue.

Under IFRS 15, the Institute recognizes revenue when contractual performance obligations are satisfied e.g. restricted grant revenues are recognized only to the extent of expenses incurred for the grant.

When applying IFRS 15, the Institute recognized revenue by applying the prescribed steps:

Step 1: Identify the contract with a customer

Step 2: Identify the performance obligations in the contract

Step 3: Determine the transaction price

Step 4: Allocate the transaction price to the performance obligations in the contract

Step 5: Recognize revenue when the entity satisfies a performance obligation

The Institute has adopted IFRS 15 effective from January 1, 2018 and the management is of the opinion that the application of IFRS 15 did not have any material impact on the amounts reported for the Institute.

Interests, losses and gains relating to financial instruments are reported in the Statement of Activities as expense or revenue. Interest is recorded using the effective rate method which discounts accurately future flows of payments and cash receipts over the expected life of the financial asset, or a shorter duration, as applicable, with respect to the net carrying amount of the financial asset. Dividend on investments is recognised when the right to receive dividend is established.

(f) Leases

The Institute evaluates if an arrangement qualifies to be a lease as per the requirements of IFRS 16. Identification of a lease requires significant judgment. A contract is, or contains, a lease if the contract conveys the right to

control the use of an identified asset for a period of time in exchange for consideration. The determination of whether an arrangement is (or contains) a lease is based on the substance of the arrangement at the inception of the lease. The arrangement is, or contains, a lease if fulfilment of the arrangement is dependent on the use of a specific asset or assets and the arrangement conveys a right to use the asset or assets, even if that right is not explicitly specified in an arrangement.

Institute as a lessee

The Institute assesses whether a contract contains a lease, at inception of a contract. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. To assess whether a contract conveys the right to control the use of an identified asset, the Institute assesses whether: (i) the contract involves the use of an identified asset (ii) the Institute has substantially all of the economic benefits from use of the asset through the period of the lease and (iii) the Institute has the right to direct the use of the asset. The Institute uses significant judgement in assessing the lease term (including anticipated renewals) and the applicable discount rate. The determination of whether an arrangement is (or contains) a lease is based on the substance of the arrangement at the inception of the lease. The arrangement is, or contains, a lease if fulfilment of the arrangement is dependent on the use of a specific asset or assets and the arrangement conveys a right to use the asset or assets, even if that right is not explicitly specified in an arrangement.

At the date of commencement of the lease, the Institute recognizes a right-of-use asset ("ROU") and a corresponding lease liability for all lease arrangements in which it is a lessee, except for leases with a term of twelve months or less (short-term leases) and low value leases. For these short-term and low value leases, the Institute recognizes the lease payments as an operating expense on a straight-line basis over the term of the lease. The right-of-use assets are initially recognized at cost, which comprises the initial amount of the lease liability adjusted for any lease payments made at or prior to the commencement date of the lease plus any initial direct costs less any lease incentives. They are subsequently measured at cost less accumulated depreciation and impairment losses. Right-of-use assets are depreciated from the commencement date on a straight-line basis over the lease term and useful life of the underlying asset. The lease liability is initially measured at amortized cost at the present value of the future lease payments. The lease payments are discounted using the interest rate implicit in the lease or, if not readily determinable, using the incremental borrowing rates in the country of domicile of these leases. Lease liabilities are re-measured with a corresponding adjustment to the related right of use asset if the Institute changes its assessment if whether it will exercise an extension or a termination option. Lease liability and ROU asset will be separately presented in the Balance Sheet and lease payments will be classified as financing cash flows for future leases.

Institute as a lessor

Leases in which the Institute does not transfer substantially all the risks and rewards of ownership of an asset are classified as operating leases. Rental income from operating lease is recognised on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognised over the lease term on the same basis as rental income. Leases are classified as finance leases when substantially all of the risks and rewards of ownership transfer from the Institute to the lessee. Amounts due from lessees under finance leases are recorded as receivables at the Institute's net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on the net investment outstanding in respect of the lease.

(g) Property, plant and equipment

Property, plant and equipment are tangible goods that are held for use related to the main objective of the Institute, including research activities and administrative and technical support activities, and are expected to be used during more than one accounting period.

The in –trust contract signed with the Government of India for the land on which ICRISAT has its headquarters is for a period of 99 years. If the Institute terminates contract, ICRISAT has to return the land with its improvements, buildings and installations, free of any kind of judicial actions or embargoes and without receiving any compensation. This land is recognized at a nominal value and considered as a contribution to property, plant and equipment.

Property, plant and equipment are stated at cost, net of accumulated depreciation and/or accumulated impairment losses, if any. The cost includes expenditures that are directly attributable to property plant and equipment if recognition criteria are met. Likewise, when a major inspection is performed, its costs are recognised in the carrying amount of the plant and equipment as a replacement if the recognition criteria are satisfied. Subsequent expenditure related to an item of property, plant and equipment is added to its book value only if it increases the future benefits from the existing asset beyond its previously assessed standard of performance or extends its estimated useful life. All other repairs and maintenance costs are recognised in Statement of Activities as incurred.

An item of property, plant and equipment and any significant part initially recognised is derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising on derecognition of the asset (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in the Statement of Activities when the asset is derecognised.

Depreciation is provided on pro-rata basis on the straight line method over the estimated useful life of the assets. The basis of computing depreciation is the asset acquisition cost, less its estimated salvage value. The depreciation period and the depreciation method are reviewed at least at each year end.

Depreciation begins when the asset is put to use. Depreciation ceases at the earliest of the date when the asset is classified as held for sale, or the date when the asset is derecognized. The depreciation charge for each period is recognised in the Statement of Activities.

The estimated useful life of assets are as follows:

Asset category	Estimated useful life (Years)
Physical Facilities	60
Laboratory and Scientific equipment	10
Furniture and office equipment	10
Heavy duty equipment	10
Vehicles	4
Computers	3

All individual items costing USD 3,000 and above are capitalized.

Advances paid towards the acquisition of property, plant and equipment outstanding at each balance sheet date are shown as capital advances under other receivables and the cost of Property, Plant and Equipment not ready for their intended use before such date are disclosed under capital work-in-progress.

Property, plant and equipment are assessed for impairment whenever there is an indication that the asset may be impaired. Impairment on property, plant and equipment is reviewed at least at the end of each reporting period.

The residual values, useful life and methods of depreciation of property, plant and equipment are reviewed at each year end and adjusted prospectively, if appropriate.

(h) Non-current assets held for sale

Non-current assets (and disposal groups) classified as held for sale are measured at the lower of carrying amount and fair value less costs to sell.

(i) Inventories

Inventories are valued at the lower of cost and net realisable value, wherever determinable. Inventories comprise office, laboratory and farm supplies, automobiles and maintenance spares, fuel and lubricants. These are stated at cost, net of allowances for slow moving, obsolete and damaged stocks. Cost is determined on weighted average basis. Cost of inventories comprises all cost of purchase, cost of conversion and other costs incurred in bringing the inventories to their present location and condition.

Net realisable value is the estimated selling price in the ordinary course of business, less estimated costs of completion and the estimated costs necessary to make the sale.

(j) Financial Instruments:

Recognition of Financial Instruments:

Financial assets and financial liabilities are recognised when the Institute becomes a party to the contractual provisions of the financial instruments.

Loans & advances and all other regular way purchases or sales of financial assets are recognised and derecognised on the trade date. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the marketplace.

Initial Measurement of Financial Instruments:

Financial assets and financial liabilities are initially measured at fair value.

Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at FVTPL) are added to or deducted from their respective fair value on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at FVTPL are recognised immediately in Statement of Activities.

All recognised financial assets are measured subsequently in their entirety at either amortised cost or fair value, depending on the classification of the financial assets.

Subsequent measurement:
Financial Assets:

(i) Financial Assets carried at Amortised cost:

A financial asset is measured at amortised cost if it is held within a business model whose objective is to hold the asset in order to collect contractual cash flows and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

(ii) Financial Assets at Fair Value through Other Comprehensive Income (FVTOCI):

A financial asset is measured at FVTOCI if it is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets and the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

(iii) Financial Assets at Fair Value through Profit or Loss (FVTPL):

A financial asset which is not classified in any of the above categories are measured at FVTPL.

A financial asset that meets the amortised cost criteria or debt instruments that meet the FVTOCI criteria may be designated as at FVTPL upon initial recognition if such designation eliminates or significantly reduces a measurement or recognition inconsistency that would arise from measuring assets or liabilities or recognising the gains and losses on them on different bases.

The Institute has not designated any debt instrument as at FVTPL.

Financial assets at FVTPL are measured at fair value at the end of each reporting period, with any gains or losses arising on remeasurement recognised in Statement of Activities. The net gain or loss recognised in Statement of Activities incorporates any dividend or interest earned on the financial asset and is included in the 'Other Revenue and gains' line item.

(iv) Effective Interest Method:

The effective interest method is a method of calculating the amortized cost of a debt instrument and of allocating interest income over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash receipts (including all fees that form an integral part of the effective interest rate, transaction costs and premiums or discounts) through the expected life of the instrument, or, where appropriate, a shorter period, to the net carrying amount on initial recognition.

(v) Impairment of Financial Assets:

Financial assets, other than those at FVTPL, are assessed for indicators of impairment at the end of each reporting period. Prior to January 1, 2018, financial assets are considered to be impaired when there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the financial assets have been affected.

For all other financial assets, objective evidence of impairment could include:

- Significant financial difficulty of the issuer or counterparty; or
- Breach of contract, such as a default or delinquency in interest or principal payments; or
- It becoming probable that the borrower will enter bankruptcy or financial re-organization; or

- The disappearance of an active market for that financial asset because of financial difficulties.

After January 1, 2018, impairment of financial assets is based on IFRS 9 expected credit loss (ECL) model as opposed to an incurred loss model under IAS 39. The ECL model requires the Institute to account for expected credit losses and changes in those expected credit losses at each reporting date to reflect changes in credit risk since initial recognition of the financial assets.

For financial assets carried at amortized cost, the amount of the impairment loss recognized is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate.

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets with the exception of accounts receivables, where the carrying amount is reduced through the use of an allowance account. When an accounts receivable is considered uncollectible, it is written off against the allowance account. Subsequent recoveries of amounts previously written off are debited against the allowance account. Changes in the carrying amount of the allowance account are recognized in the Statement of Activities. Lifetime ECL represents the ECL that will result from all possible default events over the expected life of a financial asset. In contrast, 12-month ECL represents the portion of lifetime ECL that is expected to result from default events on a financial asset that are possible within 12 months after the end of the reporting period.

Write-off policy

The Institute writes off a financial asset when there is information indicating that the donors is in severe financial difficulty and there is no realistic prospect of recovery. Any recoveries made are recognized in the Statement of Activities.

Measurement and recognition of ECL

The measurement of ECL is a function of the probability of default, loss given default (i.e. the magnitude of the loss if there is a default) and the exposure at default. The assessment of the probability of default and loss given default is based on historical data adjusted by forward-looking information as described above. As for the exposure at default, for financial assets, this is represented by the assets' gross carrying amount at the end of the reporting period. For financial assets, the expected credit loss is estimated as the difference between all contractual cash flows that are due to the Institute in accordance with the contract and all the cash flows that the Institute expects to receive, discounted at the original effective interest rate. The Institute recognizes an impairment gain or loss in the Statement of Activities for all financial assets with a corresponding adjustment to their carrying amount through a loss allowance account.

(vi) Derecognition of Financial Assets:

The Institute derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another party.

On derecognition of a financial asset accounted under IFRS 9 in its entirety, the difference between the asset's carrying amount and the sum of consideration received and receivable is recognized in the Statement of Activities.

If the transferred asset is part of a larger financial asset and the part transferred qualifies for derecognition in its entirety, the previous carrying amount of the larger financial asset shall be

allocated between the part that continues to be recognised and the part that is derecognised, on the basis of the relative fair values of those parts on the date of the transfer

Financial liabilities:

Subsequent Measurement:

All financial liabilities are subsequently measured at amortised cost using the effective interest method or at FVTPL.

Derecognition of Financial Liabilities:

The Institute derecognises financial liabilities when, and only when, the its obligations are discharged, cancelled or have expired. An exchange between with a lender of debt instruments with substantially different terms is accounted for as an extinguishment of the original financial liability and the recognition of a new financial liability. Similarly, a substantial modification of the terms of an existing financial liability (whether or not attributable to the financial difficulty of the debtor) is accounted for as an extinguishment of the original financial liability and the recognition of a new financial liability. The difference between the carrying amount of the financial liability derecognised and the consideration paid and payable is recognised in the Statement of Activities.

Derivative financial instruments

The Institute uses derivative financial instruments such as forward currency contract to hedge its foreign currency risks.

Derivatives are recognised initially at fair value at the date a derivative contract is entered into and are subsequently remeasured to their fair value at each reporting date. The resulting gain or loss is recognised in the Statement of Activities immediately.

Derivatives are carried as financial asset when the fair value is positive, and as financial liability when the fair value is negative. Any gains or losses arising from the changes in the fair value of derivatives are taken directly to the Statement of Activities.

Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the Statement of financial position if, and only if, there is a currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, or to realise the assets and settle the liabilities simultaneously.

(k) Retirement and other employee benefits

Short term employee benefits

Employee benefits payable wholly within twelve months of receiving employee services are classified as short-term employee benefits. These benefits include salaries and wages, bonus and ex-gratia. The undiscounted amount of short-term employee benefits to be paid in exchange for employee services is recognised as an expense in the Statement of Activities as the related service is rendered by employees.

Post-employment benefits

Defined contribution plans

Eligible employees of the Institute receive benefits from a provident fund, which is a defined contribution plan. Both the employee and the Institute make monthly contributions to the

provident fund plan equal to a specified percentage of the covered employee's salary and the employer contribution is charged to Statement of Activities. The benefits are contributed to an independent trust, which is paid directly to the concerned employee by the fund. The Institute has no further obligation to the plan beyond its monthly contributions for the recognised fund which is administered by an independent trust.

With respect to the benefits for internationally recruited staff, the Institute's obligation is met by the contribution of the agreed amounts to the Association of International Agricultural Research Centers (AIARC), an autonomous body which provides payroll management services to ICRISAT and other CGIAR Centers.

Defined benefit plans

Gratuity

In accordance with the applicable Indian laws, the Institute provides for gratuity, defined benefit retirement plan ("the Gratuity plan") covering eligible employees. The Gratuity plan provides a lump-sum payment to vested employees at retirement, death, incapacitation or termination of employment, of an amount based on the respective employee's salary and the tenure of employment.

Liabilities with regard to the Gratuity plan are determined by actuarial valuation, performed by an independent actuary, at each reporting date using the projected unit credit method. The Institute fully contributes all ascertained liabilities to the gratuity fund administered and managed by the ICRISAT Gratuity Fund.

The Institute recognises the net obligation of a defined benefit plan in its Statement of financial position as an asset or liability, respectively in accordance with IAS 19, Employee benefits. Re-measurements of the net defined benefit liability, which comprise actuarial gains and losses, the return on plan assets (excluding interest) and the effect of the asset ceiling (if any, excluding interest), are recognised immediately in Other Comprehensive Income. The Institute determines the net interest expense / (income) on the net defined benefit liability (asset) for the period by applying the discount rate used to measure the defined benefit obligation at the beginning of the annual period to the then-net defined benefit liability (asset), taking into account any changes in the net defined benefit liability / (asset) during the period as a result of contributions and benefit payments. Net interest expense and other expenses related to defined benefit plans are recognised in the Statement of Activities.

Pension

The Institute operates a defined benefit final salary pension plan which is closed to new entrants. The pension benefits payable to the employees are based on the employee's service up to December 31, 2004 and last drawn salary at the time of leaving. The employees do not contribute towards this plan and the full cost of providing these benefits are met by the Institute. Net interest expense and other expenses related to defined benefit plans are recognised in the Statement of Activities.

Insurance for separated IRS

The Institute operates a scheme wherein selected group of senior employees and their spouses are covered for hospitalization benefit after the employee has retired from the Institute. The cover is available to the employees until they are alive. The Institute has procured a group hospitalization cover from an insurance company for providing these benefits to these beneficiaries. The insurance premium payable in respect of each of the beneficiary covered under this scheme is directly paid by

the Institute to the insurer. The insurance cover and premium varies from one beneficiary to another. Net interest expense and other expenses related to defined benefit plans are recognised in the Statement of Activities.

Relocation

The Institute's present obligation in respect of relocation expenses payable is computed based on the estimated cost of relocating staff and their families to their base location, as specified in their appointment letters.

Leave encashment

The employees of the Institute are entitled to leave encashment. The employees can carry forward a portion of the unutilized accumulating compensated absences and utilize it in future periods or receive cash at retirement or termination of employment. The Institute records an obligation for compensated absences in the period in which the employee renders the services that increases this entitlement. The Institute measures the expected cost of compensated absences as the additional amount that the Institute expects to pay as a result of the unused entitlement that has accumulated at the end of the reporting period. The Institute recognizes accumulated compensated absences based on actuarial valuation using the projected unit credit method. Non-accumulating compensated absences are recognized in the period in which the absences occur. The Institute recognizes actuarial gains and losses immediately in the Statement of Activities.

(l) Provisions

Provisions are recognised when the Institute has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. Where the Institute expects some or all of a provision to be reimbursed, for example under an insurance contract, the reimbursement is recognised as a separate asset but only when the reimbursement is virtually certain. The expense relating to any provision is presented in the Statement of Activities, net of any reimbursement. If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects, where appropriate, the risks specific to the liability. Where discounting is used, the increase in the provision due to the passage of time is recognised as a finance cost.

(m) Net assets

Net assets comprise the residual interest in the Institute's assets after liabilities are deducted. They are classified as either unrestricted or restricted and Other Comprehensive Income.

(n) Critical accounting judgements and key sources of estimation uncertainty

The preparation of financial statements in conformity with IFRS requires management to make certain critical accounting estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements.

The principal accounting policies adopted by the Institute in the preparation of financial statements are as set out above. The application of a number of these policies required the Institute to use a

variety of estimation techniques and apply judgment to best reflect the substance of underlying transactions.

The Institute has determined that a number of its accounting policies can be considered significant, in terms of the management judgment that has been required to determine the various assumptions underpinning their application in the financial statements presented which, under different conditions, could lead to material differences in these statements.

The policies where significant judgments and estimates have been made are as follows:

Critical judgements in applying the Institute's accounting policies

The following are the critical judgements, apart from those involving estimations (which are presented separately below), that the Institute has made in the process of applying accounting policies and that have the most significant effect on the amounts recognised in financial statements.

Business model assessment

Classification and measurement of financial assets depends on the results of the SPPI (Solely for the purpose of Principal and Interest) and the business model test. The Institute determines the business model at a level that reflects how groups of financial assets are managed together to achieve a particular business objective. This assessment includes judgement reflecting all relevant evidence including how the performance of the assets is evaluated and their performance measured, the risks that affect the performance of the assets and how these are managed and how the managers of the assets are compensated. The Institute monitors financial assets measured at amortised cost or fair value through other comprehensive income that are derecognised prior to their maturity to understand the reason for their disposal and whether the reasons are consistent with the objective of the business for which the asset was held. Monitoring is part of the Institute's continuous assessment of whether the business model for which the remaining financial assets are held continues to be appropriate and if it is not appropriate whether there has been a change in business model and so a prospective change to the classification of those assets. No such changes were required during the periods presented.

Useful lives of depreciable assets:

Management reviews the useful lives of depreciable assets at each reporting date, based on the expected utility of the assets to the Institute. The useful life is disclosed in note (g). Actual results, however, may vary due to technical obsolescence.

Estimates and assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustments to the carrying amounts of assets and liabilities within the next financial year are discussed below. The Institute based its assumptions and estimates on parameters available when the financial statements were prepared. Existing circumstances and assumptions about future developments, however, may change due to market changes or circumstances arising that are beyond control of the Institute. Such changes are reflected in the assumptions when they occur.

Estimation of fair value of acquired financial assets and financial liabilities: When the fair value of financial assets and financial liabilities recorded in the balance sheet cannot be derived from active markets, their fair value is determined using valuation techniques including the discounted cash flow model. The inputs to these models are taken from observable markets where possible,

but where this is not feasible, a degree of judgment is required in establishing fair values. The judgments include considerations of inputs such as liquidity risk, credit risk and volatility. Changes in assumptions about these factors could affect the reported fair value of financial instruments.

Un-collectability of accounts receivables:

Analysis of historical payment patterns, donor concentrations, credit-worthiness and current economic trends. If the financial condition of a donor deteriorates, additional allowances may be required.

Defined benefits plans (Gratuity and compensated absences):

The cost of defined benefit plans and the present value of the obligation are determined using actuarial valuations. An actuarial valuation involves making various assumptions which may differ from actual developments in the future. These include the determination of the discount rate, future salary increases and mortality rates. Due to the complexity of the valuation, the underlying assumptions and its long-term nature, a defined benefit obligation is highly sensitive to changes in these assumptions. All assumptions are reviewed at each reporting date. The parameter most subject to change is the discount rate. In determining the appropriate discount rate, the management considers the interest rates of government bonds in currencies consistent with the currencies of the post-employment benefit obligation.

Notes to Accounts

(All amounts in thousands of United States Dollars)

3 Cash and cash equivalents

	31-Dec-20	31-Dec-19
Cash in Hand	19	13
Cash equivalents		
- Banks	8,408	5,571
- Highly Liquid Debt Mutual funds	19,010	13,853
	27,437	19,437

Idle funds not required for operational purposes are invested in accordance with the Board approved Investment policy. In accordance with the policy, investments are made for the purpose of capital preservation at the same time reducing risk exposure and optimizing investment returns where possible and ensuring diversification of the investment portfolio. All debt mutual funds are held with reputable financial institutions.

4A Current Investments

Investments in debt instruments classified as at FVTOCI (Fair Value through Other Comprehensive Income)

Bonds	-	5,264
	-	5,264
Financial assets measured at amortised cost		
Fixed deposits with banks	6,300	13,055
	6,300	13,055
Total Current investments	6,300	18,319

4B Non Current Investments

Investments in debt instruments classified as at FVTOCI

Bonds	5,328	3,277
	5,328	3,277
Financial assets measured at amortised cost		
Fixed deposits with banks *	3,436	1,617
	3,436	1,617
Total Non-Current investments	8,764	4,894

* Includes lien marked deposit of US\$ Nil (2019-US\$ 165)

Impairment of financial assets

For the purposes of impairment assessment, the Government bonds and corporate bonds are considered to have low credit risk as the counterparties to these investments have a minimum BBB- credit rating, except for one investment made in non-convertible Bonds of Infrastructure Leasing & Financial Services Limited (IL&FS). The credit rating of such bonds is downgraded to "D" during the year 2018. The fair value of such Bonds was assessed as Nil at the year end. The loss in fair value of such bonds was USD 1,003. The change in fair value of the financial asset measured at FVTOCI due to credit impairment has been charged to the Statement of Activities during the year 2018.

(All amounts in thousands of United States Dollars)

	31-Dec-20	31-Dec-19
5 Receivable – Donors		
Unrestricted	50	73
CGIAR Research Programs (Windows 1 & 2 with PPA)		
- IFPRI : CRP on Policies, Institutions and Markets	149	4
- IWMI : CRP on Water, Land and Ecosystems	47	44
- GLDC : CRP on grain legumes and Dryland cereals	-	1,715
- CIAT : CRP on Climate Change, Agriculture and Food Security	139	-
- CIAT : CRP on Climate Change, Agriculture and Food Security (Regional programme leader -West Africa)")"	69	22
- CGIAR : CRP for Gene banks	223	454
- CGIAR : CRP for Big Data	10	201
CGIAR Research Programs (Windows 1 & 2 without PPA) and Bilateral projects	7,188	7,270
	7,875	9,783
Less: Allowances for doubtful receivables	(1,906)	(1,245)
	5,969	8,538
a) The Centre measures the loss allowances for accounts receivables from donors at an amount equal to lifetime ECL using a simplified approach. The expected credit losses on accounts receivable from donors are estimated based on past default experience and an analysis of the donors' current financial position.		
b) Of the donor receivables balance, USD 2,580 in aggregate (as at December 31, 2019 USD 2,902) is due from the donors individually representing more than 5% of the donor receivables balance.		
The movement in loss allowance for doubtful receivable during the year was as follows:		
Opening balance	1,245	1,177
Loss allowance recognised	759	770
Amounts written off	(6)	(167)
Provision no longer required written back	(92)	(535)
Closing balance	1,906	1,245
6 Receivable – Employees		
Vehicle loans	78	51
Others	261	392
	339	443
7 Receivable – CGIAR Centres		
Restricted		
- CIAT	241	359
- IITA	489	496
- ILRI	293	-
Others	130	306
	1,153	1,161
8 Receivable – Others		
Collaborators	2,224	392
Vendors	1,789	1,603
Compensated absences	299	-
Others	5,452	4,585
Pension and gratuity funds (Note- 25)	5,701	3,542
	15,465	10,122
Less: Allowances for doubtful receivables	(86)	(104)
	15,379	10,018

(All amounts in thousands of United States Dollars)

	31-Dec-20	31-Dec-19
The movement in allowances for impairment in respect of receivable during the year was as follows:		
Opening balance	104	104
Impairment loss recognised	-	-
Impairment loss reversed	(18)	-
Closing balance	86	104
9 <u>Prepaid expenses</u>		
Insurance	52	245
Others	75	115
	127	360
10 <u>Inventories</u>		
Office, laboratory and farm supplies	180	216
Automobile and maintenance spares	659	628
Fuel and lubricants	99	107
Held for disposal	41	28
	979	979
Less: Allowance for obsolescence	(349)	(135)
	630	844
The movement in allowances for obsolescence in respect of inventories during the year was as follows:		
Opening balance	135	73
Impairment loss recognised	221	109
Impairment loss reversed	(7)	(47)
Closing balance	349	135
11 <u>Other Assets Held for disposal</u>		
Equipment	189	183
	189	183
"The above assets held for sale consists of farm equipment and vehicles. The same shall be disposed after initiation of the commercial invoicing."		
12 <u>Property, plant and equipment</u>		
Gross block at cost		
Physical facilities	910	910
Equipment	29,645	29,441
Assets purchased for restricted projects	25,159	24,923
	55,714	55,274
Accumulated depreciation		
Physical facilities	(129)	(114)
Equipment	(23,402)	(22,516)
Assets purchased for restricted projects	(25,159)	(24,923)
	(48,690)	(47,553)
Net book value		
Physical facilities	781	796
Equipment	6,243	6,925
Assets purchased for restricted projects	-	-
Total Property, plant and equipment – net	7,024	7,721

(All amounts in thousands of United States Dollars)

	31-Dec-20	31-Dec-19
Assets purchased from restricted projects comprise physical facilities and other assets, ownership of which does not belong to the Institute. As at December 31, 2020, assets purchased from restricted projects were US\$ 25,159 (December 31, 2019 - US\$ 24,923). These assets are fully depreciated in the year of purchase and charged directly to the appropriate restricted project. Refer Note 27 for detailed breakup.		
13 Other Non current assets		
Vehicle loans	66	29
Deposits	278	278
Accrued interest	427	814
	771	1,121
14 Deferred income from – Donors		
Bilateral projects	22,392	20,751
	22,392	20,751
15 Payables – CGIAR Centres		
CGIAR Research Programs		
- IRRI	41	99
- CIAT	100	65
- IITA	134	556
- CIMMYT	211	-
- ICRAF	302	-
- ILRI	103	264
- ICARDA	7	87
Others	73	687
	971	1,758
16 Payables – Others		
Vendors	4,179	7,933
Collaborators	3,163	1,416
Miscellaneous	276	227
Others	2,891	1,212
	10,509	10,788
17A Provision		
Provision for losses in PF Trust	1,000	1,000
	1,000	1,000
The movement in provision for losses in PF Trust is as follows:		
Opening balance	1,000	1,000
Additional provision in the year	-	-
Utilisation of provision	-	-
Closing balance	1,000	1,000
Based on facts, observations and unique legal status as a privileged diplomatic organization, ICRISAT has no statutory obligation or liability towards PF trusts established by ICRISAT for the loss of value in investments made in IL&FS. All the investments in IL&FS were made in compliance with applicable regulations for independent PF Trusts and the loss occurred is due to an unfortunate market event.		
17B Accruals		
Other accruals	406	442
	406	442

(All amounts in thousands of United States Dollars)

	31-Dec-20	31-Dec-19
18 Employees Provisions		
Compensated absences	-	87
Relocation	-	91
Insurance for separated IRS	261	261
	261	439
19 Net assets		
Net assets - unrestricted		
Unrestricted net assets represent the Institute's property after payment of liabilities with no restriction on its use by donors. These unrestricted net assets are classified as undesignated and designated.		
Undesignated		
Undesignated net assets represent accumulated surplus of revenue over expenses and are used to finance working capital and on-going operational requirements.		
Designated		
Designated net assets represent a) Investment in ICRISAT owned Property, plant and equipment, at net value, b) Reserve for acquisition of Property, Plant and Equipment, and c) Reserve for Crisis Management Fund.		
Restricted		
"Restricted net assets represent:		
a) Contribution from Sehgal Family Foundation towards ICRISAT-SFF Endowment,		
b) ICRISAT's matching contribution to ICRISAT-SFF Endowment,		
c) A fund for Doreen Margaret Mashler Distinguished Scientific Achievement Award, and		
d) Accretion (net of expenses) to these funds.		
e) Smart Food Endowment Fund"		
Other Comprehensive income		
"Represents the following:		
a) Recognition of actuarial gain / (losses) and return in plan assets excluding interest income corresponding to the defined employee benefit obligation in accordance with IAS 19;		
b) Fair valuation gain of financial asset (Bonds) recognised at fair valuation through OCI."		
20 Other revenues and gains		
(a) Other income		
Farm Produce	13	32
Scrap Sale	24	2
Gain on sale of assets	-	66
Provision no longer required written back	1,828	535
Recoveries	-	169
Miscellaneous income	997	919
Sub total - Other income	2,862	1,723
(b) Other Expenses		
Cash contribution for projects	(78)	(231)
Other Miscellaneous	(933)	(317)
Sub total - Financial income	(1,011)	(548)
(c) Financial income		
Interest income	2,890	2,972
Sub total - Financial income	2,890	2,972
(d) Financial expenses		
Loss on cancellation of forward contracts	-	-
Exchange losses, net	(3)	(27)
Sub total - Financial expenses	(3)	(27)
Total (a)+(b)+(c)+ (d)	4,738	4,120

22. Contingent liabilities		
(All amounts in thousands of United States Dollars)		
Particulars	As at	
	31-12-2020	31-12-2019
Bank guarantee for loans taken by employees	-	165

23. Financial Instruments

(a) Classes and categories of financial instruments and their fair values

December 31, 2020								
Particulars	Financial Assets			Financial Liabilities		Level		
	FVTPL	FTVOCI	Amortised Cost	FVTPL	Amortised Cost	1	2	3
Cash and Cash equivalents	19,010	-	8,427	-	-	19,010	-	-
Current Investments	-	-	-	-	-	-	-	-
- Bonds	-	-	-	-	-	-	-	-
- Fixed deposits with banks	-	-	6,300	-	-	-	-	-
Account Receivables	-	-	7,460	-	-	-	-	-
Other non-current assets	-	-	771	-	-	-	-	-
Non- Current Investments	-	-	-	-	-	-	-	-
- Bonds	-	5,328	-	-	-	-	5,328	-
- Fixed deposits with banks	-	-	3,436	-	-	-	-	-
Accounts Payables	-	-	-	-	11,652	-	-	-

Particulars	Financial Assets		Financial Liabilities	
	Amortised Cost	Fair value	Amortised Cost	Fair value
Cash and Cash equivalents	8,427	8,427	-	-
Current Investments				
Fixed deposits with banks	6,300	6,300	-	-
Account Receivables	7,460	7,460	-	-
Other non-current assets	771	771	-	-
Non- Current Investments				
Fixed deposits with banks	3,436	3,436	-	-
Accounts Payables	-	-	11,652	11,652

December 31, 2019								
Particulars	Financial Assets			Financial Liabilities		Level		
	FVTPL	FTVOCI	Amortised Cost	FVTPL	Amortised Cost	1	2	3
Cash and Cash equivalents	13,853	-	5,584	-	-	13,853	-	-
Current Investments								
- Bonds	-	5,264	-	-	-	-	5,264	-
- Fixed deposits with banks	-	-	13,055	-	-	-	-	-
Account Receivables	-	-	10,142	-	-	-	-	-
Other non-current assets	-	-	1,121	-	-	-	-	-
Non- Current Investments								
- Bonds	-	3,277	-	-	-	-	3,277	-
- Fixed deposits with banks	-	-	1,617	-	-	-	-	-
Accounts Payables	-	-	-	-	13,154	-	-	-

Particulars	Financial Assets		Financial Liabilities	
	Amortised Cost	Fair value	Amortised Cost	Fair value
Cash and Cash equivalents	5,584	5,584	-	-
Current Investments				
Fixed deposits with banks	13,055	13,055	-	-
Account Receivables	10,142	10,142	-	-
Other non-current assets	1,121	1,121	-	-
Non- Current Investments				
Fixed deposits with banks	1,617	1,617	-	-
Accounts Payables	-	-	13,154	13,154

(b) Measurement of fair value

Valuation techniques

The following table shows the valuation techniques used in measuring Level 1 fair values for assets carried at fair value through profit or loss.

Type	Valuation technique
Assets measured at fair value:	
Cash and Cash equivalents (Highly Liquid debt mutual funds)	The fair value is determined using quoted rates available at active market as at the reporting date. (Mutual funds are valued using closing NAV)

(c) Financial Risk Management

The Centre's activities expose it to a variety of financial risks: market risk(including foreign exchange risk, price risk and interest rate risk), credit risk and liquidity risk. The centre's overall risk management programme focuses on the unpredictability of financial markets and seeks to minimise potential adverse effects on its financial performance.

The finance department under policies approved by the Governing Board carries out financial risk management. The Board approved investment and Exchange Risk Management Policy provides written principles for overall risk management, covering areas such as foreign exchange risk, interest rate risk, credit risk and investment risk.

Liquidity Risk:

Liquidity risk is the risk that the Centre may not be able to meet its financial obligations as they fall due. Prudent liquidity risk management includes maintaining sufficient cash balances and the availability of funding from bilateral donors. The primary objective of liquidity management is to provide for sufficient cash and cash equivalents at all times to enable us to meet our payment obligations. The Institute's aim is to have a well-spread maturity schedule and a strong liquidity position so as to meet expected operational expenses, including the servicing of financial obligations. This excludes the potential impact of extreme circumstances that cannot reasonably be predicted.

The table below summarises the maturity profile of the Institute's financial liabilities based on contractual undiscounted payments:

Particulars	Up to 1 year	1 to 3 years	3 to 5 years	> 5 years	Total
As at December 31, 2020					
Payables - CGIAR Centers	971	-	-	-	971
Payables - Employees	172	-	-	-	172
Payables - Others	10,509	-	-	-	10,509
	11,652				11,652
As at December 31, 2019					
Payables - CGIAR Centers	1,758	-	-	-	1,758
Payables - Employees	608	-	-	-	608
Payables - Others	10,788	-	-	-	10,788
	13,154	-	-	-	13,154

Credit Risk:

Credit risk is the risk that the counterparty will default on its contractual obligation, resulting in financial loss to the Institute. Credit risk arises from financial assets such as cash and cash equivalents and receivables. The Institute monitor's exposure to credit risk on an ongoing basis at various levels and deal with counterparties that have sound financial standing.

The Institute invests its idle funds in banks and financial institutions/instruments that have well established credit rating as recommended by the Board, in accordance with the investment policy. Investment decisions shall always prioritize preservation of capital ahead of optimizing investment returns.

As regards receivables, reviews of aging reports are carried out on periodic basis and provisions for doubtful amounts made for any potentially irrecoverable amounts. There were no significant concentrations of credit risk at the end of the reporting period, as the centre has various donors from various countries hence no concentration risk.

Advances to partner and hosted organizations are subject to the Centre's internal requirements to limit losses arising from funds advanced by the Centre. The Centre does not incur expenditure on restricted donor grants before funding contracts are signed.

Foreign Exchange Risk:

The Centre keeps records in US Dollars but receives grants from foreign countries in various currencies. The funds are held in USD, INR, Euro & GBP. This exposes the centre to losses that may arise from fluctuation in the foreign currency exchange rates. The centre operates foreign currencies bank accounts for all receipts and payments in foreign currencies to minimize exposure to exchange risks. The Institute hedges the currency by entering into forward contracts to safeguard the functional currency from the volatility in the market and the same is done in accordance with the Board approved Investment and Exchange Risk Management Policy.

In general, forward exchange contracts entered into have a maturity of less than one year. When necessary, forward exchange contracts are rolled over at maturity based on the exposures.

a) Foreign currency forward contracts outstanding as at the Balance Sheet date:

	As at December 31, 2020		As at December 31, 2019	
	Buy	Sell	Buy	Sell
Forward contracts				
USD (in thousands)	-	16,500	-	19,000
INR (Rs. In thousands)	-	12,05,375	-	13,76,935

b) Foreign currency sensitivity

The following table demonstrates the sensitivity to a reasonably possible change in INR and EURO exchange rates, with all other variables held constant. The impact on the Institute's surplus / deficit is due to changes in the fair value of monetary assets and liabilities including foreign currency derivatives. The Institute's exposure to foreign currency changes for all other currencies is not material.

Particulars	Change in Rates		Effect on Result	
	Increase	Decrease	Increase / (Decrease) in deficit	
December 31, 2020				
INR	1%	1%	(298)	298
EURO	1%	1%	(243)	243
December 31, 2019				
INR	1%	1%	(281)	281
EURO	1%	1%	(251)	251

Price Risk:

The Institute does not hold any financial instruments subject to price risk.

Interest rate Risk:

The Institute does not hold any borrowings from a third party and hence is not subject to interest rate risk. All the investments are in fixed rate bonds and hence there is no impact of interest rate movements.

Working Capital Management:

An accounting strategy that strives to maintain sufficient and equal levels of working capital, current assets, and current liabilities. This helps the Institute to meet its expense obligations while also maintaining sufficient cash flow and is primarily related to short-term financial decisions.

(d) Financial instruments not measured at fair value

Financial instruments not measured at fair value include fixed deposits with banks, accounts receivables and accounts payables.

Due to their short-term nature, the carrying value of accounts receivable, fixed deposits with banks and accounts payables approximates their fair value

24. Segment Reporting

The Institute conducts agricultural research for development in sub-Saharan Africa and Asia and the same constitutes a single reportable business segment as per IFRS 8.

25. Employee benefit liability

" Defined benefit plan"

The Institute has the following defined benefit plans.

a. Gratuity

The Institute provides for gratuity, a defined benefit retirement plan ('The Gratuity Plan') covering eligible employees. The Gratuity Plan provides for a lump sum payment to vested employees on retirement (subject to completion of five years of continuous employment), death, incapacitation or termination of employment of amounts that are based on salary and tenure of employment. Liabilities with regard to the Gratuity Plan are determined by actuarial valuation on the reporting date.

b. Pension

The Institute operates a defined benefit final salary pension plan which is closed to new entrants. The pension benefits payable to the employees are based on the employee's service up to 31 December 2004 and last drawn salary at the time of leaving. The employees do not contribute towards this plan and the full cost of providing these benefits are met by the Institute.

The plans mentioned above typically expose the Institute to actuarial risks such as: investment risk, interest rate risk, longevity risk and salary risk.

Type of Risk	Description
Investment Risk	"The present value of the defined benefit plan liability is calculated using a discount rate which is determined by reference to market yields at the end of the reporting period on government bonds. For other defined benefit plans, the discount rate is determined by reference to market yields at the end of the reporting period on high quality corporate bonds when there is a deep market for such bonds; if the return on plan asset is below this rate, it will create a plan deficit. Currently, the plan has a relatively balanced mix of investments in government securities, and other debt instruments."
Interest Risk	A decrease in the bond interest rate will increase the plan liability, however, this will be partially offset by an increase in the return on the plan's debt investments.
Longevity Risk	The present value of the defined benefit plan liability is calculated by reference to the best estimate of the mortality of plan participants both during and after their employment. An increase in the life expectancy of the plan participants will increase the plan's liability.
Salary Risk	The present value of the defined benefit plan liability is calculated by reference to the future salaries of plan participants. As such, an increase in the salary of the plan participants will increase the plan's liability.

c. Movement in net defined benefit (asset) / liability									
The following table shows a reconciliation from the opening balances to the closing balances for net defined benefit liability (asset) and its components.									
USD (in thousands)									
	Defined benefit obligation			Fair value of plan assets			Net defined benefit liability (asset)		
	2020								
	Gratuity	Pension	IRS Insurance	Gratuity	Pension	IRS Insurance	Gratuity	Pension	IRS Insurance
	Gratuity	Pension	Insurance	Gratuity	Pension	Insurance	Gratuity	Pension	Insurance
Balance at 1 January,2020	5,688	2,678	261	7,593	4,315	-	(1,905)	(1,637)	261
Included in statement of activity							-	-	-
Current service cost	395	-	-	-	-	-	395	-	-
Past service credit	-	-	-	-	-	-	-	-	-
Interest	(985)	(747)	-	511	294	-	(1,496)	(1,041)	-
Exchange differences	729	(57)	-	(191)	(109)	-	920	52	-
Sub-total (A)	139	(804)	-	320	185	-	(181)	(989)	-

Included in other comprehensive income									
Balance at 1 January, 2020									
Remeasurements during the year due to:									
- demographic assumptions	-	-	-	-	-		-	-	-
- financial assumptions	(1,223)	10	-	-	-		(1,223)	10	-
- experience adjustment	(490)	(115)	-	-	-		(490)	(115)	-
Actuarial return on plan assets less interest income	(449)	(244)	-	450	245		(899)	(489)	-
Effect of asset celling	772	275	-	(1,810)	(1,168)		2,582	1,443	-
Effect of movements in exchange rates	(838)	1	-	17	11		(855)	(10)	-
Sub-total (B)	(2,228)	(73)	-	(1,343)	(912)		(885)	839	-
Other									
Contributions paid by the employer			-	501	454		(501)	(454)	-
Benefits paid	(501)	(454)		(501)	(454)		-	-	-
Effect of movements in exchange rates	6	6	-				6	6	-
Sub-total (C)	(495)	(449)	-	-	-	-	(495)	(448)	-
Balance at 31 December ,2020	3,104	1,352	261	6,570	3,588	-	(3,466)	(2,235)	261
Current	3,104	1,352	261	6,570	3,588	-	(3,466)	(2,235)	261
Total Liability / (Asset)	3,104	1,352	261	6,570	3,588	-	(3,466)	(2,235)	261

	Defined benefit obligation			Fair value of plan assets			Net defined benefit liability (asset)		
	2019								
	Gratuity	Pension	IRS Insurance	Gratuity	Pension	IRS Insurance	Gratuity	Pension	IRS Insurance
Balance at 1 January, 2019	3,817	2,322	261	6,101	3,431	-	(2,284)	(1,109)	261
Included in statement of activity									
Current service cost	1,958	-	-	-	-	-	1,958	-	-
Past service credit	-	-	-	-	-	-	-	-	-
Interest	357	624	-	1,384	816	-	(1,027)	(192)	-
Exchange differences	(103)	(55)	-	(141)	(80)		38	25	-
Sub-total (A)	2,212	569	-	1,243	736	-	969	(167)	-
Included in other comprehensive income									
Balance at 1 January									
Remeasurements during the year due to:									
- demographic assumptions	3	-	-	-	-	-	3	-	-
- financial assumptions	108	5	-	-	-	-	108	5	-
- experience adjustment	21	46	-	-	-	-	21	46	-
Actuarial return on plan assets less interest income	-	-	-	252	150	-	(252)	(150)	-
Effect of asset celling	394	188	-	-	-		394	188	-
Effect of movements in exchange rates	(5)	(2)	-	(3)	(2)	-	(2)	0	-
Sub-total (B)	521	237	-	249	148	-	272	89	-
Other									
Contributions paid by the employer	-	-	-	871	455	-	(871)	(455)	-
Benefits paid	(871)	(455)		(871)	(455)	-	-	-	-
Effect of movements in exchange rates	9	5	-	-	-		9	5	-
Sub-total (C)	(862)	(450)	-	-	-	-	(862)	(450)	-
Balance at 31 December, 2019	5,688	2,678	261	7,593	4,315	-	(1,905)	(1,637)	261
Current	5,688	2,678	261	7,593	4,315	-	(1,905)	(1,637)	261
Total Liability / (Asset)	5,688	2,678	261	7,593	4,315	-	(1,905)	(1,637)	261

d. Plan Assets				
Plan Assets comprise of:				
Particulars	2020			
	Quoted Value		Unquoted Value	
	Gratuity	Pension	Gratuity	Pension
Property	-	-	-	-
Government Debt Instruments	-	-	-	-
Other Debt Instruments	-	-	-	-
Entity's Own Equity Instruments	-	-	-	-
Insurer Managed Funds	6,570	3,588	-	-
Others	-	-	-	-
	6,570	3,588	-	-

The plan does not invest in any property occupied by the Institute nor in any financial securities issued by the Institute.				
Particulars	2019			
	Quoted Value		Unquoted Value	
	Gratuity	Pension	Gratuity	Pension
Property	-	-	-	-
Government Debt Instruments	-	-	-	-
Other Debt Instruments	-	-	-	-
Entity's Own Equity Instruments	-	-	-	-
Insurer Managed Funds	7,593	4,315	-	-
Others	-	-	-	-
	7,593	4,315	-	-

The Institute expects to contribute USD Nil to the gratuity fund and USD Nil to Pension fund in the next year (Previous year USD Nil for gratuity and pension) against the short term liability as per the actuarial valuation.

e. Actuarial assumptions

The following were the principal actuarial assumptions at the reporting date.

	31-12-2020	31-12-2019
Gratuity		
Discount Rate	6.35%	7.20%
Salary Escalation Rate	" NRS - SSB: 7% Others: 7% "	" NRS - SSB: 7% Others: 15% "
Retirement Age	60	60
Withdrawal rate		
Age 21 to 44		
Support Staff	2.00%	2.00%
Others	1.00%	3.00%
Age 45 to 60		
Support Staff	1.00%	1.00%
Others	5.00%	5.00%
Pension		
Discount Rate	6.35%	7.20%
Salary Escalation Rate	5.00%	5.00%
Retirement Age	60	60
Withdrawal rate		
Age 21 to 44		
Support Staff	2.00%	2.00%
Others	3.00%	3.00%
Age 45 to 60		
Support Staff	1.00%	1.00%
Others	5.00%	5.00%
IRS Insurance		
Discount Rate	NA	NA
Salary Escalation Rate	NA	NA

Discount Rate: Based on the prevailing market yields of Indian Government securities as balance sheet date for the estimated term of the obligations

Salary escalation rate: Rate of increase in salary is expected to be 7 % and 5 % respectively for gratuity and Pension. The estimates of future salary increases considered takes into account the inflation, seniority, promotion and other relevant factors .

f. Disclosure related to indication of effect of the defined benefit plan on the Institute's future cash flows:						
Expected benefit payments for the year ending:						
Year ending	December 31, 2020			December 31, 2019		
	Gratuity	Pension	Total	Gratuity	Pension	Total
Year 1	763	269	1,032	802	349	1,151
Year 2	444	215	659	622	260	882
Year 3	192	162	354	537	200	737
Year 4	284	115	398	284	146	430
Year 5	219	73	292	391	98	489
Beyond 5 years	3,455	1,190	4,645	7,023	1,817	8,840
Weighted average duration of payment of these cash flows as at year end (in years)	6.76	0.91		7.76	0.89	
g. Sensitivity Analysis						
Reasonably possible changes at the reporting date to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the defined benefit obligation by the amounts shown below:						

USD (in thousands)

	31 December 2020			31 December 2019		
	Gratuity	Pension	IRS Insurance	Gratuity	Pension	IRS Insurance
Discount Rate						
Increase by 50 basis points	(2,995)	(6)	-	(4,532)	(12)	-
Decrease by 50 basis points	3,205	6	-	4,897	12	-
Salary escalation rate						
Increase by 50 basis points	3,204	-	-	4,886	-	-
Decrease by 50 basis points	(2,995)	-	-	(4,540)	-	-
Life expectancy						
Increase by 1 year	-	(18)	-	-	(39)	-
Decrease by 1 year	-	18	-	-	37	-

h. Defined contribution plan
In addition to the above, eligible employees receive benefits from a provident fund, a defined contribution plan. The employee and the employer make monthly contributions each to the plan at a specified percentage of the covered employees' salary to a Provident Fund recognised by the Income Tax Act, 1961. Upon retirement or separation, an employee becomes entitled for a lump sum benefit, which is paid directly to the concerned employee by the fund. The Institute contributed USD 527 to the provident fund during the year ended December 31, 2020 (Previous year: USD 534)
Compensated absences:
The Institute provides for accumulation of compensated absences by certain categories of its employees. These employees can carry forward a portion of the unutilized compensated absences and utilize it in future periods or receive cash in lieu thereof as per the Institute policy. The Institute records an obligation for compensated absences in the period in which the employee renders the services that increases this entitlement. The Institute paid USD 84 as benefits to the employees during the year ended December 31, 2020 (Previous year: USD 149)

26. Related parties

Name of party	Nature of relationship
Key management personnel	
Dr Hughes, Jacqueline	Director General (effective 24-April-2020)
Dr Peter Stanley Carberry	Director General (up to 23-April-2020)
Dr Kumar, Arvind	Deputy Director General (Research) (effective 21-December 2020)
Dr Kiran K Sharma	Deputy Director General (Research) (up to 20-December 2020)
Dr Joanna Kane-Potaka	Assistant Director General-External Relations
Dr Tabo Ramadjita	Research Program Director - West & Central Africa & Country Representative Mali
Dr Eric Manyasa	Research Program Director - East & Southern Africa & Country Representative Kenya (Effective Aug 2019)
Dr Rebbie Harawa	Research Program Director - East & Southern Africa & Country Representative Kenya
Mr David K S Johnson	Director - Corporate Services (upto 30-October-2020)
ICRISAT - Gratuity Fund	Post Employment benefit plan entities
ICRISAT - Pension Fund	Post Employment benefit plan entities
ICRISAT - Leave Fund	Post Employment benefit plan entities
ICRISAT - Employee Provident Fund	Post Employment benefit plan entities
ICRISAT - RWF Provident Fund Trust	Post Employment benefit plan entities

Particulars of related party transactions during the year

USD (in thousands)

Name of the related party	Nature of transaction	31-Dec-20	31-Dec-19
Dr Peter Stanley Carberry	Salary	114	339
Dr Peter Stanley Carberry	Personal Settlement	7	32
	Employment and other benefits	9	29
Dr Hughes, Jacqueline	Salary	224	-
Dr Hughes, Jacqueline	Personal Settlement	8	-
	Employment and other benefits	7	-
Dr Kiran K Sharma	Salary	225	255
Dr Kiran K Sharma	Personal Settlement	7	6
	Employment and other benefits	6	7
Dr Kumar, Arvind	Salary	6	-
Dr Kumar, Arvind	Personal Settlement	3	-
	Employment and other benefits	6	-
Dr Tabo Ramadjita	Salary	266	286
Dr Tabo Ramadjita	Personal Settlement	17	24
	Employment and other benefits	19	26
Dr Moses Siambi	Salary	-	130
Dr Moses Siambi	Personal Settlement	-	9
	Employment and other benefits	-	10
Dr Rebbie Harawa	Salary	246	-
Dr Rebbie Harawa	Personal Settlement	63	-
	Employment and other benefits	63	-
Dr Eric Manyasa	Salary	112	61
Dr Eric Manyasa	Personal Settlement	28	30

Particulars of related party transactions during the year

Name of the related party	Nature of transaction	31-Dec-20	31-Dec-19
	Employment and other benefits	29	25
Mr David K S Johnson	Salary	180	251
Mr David K S Johnson	Personal Settlement	8	22
	Employment and other benefits	7	24
Ms Fiona Bourdin-Farrell	Salary	14	238
Ms Fiona Bourdin-Farrell	Personal Settlement	8	7
	Employment and other benefits	6	6
ICRISAT - Gratuity Fund	Contribution to Fund	1,399	469
ICRISAT - Pension Fund	Contribution to Fund	760	266
ICRISAT - Leave Fund	Contribution to Fund	467	58
ICRISAT - Employee Provident Fund	Contribution to Fund	1,248	1,370

Personal advances represents allowances credited to the account in accordance with the terms of employment.

Personal settlement represents settlement made by employees, withdrawal of allowances credited in their personal account.

The Institute has the following amounts receivable/(payable) from / to related parties:

Name of the related party	Classified under	31-Dec-20	31-Dec-19
Dr Kiran K Sharma	Travel advance	-	(1)
Dr Kiran K Sharma	Personal advance	-	-
Dr Moses Siambi	Travel advance	-	-
Dr Moses Siambi	Personal advance	1	-
ICRISAT - Gratuity Fund		3,473	2,074
ICRISAT - Pension Fund		2,239	1,478
ICRISAT - Leave Fund		995	363

27. Property, plant and equipment										
2020										
Category	Gross Block				Accumulated Depreciation				USD (in thousands)	
	Balance	During the current year	Balance	Deletions/ Adjustment	Balance	As at December 31, 2020	Balance	During the current year	Balance	Balance
	As at January 1, 2020	Additions			As at January 1, 2020	As at December 31, 2020	Additions	Deletions/ Adjustment	As at January 1, 2020	As at December 31, 2020
UNRESTRICTED :										
Physical Facilities	910	-	-	-	910		15	-	129	781
Sub Total	910	-	-	-	910		15	-	129	781
Equipment										
Lab and Scientific Equipment	13,557	129	46		13,640		613	41	9,959	3,681
Heavy Duty Equipment	3,160	5	3		3,162		2,753	3	2,768	394
Furniture and Office Equipment	4,480	44	4		4,520		3,663	4	3,779	741
Computers	2,158	12	5		2,165		1,845	4	1,934	231
Vehicles	6,086	72	-		6,158		4,868	-	4,962	1,196
Sub Total	29,441	262	58		29,645		22,516	52	23,402	6,243
Total / Aggregate	30,351	262	58		30,555		22,630	52	23,531	7,024
RESTRICTED :										
Physical Facilities	3,050	-	-	-	3,050		3,050	-	3,050	-
Sub Total	3,050	-	-	-	3,050		3,050	-	3,050	-
Equipment										
Lab and Scientific Equipment	9,009	180	-		9,189		9,009	-	9,189	-
Heavy Duty Equipment	2,725	-	-		2,725		2,725	-	2,725	-
Furniture and Office Equipment	2,631	-	-		2,631		2,631	-	2,631	-
Computers	2,372	56	-		2,428		2,372	-	2,428	-
Vehicles	5,136	-	-		5,136		5,136	-	5,136	-
Sub Total	21,873	236	-		22,109		21,873	-	22,109	-
Total/Aggregate	24,923	236	-		25,159		24,923	-	25,159	-
Physical Facilities	3,960	-	-	-	3,960		3,164	-	3,179	781
Sub Total	3,960	-	-	-	3,960		3,164	-	3,179	781
Equipment										
Lab and Scientific Equipment	22,566	309	46		22,829		18,396	41	19,148	3,680
Heavy Duty Equipment	5,885	5	3		5,887		5,478	3	5,493	394
Furniture and Office Equipment	7,111	44	4		7,151		6,294	4	6,410	741
Computers	4,530	68	5		4,593		4,217	4	4,362	231
Vehicles	11,222	72	-		11,294		10,004	-	10,098	1,196
Sub Total	51,314	498	58		51,754		44,389	52	45,511	6,243
Total / Aggregate	55,274	498	58		55,714		47,553	52	48,690	7,024

2019										
Category	Gross Block				Accumulated Depreciation				Net Block	
	Balance	During the current year	Deletions/ Adjustment	Balance	Balance	During the current year	Deletions/ Adjustment	Balance	Balance	Balance
	As at January 1, 2019	Additions		As at December 31, 2019	As at January 1, 2019	Additions		As at December 31, 2019	As at January 1, 2019	As at December 31, 2019
UNRESTRICTED :										
Physical Facilities	567	343	-	910	113	1	-	114	454	796
	-	-	-	-	-	-	-	-	-	-
Sub Total	567	343	-	910	113	1	-	114	454	796
Equipment										
Lab and Scientific Equipment	12,908	685	36	13,557	8,951	459	23	9,387	3,957	4,170
Heavy Duty Equipment	3,142	-	(18)	3,160	2,720	34	1	2,753	422	407
Furniture and Office Equipment	4,550	5	75	4,480	3,639	138	114	3,663	911	817
Computers	2,182	40	64	2,158	1,850	60	65	1,845	332	313
Vehicles	5,930	203	47	6,086	4,726	144	2	4,868	1,204	1,218
Sub Total	28,712	933	204	29,441	21,886	835	205	22,516	6,826	6,925
Total / Aggregate	29,279	1,276	204	30,351	21,999	836	205	22,630	7,280	7,721
RESTRICTED :										
Physical Facilities	3,006	44	-	3,050	3,006	44	-	3,050	-	-
Sub Total	3,006	44	-	3,050	3,006	44	-	3,050	-	-
Equipment										
Lab and Scientific Equipment	8,073	936	-	9,009	8,073	936	-	9,009	-	-
Heavy Duty Equipment	2,725	-	-	2,725	2,725	-	-	2,725	-	-
Furniture and Office Equipment	2,568	63	-	2,631	2,568	63	-	2,631	-	-

2019										
Category	Gross Block				Accumulated Depreciation				Net Block	
	Balance	During the current year		Balance	Balance	During the current year		Balance	Balance	Balance
	As at January 1, 2019	Additions	Deletions/ Adjustment	As at December 31, 2019	As at January 1, 2019	Additions	Deletions/ Adjustment	As at December 31, 2019	As at January 1, 2019	As at December 31, 2019
Computers	2,290	82	-	2,372	2,290	82	-	2,372	-	-
Vehicles	5,049	87	-	5,136	5,049	87	-	5,136	-	-
Sub Total	20,705	1,168	-	21,873	20,705	1,168	-	21,873	-	-
TOTAL	23,711	1,212	-	24,923	23,711	1,212	-	24,923	-	-
Physical Facilities	3,573	387	-	3,960	3,119	45	-	3,164	454	796
Sub Total	3,573	387	-	3,960	3,119	45	-	3,164	454	796
Equipment										
Lab and Scientific Equipment	20,981	1,621	36	22,566	17,024	1,395	23	18,396	3,957	4,170
Heavy Duty Equipment	5,867	-	(18)	5,885	5,445	34	1	5,478	422	407
Furniture and Office Equipment	7,118	68	75	7,111	6,207	201	114	6,294	911	817
Computers	4,472	122	64	4,530	4,140	142	65	4,217	332	313
Vehicles	10,979	290	47	11,222	9,775	231	2	10,004	1,204	1,218
Sub Total	49,417	2,101	204	51,314	42,591	2,003	205	44,389	6,826	6,925
Total / Aggregate	52,990	2,488	204	55,274	45,710	2,048	205	47,553	7,280	7,721

28. COVID-19 Effect

As at 31st December 2020, COVID-19 virus continues to be declared as a world wide pandemic. Though management anticipates that the spread of the virus may affect the performance of the Institute in 2021 as regards both income and project activities especially if the situation escalates with another possible shutdown, as at the date of this report, it is not possible to reliably estimate the financial effect of the pandemic on the Institute's operations and recoverability of receivables and other financial assets. Management continues to monitor the impact Covid-19 on the Institute and reflect the consequences as appropriate in the subsequent accounting and reporting periods."

Schedule I

International Crops Research Institute for the Semi-Arid Tropics
Restricted Grant Revenues For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
<u>I. Unrestricted</u>					
China	-	-	-	-	48
Phillipines	-	30	-	30	30
Thailand	-	20	-	20	25
Turkey	-	-	-	-	-
Total Unrestricted	-	50	-	50	103
<u>II. Restricted</u>					
A. Windows 1 & 2					
A.1. Windows 1 & 2 with PPA - Portfolio					
CGIAR	10,225	223	786	9,662	11,355
International Centre for Tropical Agriculture (CIAT)	1,601	218		1,819	1,358
International Food Policy Research Institute (IFPRI)	56	149	-	205	173
International Water Management Institute (IWMI)	427	47		474	438
Subtotal - Window 1 & 2 with PPA	12,309	637	786	12,160	13,324
CGIAR Consortium	-	1	-	-	31
Subtotal - Window 1 & 2 without PPA	-	1	-	-	31
Total Window 1 & 2	12,309	638	786	12,160	13,355
B. CGIAR Research Programs - Window 3 - Portfolio					
CGIAR	30,622	-	12,883	17,738	17,975
International Centre for Tropical Agriculture (CIAT)	285	95	41	339	125
Cornell University, USA	529	-	-	529	582
ICAR	985			985	1,081
International Fund For Agricultural Development (IFAD)	189	100	-	289	344
International Institute of Tropical Agriculture (IITA)	965	16	146	835	1,014
International Food Policy Research Institute (IFPRI)	15	15		30	-
International Livestock Research Institute (ILRI)	947	-	215	732	733
Subtotal Window 3 Portfolio	34,537	226	13,285	21,477	21,854
C. CGIAR Research Programs - Window 3 Non-Portfolio					
Adam Smith International	23	-	23	-	-
CGIAR	352	-	256	97	31
International Food Policy Research Institute (IFPRI) / International Centre for Tropical Agriculture (CIAT)	531	32	-	563	853
International Livestock Research Institute (ILRI)	7	64	-	71	33
Subtotal Window 3 Non - Portfolio	913	96	279	731	917

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
D. CGIAR Research Programs - Bilateral: Portfolio					
ACIAR, Australia	103	-	19	84	113
ACIAR thru Australian National University	31	-	22	9	25
Asian Development Bank	-	33	-	4	105
Austrian Development Cooperation thru International Institute for Applied Systems Analysis	77	14	-	91	57
Bayer BioScience Pvt. Ltd.,	-	41	-	-	-
Bioversity International	187	-	187	-	-
International Atomic Energy Agency	20	-	10	10	-
International Livestock Research Institute (ILRI)	40	-	1	39	-
Centre for Dryland Agriculture (CDA) Bayero University, Kano, Nigeria	7	3	-	10	4
Commonwealth Scientific and Industrial Research Organisation (CSIRO)	3	-	-	3	17
CIP through EU	104	-	53	51	-
Dr Reddy's Foundation , Hyderabad	7	-	1	6	-
ICAR - IARI	310	-	201	109	333
The Federal Democratic Republic of Ethiopia Ministry of Agriculture (MOA)	396	-	144	252	51
IFAD	-	13	-	-	-
International Water Management Institute (IWMI)	80	34	-	113	26
International Food Policy Research Institute (IFPRI)	89	-	54	35	-
International Fertilizer Development Center (IFDC)	193	-	13	180	-
GIZ, Germany / Ethiopia	187	679	27	502	520
Good Food Institute	97	0	62	35	0
Environment Protection, Training and Research Institute (EPTRI), Govt. of Telangana, India	13	-	10	3	12
Indira Gandhi Krishi Vishwavidyalaya, Chhattisgarh	19	7	-	26	95
Rural Electrification Corporation Limited (RECL), India	405	-	53	352	-
Biotech Consortium India Limited	9	-	-	9	5
Council of Scientific and Industrial Research (CSIR), India	4	-	-	4	6
Department of Agriculture Cooperation & Farmers Welfare, Govt. of India - Subtotal	54	-	12	42	412
Department of Biotechnology, India	112	66	107	31	184
Nigerian Breweries PLC	9	8	-	17	
Newton Bhabha Fund-BBSRC thru University of Edinburgh/DBT, India	-	75	-	61	74
Biotechnology Industry Research Assistance Council(BIRAC), Govt. of India	14	-	-	14	6
Department of Agricultural Marketing and Agribusiness, Govt. of Tamil Nadu	110	136	-	246	-

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
Department of Science and Technology, India	457	79	327	201	343
Science and Engineering Research Board (SERB), Govt. of India	277	36	119	163	258
Department of Rural Development, District Rural Development Agency (DRDA), Government of Telangana	-	-	-	-	-
TRICOR, Government of Teleangana	-	-	-	-	177
Department of Tribal Welfare, Govt. of Telangana	273	-	-	273	483
Global Innovation & Technology Alliance, India	-	28	-	-	61
Government of Karnataka, India	345	47	33	312	531
Government of Odisha, India	678	589	16	1246	441
Govt. of Uttar Pradesh, India	1,513	4	0	1517	941
ICAR thru NASF	36	25	-	51	100
ICRAF	-	259	-	-	310
Indian Council of Medical Research	11	-	1	10	-
ICRISAT	138	-	-	138	84
IKP Knowledge Park, Telangana, India	-	-	-	-	78
IIM, Ahmedabad (SDSN)	28	-	6	22	-
Ministry of External Affairs, Government of india	-	-	-	-	124
Ministry of Earth Sciences (MoES), Government of India thru Indian Institute of Tropical Meteorology (IITM), Pune, India	155	7	-	162	152
"Mahalanobis National Crop Forecast Centre Department of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Govt. of India"	60	31	-	91	43
Ministry of Tribal Affairs, Govt. of India	9	-	14	(5)	8
National Agricultural Innovation Fund (NAIF)	18	4	-	22	26
Telangana Scheduled Tribes Cooperative Finance Corporation Ltd (TRICOR), Hyderabad	18	24	-	42	29
Govt. of Telangana	839	0	539	300	112
The OPEC Fund for International Development (OFID)	-	-	-	-	245
Professor Jayashankar Telangana State Agricultural University	66	-	66	-	-
Seed Companies	272	130	13	344	696
Ruchi Hi-Rich Seeds Pvt. Ltd.	4	-	4	-	-
Society for Elimination of Rrural Poverty, Department of Rural Development, Govt. of Andhra Pradesh, India	27	-	-	27	110
GREENPETAL INFRA & RESOURCES PVT LTD, Vijayawada	-	1	-	-	2
Irish Aid, Ireland	3,364	-	1,961	1,403	1,774

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
FAO, Nigeria, Italy & Ghana	163	63	7	219	315
The Global Crop Diversity Trust (GCDT)	1,508	299	72	1,735	1,667
EU-Malawi	612	-	66	546	781
Agricultural University of Athens, Greece	14	18	-	32	31
African Development Bank (AFDB), Thru IITA	1,157	-	274	883	1,127
International Institute of Tropical Agriculture (IITA)	486	27	71	442	211
BMZ-GIZ thru CIP	78	59	-	87	287
Oxford Policy Management	-	-	-	-	3
The University Court of the University of Edinburgh, Schotland	-	-	-	-	20
University of Cambridge, UK	50	243	13	219	246
DFID thru Blumont International	-	-	-	-	44
Donald Danforth Plant Science Center	73	-	-	73	286
Kansas State University, USA	-	-	-	-	10
MARS, USA	199	-	-	199	388
MARS Chocolate Inc.	131	0	6	125	101
McKnight Foundation, USA	227	-	78	149	148
SPACEBELL,SA (SPB) Belgium	-	51	-	45	140
SFF/ICRISAT Endowment	-	-	-	-	59
USA	1,630	261	450	1,441	1,320
USAID	235	-	192	43	-
University of Wageningen, The Netherlands	23	-	15	8	20
NL-CGIAR Partnership Programme	420	-	165	255	128
EU - Niger & Mali	1,913	409	1,210	984	875
Agriculture Sensble aux risques Climatiques (PASEC), Niger	190	667	-	857	710
"Conseil Ouest et Centre Africain pour la Recherche et le Développement Agricoles/	-	-	-	-	73
West and Central African Council for Agricultural Research and Development (CORAF/WECARD)"					
IER, Mali	22	-	10	12	8
CARE International	177	546	-	636	908
Catholoc Relief Services (CRS)	681	-	194	487	-
Anheuser Busch Inbev India Limited (ABInBeV)	208	-	145	63	-
Swedish University of Agricultural Sciences , Sweden	60	10	-	70	73
Syngenta Foundation for Sustainable Agriculture	47	-	31	16	13
Sehgal Foundation	38	-	4	34	-
West African Sciences Service Center on Climate Change and Adapted Land Use(WASCAL)	18	12	-	30	-
Michigan State University , USA thru IITA	-	-	-	-	37
Michigan State University (USAID)	-	11	-	11	-

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
National Institute of Agricultural Science of the Rural Development Administration(NAS, RDA), the Republic of Korea	-	-	-	-	119
Norwegian Development Fund (NDF) , Norway	-	-	-	-	200
African Union thru the University of Zambia	-	-	-	-	-
Save the Children International,Harare, Zimbabwe	9	-	9	-	14
Tata-Cornell Insitute of Agricultural and Nutrition, Cornell University, USA	141	1	-	142	92
UNIVERSITY AT POMPEU FABRA, Spain	-	13	-	4	22
Federal Department of Foreign Affairs (FDFA), Swiss Agency for Development and Cooperation (SDC)	553	-	194	359	462
Welthungerhilfe, Zimbabwe	19	15	-	34	75
Deutsche Welthungerhilfe, Zimbabwe	-	410	-	258	221
World Vision International Zimbabwe	49	-	1	48	81
Sabancı University, Turkey	2	3	-	5	-
Food and Agricultural Organisation of the United Nations (FAO)	2	0	1	1	21
BBSRC thru University of Cambridge	167	-	44	123	58
Aberystwyth University	24	38	-	62	2
Afri - Oils- Limited	46	15	-	61	4
Ultratech Cements Limited	52	-	12	40	25
Ministry of Micro, Small & Medium Enterprises (MSME) , India	4	-	-	4	26
DBT, IISC, Bangalore	13	-	3	10	5
Pioneer Hi-Bred International, Inc.(“Corteva”)	49	-	47	2	-
The institute Wageningen Centre for Development Innovation (WCDI)	41	0	29	12	0
The University of Nottingham	170	-	123	47	126
Scotland’s Rural College (SRUC)	-	-	-	-	24
University College of London,United Kingdom	-	30	-	30	30
Wellcome Trust thru The London School of Hygiene & Tropical Medicine (LSHTM)	2	-	-	2	-
Global Challenges Research Fund thru the University of Reading	10	-	2	8	13
King Abdullah University of Science and Technology (KAUST), Saudi Arabia	48	38	-	86	85
Tata Education and Development Trust, Mumbai	23	-	23	-	25
Tetra Tech/ SERVIR WA	-	8	-	8	-
Trident Sugars Ltd.,	81	22	-	103	-
Subtotal Bilateral Portfolio	23,133	5,642	7,566	19,807	20,932

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
E. CGIAR Research Programs - Bilateral: Non-Portfolio					
AP State Skill Development Corporation [APSSDC], Govt. of Andhra Pradesh, India	-	14	-	-	-
DBT, IISC, Bangalore	13	-	3	10	5
Directorate of Agriculture and Food Production, Govt of Odisha	184	129	-	313	1,209
Department of Agriculture & Cooperation, India	18	-	18	-	-
Department of Agriculture & Cooperation, (NFSM-Cell) India - Thru SKRAU	18	-	18	-	-
Department of Science and Technology, India	24	-	5	19	10
Science and Engineering Research Board (SERB), Govt. of India	29	4	4	29	17
Earthnote Co. Ltd	-	59	-	-	-
FARA, Ghana	-	206	-	-	-
GIZ, Germany	(3)	56	-	53	270
Government of Karnataka, India	62	-	-	62	172
Indo-US Joint Clean energy Research and Development Center (JCERDC), thru IICT, India	-	80	-	-	-
Catholoc Relief Services (CRS)	-	0	0	0	70
Anheuser Busch Inbev India Limited (ABInBeV)	-	-	-	-	-
Ministry of Food Processing Industries, Government of India (MoFPI)	-	240	-	-	-
Navajbai Tata Trust, India	3	-	3	-	-
Practical Action, Zimbabwe	27	20	-	47	84
START International, Inc.	-	25	-	-	-
University of Saskatchewan, Canada	-	8	0	0	0
USA	103	16	103	0	-
Subtotal Bilateral Non Portfolio	478	857	154	533	1,837
Total Bilateral	23,611	6,499	7,720	20,340	22,769
F. Bilateral - Others :					
PEAT, GmbH, Germany	25	2	-	27	62
Asian Paints Limited	-	-	-	-	145
Biotechnology Industry Research Assistance Council (BIRAC), India	-	88	-	54	103
Central India Initiative (CInI), India	1	18	-	19	24
Department of Biotechnology, India	162	42	15	189	161
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	11	9	4	7	41
Agrinos Pvt Limited	7	-	-	7	12
Government of Andhra Pradesh, India	7	8	-	15	102

Donor	Funds Available	Receivables from Donors	Deferred Revenue	Grants Revenue	
				2020	2019
Government of Karnatka, India	218	-	-	218	1,468
Jindal South West Foundation	320	79	110	289	702
Mahindra & Mahindra Ltd	94	-	45	49	64
Ministry of Earth Sciences, Government of India	-	5	-	-	20
Power Grid Corporation of India Limited	371	-	97	274	403
Rabobank Bank Foundation Employees Fund, The Netherlands	4	-	4	-	-
SAB Miller India	13	-	13	-	7
Science & Engineering Research Board, DST, Govt. of India	-	3	-	-	13
Ministry of Irrigation, Govt. of Telangana					-
McKnight Foundation	-	-	-	-	12
Department of Agricultural Marketing and Agribusiness, Govt. of Tamil Nadu	-	112	-	48	192
The World Vegetable Center(World Veg)- Govt of Odisha	70	-	34	36	-
Trident Sugars Ltd.,					-
Sub Total Bilateral Others	1,303	366	322	1,232	3,531
Total : Bilateral (D & F)	24,914	6,865	8,042	21,572	26,300
Grand Total (A to F)	72,673	7,825	22,392	55,940	62,427
Grand Total (I+II)	72,673	7,875	22,392	55,990	62,530

Schedule II

International Crops Research Institute for the Semi-Arid Tropics
Restricted Grant Revenues For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
A. Windows 1 & 2									
A.1. Windows 1 & 2 with PPA - Portfolio									
CGIAR	CRP on Grain Legumes and Dryland Cereals	W 1& 2 with PPA	Portfolio	1-Jan-2018	31-Dec-2021	24,251	14,606	8,073	22,679
CGIAR	CRP for Genebanks (GCDT thru Bioversity)	W 1& 2 with PPA	Portfolio	1-Jan-2011	31-Dec-2020	22,072	19,482	1,589	21,071
CGIAR Subtotal						46,323	34,088	9,662	43,750
CIAT	CRP on Climate Change, Agriculture and Food Security	W 1& 2 with PPA	Portfolio	1-Jan-2011	31-Dec-2021	12,933	11,598	1,335	12,933
CIAT	West Africa Regional Program Leader of the CGIAR Program on Climate Change, Agriculture and Food Security (CCAFS)	W 1& 2 with PPA	Portfolio	1-Jan-2011	31-Dec-2021	11,284	10,422	459	10,881
CIAT	Implementing the CGIAR Platform: Big Data in Agriculture - Modules 2017, 2018, 2019 and 2020	W 1& 2 with PPA	Portfolio	1-Jan-2017	31-Dec-2021	240	225	15	240
CIAT	Using Remotely Piloted Aircraft System (RPAS)- RPAS Generated images to assist breeding; A four party initiative proposal for the CGIAR.	W 1& 2 with PPA	Portfolio	1-Dec-2019	31-Dec-2021	30	-	10	10
CIAT Subtotal						24,487	22,245	1,819	24,064
IFPRI	CRP Policies, Institutions and Markets	W 1& 2 with PPA	Portfolio	1-Jan-2012	31-Dec-2021	6,378	6,173	205	6,378
IWMI	CRP on Water, Land and Ecosystems	W 1& 2 with PPA	Portfolio	1-Jan-2012	31-Dec-2021	5,794	5,320	474	5,794
Subtotal - Window 1 & 2 with PPA						82,982	67,826	12,160	79,986
Subtotal - Window 1 & 2 without PPA						-	-	-	-
Total Window 1 & 2						82,982	67,826	12,160	79,986
B. CGIAR Research Programs - Window 3 - Portfolio									
CGIAR	Climate Information Services for Increased Resilience and Productivity in Senegal (CINSERE - Senegal) (USAID)	W3	Portfolio	20-Apr-2016	31-Mar-2021	3,539	2,947	427	3,374

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
CGIAR	Developing Sustainable Market-based Weather Climate Information Services in Senegal (CINSERE - Plus) (USAID)	W3	Portfolio	1-Jan-2020	31-Mar-2021	3,138	-	1,137	1,137
CGIAR	Tropical Legumes III - Improving Livelihoods for Smallholder Farmers: Enhanced Grain Legume Productivity and Production in Sub-Saharan Africa and South Asia (Bill & Melinda Gates Foundation (BMGF), USA)	W3	Portfolio	23-Apr-2015	31-Jul-2020	25,080	24,869	204	25,073
CGIAR	Harnessing Opportunities for Productivity Enhancement (HOPE) of Sorghum and Millets in Sub-Saharan Africa Phase 2 (Bill & Melinda Gates Foundation (BMGF), USA)	W3	Portfolio	12-Nov-2015	30-Apr-2020	12,366	11,055	1,311	12,366
CGIAR	Shared Industrial-scale Low-density SNP Genotyping for CGIAR and Partner Breeding Programs Serving SSA and SA (Bill & Melinda Gates Foundation (BMGF), USA)	W3	Portfolio	12-Nov-2015	31-Dec-2020	3,998	3,226	763	3,989
CGIAR	Accelerated varietal improvement and seed delivery of legumes and cereals in Africa (AVISA) - (Bill & Melinda Gates Foundation)	W3	Portfolio	16-Oct-2018	30-Nov-2022	33,575	4,808	8,545	13,353
CGIAR	Training Programs for Chinese Young Scientists (China)	W3	Portfolio	1-Jan-2011	31-Dec-2021	171	169	2	171
CGIAR	Supporting Collaborative Projects in China (China)	W3	Portfolio	1-Jan-2011	31-Dec-2021	450	352	36	388
CGIAR	Supporting the Groundnut Bacterial Wilt working Group (China)	W3	Portfolio	1-Jan-2018	31-Dec-2021	60	47	13	60
CGIAR	Large-scale Diffusion of Technologies for Sorghum and Millet Systems in Mali (ARDT-SMS) (USAID - thru World Bank)	W3	Portfolio	11-Apr-2014	31-Jan-2021	18,125	16,798	1,257	18,055

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
CGIAR	Crops to End Hunger Initiative (USAID)	W3	Portfolio	1-Sep-2018	31-Dec-2020	4,281	1,121	1,692	2,813
CGIAR	USAID AVISA-Aligned Investment Implementation Plan	W3	Portfolio	1-Jan-2020	31-Dec-2021	9,650	-	2,351	2,351
CGIAR Subtotal						,14,433	65,392	17,738	83,130
CIAT	Building Livelihoods and Resilience to Climate Change in East and West Africa: Agricultural Research for Deelopment (AR4D) for Large Scale Implementation of Climate Smart Agriculture	W3	Portfolio	1-Jan-2019	30-Sep-2021	642	125	245	370
CIAT	Building Livelihoods and Resilience to Climate Change in East and West Africa: Agricultural Research for Deelopment (AR4D) for Large Scale Implementation of Climate Smart Agriculture	W3	Portfolio	1-Jan-2019	30-Sep-2021	182	-	85	85
CIAT	Building Livelihoods and Resilience to Climate Change in East and West Africa: Agricultural Research for Deelopment (AR4D) for Large Scale Implementation of Climate Smart Agriculture	W3	Portfolio	1-Jan-2019	30-Sep-2021	112	-	9	9
CIAT Subtotal						936	125	339	464
Cornell University, USA	Delivering High-Density Genomics Breeder's Tools (Bill & Melinda Gates Foundation (BMGF), USA)	W3	Portfolio	21-Nov-2014	30-Jun-2021	2,898	2,329	529	2,858
ICAR	ICAR-ICRISAT Collaborative Work Plan 2019-2023 (India)	W3	Portfolio	1-Jan-2019	31-Dec-2023	5,475	1,081	985	2,066
IFAD	Strengthening Sorghum and Millet Value Chains for Food, Nutritional and Income Security in Arid and Semi-arid Lands of Kenya and United Republic of Tanzania (SOMNI)	W3	Portfolio	1-Sep-2016	31-Aug-2020	1,500	1,198	289	1,487
IFPRI	New nutrient dense iron and zinc pearl millet cultivars for improved human nutrition in Uganda	W3	Portfolio	1-Jan-2020	31/12/2020	30	-	30	30

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
IITA	Sustainable Intensification of Key Farming Systems in the Sudano-Sahelian Zone of West Africa -(USAID)	W3	Portfolio	1-Jan-2012	30-Jun-2021	6,340	5,417	644	6,061
IITA	CGIAR Excellence in Agronomy(EiA) 2030 (Incubation Phase)	W3	Portfolio	1-Aug-2020	30-Jun-2022	276	-	18	18
IITA	Intensification of Maize-Legume based Systems in the Semi-Arid Areas of Tanzania (Kongwa and Kiteto Districts) to Increase Farm Productivity and Improve Farming Natural Resource Base - (USAID)	W3	Portfolio	1-Jan-2013	30-Sep-2020	3,004	2,876	124	3,000
IITA	Feed the Future Mozambique Improve Seeds for Better Agriculture (SEMEAR) (USAID)	W3	Portfolio	1-Nov-2015	15-Sep-2020	1,468	1,419	49	1,468
IITA Subtotal						11,088	9,712	835	10,547
ILRI	Feed the Future - Accelerated Value Chains Development Program (FtF AVCD) {USAID}	W3	Portfolio	1-Mar-2019	30-Sep-2021	1,680	733	732	1,465
Subtotal Window 3 Portfolio						1,38,040	80,570	21,477	1,02,047
C. CGIAR Research Programs - Window 3 Non-Portfolio									
CGIAR	Establishment of CAAS-ICRISAT-ICARDA Joint Centre of Excellence for Dry Land Agriculture (China)	W3	Non Portfolio	1-Jan-2007	31-Dec-2021	450	128	97	225
IFPRI	Genetically Enhanced Pearl Millet with High Grain Iron Density for Improved Human Nutrition in India - HarvestPlus Phase II	W3	Non Portfolio	1-Jan-2017	30-Jun-2021	1,816	1255	481	1,736
IFPRI	Partnership-based Genetic Enhancement of Pearl Millet for High Grain Iron Density and Improved Human Nutrition in India - HarvestPlus Phase II	W3	Non Portfolio	1-Jan-2009	31-Dec-2020	1,841	1,754	69	1,823
IFPRI	Identification of Micronutrients - Dense-Sorghums for Better Health in Western and Central Africa (WCA) - HarvestPlus Phase II	W3	Non Portfolio	1-Jan-2016	31-May-2020	365	352	13	365

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
ILRI	Scaling Niche-Specific Input Delivery Systems in the Ethiopian Hihglands (Niches)	W3	Non Portfolio	1-Apr-2017	30-Apr-2020	278	161	71	232
Subtotal Window 3 Non - Portfolio						4,750	3,650	731	4,381
D. CGIAR Research Programs - Bilateral: Portfolio									
ACIAR	Transforming Smallholder Irrigation into Profitable and Self-Sustaining Systems in southern Africa	Bilateral	Portfolio	1-Aug-2017	15-Jun-2021	481	313	84	397
ACIAR	Spill over proposal: Scaling out 'Tools + AIPs' in Zimbabwe irrigation schemes. Matabeleland North Province pilot	Bilateral	Portfolio	1-Dec-2018	30-Jun-2021	56	25	9	34
ACIAR - Subtotal						537	338	93	431
African Development Bank (AFDB), Thru CIAT	Implementation of Technologies for African Agricultural transformation(TAAT) High Iron Bean Impact	Bilateral	Portfolio	1-Oct-2020	31-Mar-2021	15	-	-	-
African Development Bank (AFDB), Thru IITA	Nigeria Agricultural Transformation Agenda Support Program - Phase 1 (ATASP-1)- Sorghum	Bilateral	Portfolio	1-Mar-2015	28-Feb-2021	5,000	3,176	624	3,800
African Development Bank (AFDB), Thru IITA	Technologies for African Agricultural Transformation (TAAT) African Development Bank (AFDB)	Bilateral	Portfolio	2-Feb-2018	30-Nov-2021	1,751	877	259	1,136
AFDB - Subtotal						6,766	4,053	883	4,936
CARE International, Mali	Enhancing resource use efficiency through integrated land and water management practices in the watershed villages of Badiangara and Douentza, Mopti region	Bilateral	Portfolio	1-Nov-2018	30-Jun-2020	450	295	95	390
CARE International, Zimbabwe	Enhancing Community Resilience and Sustainability (ECRAS) - UNDP funded	Bilateral	Portfolio	1-Jul-2016	30-Jun-2022	1,617	1,106	398	1,504
CARE International, Zimbabwe	Enhancing Community Resilience and Inclusive Market Systems in Zvishavane and Mberengwa Districts of Zimbabwe (ECRIMS) - UNDP funded	Bilateral	Portfolio	9-Oct-2017	30-Jun-2022	1,400	917	143	1,060
CARE International - Subtotal						3,467	2,318	636	2,954

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Biotechnology, Govt of India	Characterization of Chickpea Germplasm Resource to Accelerate Genomics-assisted Corp Improvement	Bilateral	Portfolio	23-Nov-2020	22-Nov-2025	1,264	-	-	-
Department of Biotechnology, Govt of India	Improving Chickpea Adaptation to Environmental Challenges in Australia and India	Bilateral	Portfolio	6-Jan-2017	31-Dec-2020	257	191	17	208
Department of Biotechnology, Govt of India	Genome-wide Epigenetic Profiling of Pigeonpea Parental Lines and thereof Derived Hybrids for Understanding Molecular Basis of Heterosis	Bilateral	Portfolio	8-Aug-2017	7-Aug-2020	60	53	7	60
Department of Biotechnology, Govt of India	DBT-JRF Fellowship Grant for Ms. Kaniganti Sirisha	Bilateral	Portfolio	11-Sep-2017	10-Sep-2022	31	15	6	21
Department of Biotechnology, Govt of India	Mainstreaming sesame germplasm for productivity enhancement and sustainability through genomics assisted core development and trait discovery	Bilateral	Portfolio	1-Apr-2020	31-Mar-2025	68	-	1	1
Department of Biotechnology, Govt of India	Validation of Genomics Selection Model and Its Strengthening For Application Towards Grain Yield Improvement in Pearl Millet Hybrids	Bilateral	Portfolio	1-Jul-2019	30-Jun-2021	24	5	10	15
DBT - Subtotal						1,704	264	41	305
Department of Science & Technology(DST), India	NIDHI- Seed Support System	Bilateral	Portfolio	1-Apr-2020	31-Mar-2021	719	-	-	-
Department of Science & Technology(DST), India	Understanding the Drought Tolerance Mechanism in Chickpea using Epigenetics (INSPIRE) - Faculty Award for Dr. Manish Roorkiwal	Bilateral	Portfolio	30-Apr-2015	31-Jul-2020	55	46	9	55

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Science & Technology(DST), India	Nutritional and Nutraceutical Properties of Cereal and Legume-based Traditional Foods from India and South Africa and their Role in Addressing Malnutrition, Hidden Hunger and Chronic Non-communicable Diseases	Bilateral	Portfolio	28-Feb-2017	31-Aug-2020	60	49	6	55
Department of Science & Technology(DST), India	DST-ICRISAT Center of Excellence on Climate Change Research for Plant Protection (CoE-CCRPP): Pest and disease management for climate change adaptation	Bilateral	Portfolio	23-Mar-2018	31-Mar-2023	1,021	486	108	594
Department of Science & Technology(DST), India	Root hydraulics: Towards answering the recent global question on root functionality and possible use in crop improvement programs - German Academic Exchange Service (DAAD)	Bilateral	Portfolio	26-Jun-2018	25-Jun-2020	14	14	-	14
Department of Science & Technology(DST), India	Dr Alice Kujur - INSPIRE Faculty Fellowship - Genome-wide dissection of vital metabolic-quantitative trait loci for developing nutrient-rich cultivars of chickpea	Bilateral	Portfolio	1-Oct-2018	31-Jul-2023	152	46	34	80
Department of Science & Technology(DST), India	Impact of Plant Growth-Promoting Rhizobacteria (PGPR) and their nano-formulations on the growth-promoting and biocontrol traits in chickpea, Cicer arietinum L.	Bilateral	Portfolio	15-Jul-2019	14-Jul-2022	48	5	15	20
Department of Science & Technology(DST), India	Assessment of Phosphorus deficiency on plant growth, water use efficiency and grain yield related traits of Foxtail millet using high-throughput phenotyping platforms	Bilateral	Portfolio	20-Jun-2019	19-Jun-2021	31	8	15	23

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Science & Technology(DST), India	Genome Characterization of Fusarium Udim Population Present in India and Identification of Avr and R gene(s) Through Host Pathogen Interaction	Bilateral	Portfolio	10-Oct-2019	9-Oct-2024	33	-	8	8
Department of Science & Technology(DST), India	Molecular Strategies for Capturing Heterosis in Hybrid Pigeon Pea (Cajanus Cajan (L.) Millspaugh) (N PDF)	Bilateral	Portfolio	25-Oct-2019	24-Oct-2024	33	-	6	6
DST - Subtotal						2,166	654	201	855
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Differential Expression Analysis on Calcium Signature Genes in Association With Groundnut Peg and Pod Developmental Stages Under Moisture Stress	Bilateral	Portfolio	17-Feb-2020	16-Feb-2022	31	-	14	14
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Deciphering the Mechanism Of Resistance to Root Lesion Nematode in Chickpea by Using Genetic and Genomic Approaches	Bilateral	Portfolio	6-Feb-2020	5-Feb-2023	36	-	7	7
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Biotechnological Approaches For Developing Acyanogenic Forage Sorghum Under Drought Prone Environments for Enhanced Livestock Productivity"	Bilateral	Portfolio	20-Feb-2020	19-Feb-2023	58	-	10	10
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Nutri- Transcriptomics for identification of candidate genes for Iron (Fe) and Zinc (Zn) content in pearl millet (Pennisetum galucum (L.) R.Br)	Bilateral	Portfolio	18-Mar-2020	17-Mar-2023	54	-	1	1
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Genome Characterization of Fusarium Udim Population Present in India and Identification of Avr and R gene(s) Through Host Pathogen Interaction	Bilateral	Portfolio	23-Mar-2020	22-Mar-2023	46	-	11	11

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Identification of Candidate Genes and Development of Markers for Molecular Breeding of Early Flowering in Chickpea (<i>Cicer arietinum</i> L.)	Bilateral	Portfolio	6-Feb-2017	5-Feb-2020	51	48	1	49
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Identification and Functional Validation of Genes Governing Sterility and Restoration in Pigeonpea (INSPIRE Fellowship to Ms Joorie Bhattacharya)	Bilateral	Portfolio	9-Jun-2017	8-Jun-2021	27	14	8	22
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Genetic Dissection and Identification of Quantitative Trait Loci for Heat Tolerance in Groundnut (<i>Arachis hypogaea</i> L.) - INSPIRE Fellowship to Mr Sunil Shiwaji Gangurde	Bilateral	Portfolio	9-Jun-2017	8-Jun-2021	27	15	8	23
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Validation of SNPs for Foliar Fungal Disease Resistance and High Oleic Trait for Selection Decisions in Groundnut Breeding - Gattu Swathi	Bilateral	Portfolio	3-Apr-2018	2-Apr-2020	30	27	3	30
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Isolation and characterization of antifungal protease inhibitors for biotic stress breeding in nutri-dense Pearl Millet: Fellowship to Dr. M. Swathi	Bilateral	Portfolio	3-Apr-2018	2-Apr-2020	30	27	3	30
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	National Post-Doctoral Fellowship to Dr V Sujay	Bilateral	Portfolio	2-Apr-2018	1-Apr-2020	30	25	5	30
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	National Post-Doctoral Fellowship to Mr. Madhu Pusuluri - Identification of novel genes/genomic regions for nitrogen use efficiency (NUE) in pearl millet	Bilateral	Portfolio	18-Apr-2018	17-Oct-2020	36	24	12	36

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	National Post-Doctoral Fellowship - Ram Baran Singh - Development of Genome-wide SNP Array for Accelerating Genetic Studies and Molecular Breeding in Pearl Millet (<i>Pennisetum glaucum</i> (L.)	Bilateral	Portfolio	9-Apr-2018	8-Oct-2020	36	20	15	35
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	National Post-Doctoral Fellowship to Dr Krithika Anbazhagan - Determining adaptability of mungbean (<i>Vigna radiata</i> (L.) R. Wilczek) varieties for drought environments using traits Associated with Plant Architecture, water uptake, phenology and yield	Bilateral	Portfolio	2-Apr-2018	1-Oct-2020	35	22	13	35
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	National Post-Doctoral Fellowship - Dr Sailaja Bhogireddy - Dynamics of Heat Induced DNA Methylation and Methylated Associated Genes in Chickpea Flower using Epigenetic Approach	Bilateral	Portfolio	2-Apr-2018	1-Apr-2020	29	24	5	29
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Dr Hima Bindu Kudapa - RNA-seq based transcriptome profiling for identification and validation of heat stress responsive genes in chickpea (<i>Cicer arietinum</i> L.)	Bilateral	Portfolio	23-Jul-2018	22-Jul-2021	25	17	-	17
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	An integrated framework for exploring the water saving mechanism in pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.]: An important cereal crop of semi-arid tropics	Bilateral	Portfolio	7-Sep-2018	6-Sep-2021	46	10	14	24
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	J C Bose Fellowship to Dr Rajeev Kumar Varshney	Bilateral	Portfolio	25-Nov-2018	24-Oct-2023	132	50	4	54

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Enabling high throughput phenotyping and genetic mapping for canopy size and structure components in sorghum diversity panel: novel opportunities to understand and enhance environmental adaptations in sorghum	Bilateral	Portfolio	18-Mar-2019	27-Mar-2022	39	3	11	14
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	National Post-Doctoral Fellowship - Abhilash Kumar - Genomic dissection of yield contributing traits in rice through genome-wide association mapping using 3K panel	Bilateral	Others	5-Apr-2018	4-Apr-2020	30	21	2	23
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Mapping nucleosome positioning and their influence on stress response in chickpea	Bilateral	Portfolio	22-Mar-2019	21-Mar-2022	60	10	16	26
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India - Subtotal						888	357	163	520
Directorate of Agriculture and Food Production, Govt of Odisha	Implementation of "Supply of PICS Bags" under the project "Incentivization of non-paddy crops - Oilseeds	Bilateral	Portfolio	1-Jan-2019	31-Dec-2021	263	90	80	170
Directorate of Agriculture and Food Production, Govt of Odisha	Improved Pigeonpea Production Technology in Rainfed Upland Ecosystems of Odisha	Bilateral	Portfolio	1-Apr-2019	31-Mar-2020	118	118	-	118
DAFP - Subtotal						381	208	80	288
EU	Enhancing resilience of livestock-based systems in Afar and Eastern Amhara through integrating tailored dryland innovations (ELSAT)"	Bilateral	Portfolio	1-Dec-2020	31-Oct-2022	553	-	-	-
EU Mali	Améliorer la productivité des cultures et la résilience au climat pour la sécurité alimentaire et nutritionnelle au Mali (APSAN-Mali)(DeSIRA)	Bilateral	Portfolio	21-Oct-2019	20-Oct-2024	4,389	29	423	452

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
EU-Malawi	Improved Livelihoods through Sustainable Intensification and Diversification of Market Oriented Crop-livestock Systems in Southern Malawi	Bilateral	Portfolio	23-Feb-2017	23-Mar-2021	3,194	1754	546	2,300
EU-Niger	"Appui au Ministère de l'Environnement et du Développement Durable dans le cadre de la mise en œuvre du PARC-DAD Support to the Ministry of Environment and Sustainable Development in the implementation of PARC-DAD"	Bilateral	Portfolio	22-Nov-2017	30-Sep-2020	1,687	1,085	561	1,646
EU- Subtotal						9,823	2,868	1,530	4,398
Food and Agricultural Organisation of the United Nations (FAO)	Technical Training of MoA Staff, Genotyping and Gene Banking of Somali Local Land Races of Maize, Sorghum and Cowpea	Bilateral	Portfolio	31-Jul-2019	31-Mar-2020	26	17	9	26
Food and Agricultural Organisation of the United Nations (FAO)	Harnessing dryland legume and cereals genetic resource for food and nutrition security and resilient farming systems in Malawi and Zambia	Bilateral	Portfolio	17-Jun-2019	16-Mar-2022	425	71	140	211
Food and Agricultural Organisation of the United Nations (FAO)	Building the Necessary Evidence Base to Support the Scaling up of Climate-Smart Agriculture (CSA) Approach in Africa	Bilateral	Portfolio	15-Oct-2019	31-May-2020	77	21	1	22
Food and Agricultural Organisation of the United Nations (FAO)	Preparing the initial system architecture for a knowledge management system for FAO GEF Sustainable Rice Landscapes projects	Bilateral	Portfolio	30-Dec-2019	30-Apr-2020	29	-	29	29
Food and Agricultural Organisation of the United Nations (FAO)	Compiling Good and Promising Practices on the Application of Information and Communication Technologies (ICT) in Agriculture from India	Bilateral	Portfolio	30-Dec-2019	30-Sep-2020	39	-	39	39

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Food and Agricultural Organisation of the United Nations (FAO)	"Strengthening Monitoring and Evaluation in Projects of International in India	Bilateral	Portfolio	30-Dec-2019	30-Nov-2020	49	-	-	-
Food and Agricultural Organisation of the United Nations (FAO)	Improving the draft GEF -7 KMS and M&E platform to incorporate the GCF programme framework and indicators and enhance its potential as an adaptive learning tool for FAO GEF and GCF field projects	Bilateral	Portfolio	1-Oct-2020	30-Apr-2021	30	-	2	2
FAO- Subtotal						675	109	220	329
ICAR - IARI	Application of Next-Generation Breeding, Genotyping, and Digitalization Approaches for Improving the Genetic Gain in Indian Staple Crops (Bill & Melinda Gates Foundation)	Bilateral	Portfolio	1-Nov-2018	31-Oct-2022	1,035	333	109	442
ICAR thru NASF	Identifying the genomic regions and genes for drought and heat tolerance in groundnut	Bilateral	Portfolio	1-Aug-2018	31-Jul-2021	128	60	41	101
ICAR thru NASF	Genomics strategies for improvement of yield and seed composition traits under drought stress conditions in Soybean	Bilateral	Portfolio	1-Dec-2018	30-Nov-2021	128	77	10	87
ICAR - Subtotal						1,291	470	160	630
IITA	Extension of Equipment and Facilities for increasing seed health indexing throughput in ICRISAT-Patancheru and ICRISAT-Niger	Bilateral	Portfolio	1-Jan-2020	31-Dec-2020	39	-	39	39
IITA	Climate Smart Agricultural Technologies for Improved Rural Livelihoods and Food Security in Mali (Norwegian Ministry of Foreign Affairs)	Bilateral	Portfolio	15-Jan-2019	2-Nov-2023	510	91	95	186

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
IITA	Climate Smart Agricultural Technologies for Improved Rural Livelihoods and Food Security in Niger (Norwegian Ministry of Foreign Affairs)	Bilateral	Portfolio	15-Jan-2019	2-Nov-2023	510	100	115	215
IITA	Feed the Future Nigeria Integrated Agriculture Activity	Bilateral	Portfolio	1-Sep-2019	30-May-2021	655	20	193	213
IITA - Subtotal						1,714	211	442	653
International Food Policy Research Institute (IFPRI)	Scaling of experiential scaling tools for sustainable water governance in India	Bilateral	Portfolio	1-Mar-2020	30-Nov-2022	276	-	23	23
International Food Policy Research Institute (IFPRI)	Next Generation Crop Production Analytics Using Smartphone 3D Imaging and Dynamic Area Sampling Frames	Bilateral	Portfolio	25-Aug-2020	30-Aug-2021	71	-	12	12
IFPRI - Subtotal						347	-	35	35
Internationale Zusammenarbeit (GIZ) GmbH	Facilitating change in soil fertility management	Bilateral	Portfolio	1-Mar-2018	28-Feb-2021	359	197	71	268
Internationale Zusammenarbeit (GIZ) GmbH	Farming System-specific Biofortification for Increased Yield and Improved Human Nutrition in the Ethiopian Highlands	Bilateral	Portfolio	1-Jul-2018	30-Jun-2020	203	75	78	153
Internationale Zusammenarbeit (GIZ) GmbH	Enhancing smallholder farmers' productivity, food and nutrition security in West Africa using high yielding and nutritious sorghum and pearl millet hybrids and varieties(ESPHYV)	Bilateral	Portfolio	1-Jan-2020	31-Dec-2022	1,394	-	353	353
Internationale Zusammenarbeit (GIZ) GmbH through CIP	KULIMA Promoting Farming in Malawi: Improving the access to and use of agriculture research innovations by Malawian farmers	Bilateral	Portfolio	1-Jan-2020	31-Dec-2021	303	-	87	87
Internationale Zusammenarbeit (GIZ) GmbH	Managing Agricultural Soils as Carbon Sinks through adoption of negative emission strategies (MASCS)	Bilateral	Portfolio	1-Dec-2020	30-Nov-2022	448	-	-	-
GIZ - Subtotal						2,707	272	589	861

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
MARS Chocolate Inc.	Identification of Markers and Genomic Regions Associated with Aflatoxin Resistance in Peanut	Bilateral	Portfolio	1-Oct-2016	31-Dec-2020	902	703	199	902
MARS Chocolate Inc.	Seed increase of high oleic lines in India (2019)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2020	83	33	45	78
MARS Chocolate Inc.	Furthering breeding and testing pipelines of 'High Oleic' peanut varieties in India (2019)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2020	148	68	80	148
MARS - Subtotal						1,133	804	324	1,128
Ministry of Earth Sciences (MoES), Government of India thru Indian Institute of Tropical Meteorology (IITM), Pune, India	Enhancing Groundnut Productivity in Andhra Pradesh and Karnataka through Farmer Acceptable Climate Smart Strategies and Weather Based Crop Management Advisories	Bilateral	Portfolio	1-Aug-2018	31-Jul-2021	159	60	30	90
Ministry of Earth Sciences (MoES), Government of India thru Indian Institute of Tropical Meteorology (IITM), Pune, India	Innovative and Contextual Advisory services for Climate Smart Agriculture	Bilateral	Portfolio	29-Nov-2018	28-Nov-2021	180	37	50	87
Ministry of Earth Sciences (MoES), Government of India thru Indian Institute of Tropical Meteorology (IITM), Pune, India	Climate Services for Better Risk Management and Build Resilience of Smallholder Farmers in the Highly Vulnerable Rainfed Areas of India	Bilateral	Portfolio	11-Dec-2018	10-Dec-2021	208	64	82	146
IITM - Subtotal						547	161	162	323
Seed Companies	Diversification of Sorghum Hybrid Parents for Increased Stable Production	Bilateral	Portfolio	1-Jan-2009	31-Dec-2023	1,607	1,429	62	1,491
Seed Companies	Diversification of Pearl Millet Hybrid Parents for Increased Stable Production	Bilateral	Portfolio	1-Jan-2009	31-Dec-2023	5,427	3,913	267	4,180
Seed Companies	Promote Research and Allied Activities Under Groundnut Varietal Development Research Consortium (GVDRC)	Bilateral	Portfolio	1-Jan-2020	31-Dec-2024	8	-	8	8
Seed Companies	Sorghum and Pearl Millet Hybrid Parents Research Consortium	Bilateral	Portfolio	1-Jul-2018	30-Jun-2022	58	7	7	14

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Seed Companies	Diversification of Pigeonpea Hybrid Parents for Increased Stable Production	Bilateral	Portfolio	1-Jan-2020	31-Dec-2023	7	-	-	-
Seed Companies - Subtotal						7,107	5,349	344	5,693
The Global Crop Diversity Trust (GCDT)	Synthesis of New Abiotic and Biotic Stress Tolerant Gene Pool through Introgression of Alleles from Wild Species into Pearl Millet Cultivars	Bilateral	Portfolio	1-Sep-2015	30-Nov-2020	450	417	32	449
The Global Crop Diversity Trust (GCDT)	Improving Finger Millet Productivity through Exploitation of Wild Germplasm (Eleusine spp.)	Bilateral	Portfolio	1-Oct-2015	31-Mar-2021	813	589	181	770
The Global Crop Diversity Trust (GCDT)	CRP for Genebanks (GCDT thru Bioversity)	Bilateral	Portfolio	1-Jan-2017	31-Dec-2020	3,437	2,835	367	3,202
The Global Crop Diversity Trust (GCDT)	CRP for Genebanks (GCDT thru Bioversity)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2020	162	81	-	81
The Global Crop Diversity Trust (GCDT)	CRP for Genebanks (GCDT thru Bioversity)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2021	395	84	203	287
The Global Crop Diversity Trust (GCDT)	Safeguarding crop diversity for food security:Pre Breeding complemented with innovative finance: The finger millet component	Bilateral	Portfolio	1-Aug-2019	31-Jul-2022	608	92	202	294
The Global Crop Diversity Trust (GCDT)	CRP for Genebanks (GCDT thru Bioversity)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2020	200	-	192	192
The Global Crop Diversity Trust (GCDT)	CRP for Genebanks (GCDT thru Bioversity)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2020	500	-	431	431
The Global Crop Diversity Trust (GCDT)	Utilization of introgression lines derived from wild Cajanus species for pigeonpea (Cajanus cajan) improvement	Bilateral	Portfolio	1-Jul-2018	31-Dec-2020	436	274	127	401
GCDT - Subtotal						7,001	4,372	1,735	6,107
The Trustees of Columbia University in the city of New York	Covid-19 cascading impacts: Re-shaping staple food value chains in Zimbabwe	Bilateral	Portfolio	1-Sep-2020	1-Apr-2021	50	-	-	-
The Trustees of Columbia University in the city of New York	AgMIP Adaptation Teams Start-Up - A CLARE Transition Activity: Zimbabwe Prime Award No. 109204-001	Bilateral	Portfolio	1-Oct-2019	31-Jul-2021	343	-	198	198

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
The Trustees of Columbia University - Subtotal						393	-	198	198
The University of Georgia Research Foundation Inc.	Global Hunger and Food Security Research Strategy: Climate Resilience, Nutrition and Policy-Feed the Future Innovation Lab for Climate Resilient Sorghum	Bilateral	Portfolio	26-Aug-2013	30-Apr-2021	1,786	1,301	61	1,362
The University of Georgia Research Foundation Inc.	BREAD - ABRDC - Development of Essential Genetic and Genomic Resources for Finger Millet	Bilateral	Portfolio	1-Jul-2016	30-Jun-2021	89	51	22	73
The University of Georgia Research Foundation- Subtotal						1,875	1,352	83	1,435
Tribal Welfare Department, Govt. of Telangana	Capacity Building and Training on Best Practices for Improved Production, Processing & Marketing and SMEs Business Management for Tribal Farmers of Telangana State	Bilateral	Portfolio	30-Aug-2019	29-Aug-2021	369	77	134	211
Tribal Welfare Department, Govt. of Telangana	"Setting up of eight processing units in ITDAs of Uttnoor, Eturnagaram and Bhadrachalam through Joint Liability Groups (JLGs) of Telangana "	Bilateral	Portfolio	1-Jul-2019	31-Dec-2021	372	35	164	199
Tribal Welfare Department - Subtotal						741	112	298	410
University of Georgia, USA	Mapping Groundnut Rosette Virus resistance	Bilateral	Portfolio	1-Oct-2018	31-Dec-2021	131	23	38	61
University of Georgia, USA	Developing Aspergillus flavus resistant peanut using seed coat biochemical marker(s)	Bilateral	Portfolio	1-Oct-2018	30-Sep-2020	59	-	27	27
University of Georgia, USA	Developing Aspergillus flavus resistant peanut using seed coat biochemical marker(s)	Bilateral	Portfolio	1-Oct-2018	30-Sep-2021	25	6	7	13
University of Georgia - Subtotal						215	29	72	101
Walmart Foundation, USA	Strengthening farmers livelihoods and value chains for enhanced incomes and harnessing market opportunities for sustainable development	Bilateral	Portfolio	1-Jan-2021	31-Jan-2023	1,215	-	-	-

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Walmart Foundation, USA	Accelerating value chain benefits for improved income for farmers and nutrition for consumers	Bilateral	Portfolio	1-Jul-2018	30-Jun-2021	1,970	963	585	1,548
Walmart Foundation - Subtotal						3,185	963	585	1,548
Swedish University of Agricultural Sciences , Sweden	The dynamics of urban sprawl: Land-use changes, food supply and sustainable agricultural production systems in the arid and semi-arid zones	Bilateral	Portfolio	1-Jan-2017	31-Mar-2022	280	194	70	264
Aberystwyth University	Delivering low glycaemic index (GI) pearl millet grains for the benefits of type-2 diabetics in African regions	Bilateral	Portfolio	1-Dec-2019	30-Nov-2021	133	2	62	64
Afri - Oils-Limited	Reducing Aflatoxin Contamination in Groundnut for Trade and better livelihoods	Bilateral	Portfolio	24-Oct-2019	23-Oct-2020	65	4	61	65
African Union thru the University of Zambia	Diversity of Aspergillus Species and Aflatoxin Contamination along Maize and Groundnut Value Chains in Eastern and Southern Africa	Bilateral	Portfolio	21-Dec-2018	20-Dec-2021	78	-	-	-
Agricultural University of Athens, Greece	Strengthening education, research and innovation for climate smart crops in India (AdaptNET) - (European Union)	Bilateral	Portfolio	15-Nov-2018	14-Nov-2021	94	31	32	63
Agriculture Sensble aux risques Climatiques (PASEC), Niger	Support of Climate Smart Agriculture	Bilateral	Portfolio	15-Jan-2018	14-Jan-2022	1,990	831	857	1,688
Anheuser Busch Inbev India Limited (ABInBeV)	Improving Agriculture Productivity and Livelihoods through Holistic and Sustainable Resource Management	Bilateral	Portfolio	1-Sep-2019	31-Aug-2024	202	-	63	63
Asian Development Bank	Biotech and Organic Agricultural Inputs -Sector Review and Company Screening(India)	Bilateral	Portfolio	29-Jul-2019	31-Mar-2020	109	105	4	109
Austrian Development Cooperation thru International Institute for Applied Systems Analysis	Advancing WFaS East Africa: Accelerating Transition Towards Resilient Water Resources Management	Bilateral	Portfolio	1-Dec-2018	30-Nov-2021	316	57	91	148

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
BBSRC thru University of Cambridge	MillINET_i: Millets and Nutritional Enhancement Traits for Iron bioavailability	Bilateral	Portfolio	1-Apr-2019	30-Sep-2021	304	58	123	181
Biotech Consortium India Limited	Fellowship Grant for Ms. Lingampali Shiva Bhargavi - DBT-JRF	Bilateral	Portfolio	15-Sep-2015	30-Sep-2020	32	23	9	32
Bioversity International	Diffusion of Machine-harvestable Chickpeas and Implications for Labor Markets in India	Bilateral	Portfolio	1-Jan-2021	31-Dec-2023	519	-	-	-
Biotechnology Industry Research Assistance Council (BIRAC), India	Novel stable formulation of Streptomyces spp for fusarium control in chickpea	Bilateral	Portfolio	17-Jun-2019	16-Jun-2021	40	6	14	20
Catholoc Relief Services (CRS)	Girma-CRS Development Food Security Activity (USAID)	Bilateral	Portfolio	30-Apr-2019	30-Jun-2023	2,081	-	487	487
Centre for Dryland Agriculture (CDA) Bayero University, Kano, Nigeria	Participatory Soil Salinity/Sodicity Management for Sustainable Crop Productivity under Irrigation and Improved Livelihood in Kano River Irrigation Project under Transforming Irrigation Management In Nigeria (TRIMING Project). (World Bank)	Bilateral	Portfolio	28-Feb-2019	27-Feb-2022	31	7	10	17
CIP through EU	DeSIRA: Climate-smart innovations to improve productivity, profitability, and sustainability of agriculture and food systems in Malawi through multidisciplinary research	Bilateral	Portfolio	10/12/2019	31/08/2024	571	-	51	51
Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Directed search for broad spectrum disease resistance alleles in cereals (Bill & Melinda Gates Foundation)	Bilateral	Portfolio	15-Jan-2018	30-Sep-2020	21	18	3	21
Council of Scientific and Industrial Research (CSIR), India	Junior Research Fellowship to Mr Rutwik Ketan Barmukh	Bilateral	Portfolio	1-Jan-2018	31-Dec-2020	13	9	4	13

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Agricultural Marketing and Agribusiness, Govt. of Tamil Nadu	Hand Holding and Mentoring for Effective Operationalization of Primary Processing Centres, Establishing Market Linkages and Farmer Engagement for Tamil Nadu Supply Chain Management Project for Fruits, Vegetables and Other Perishables in 10 Districts of Tamil Nadu	Bilateral	Portfolio	1-Oct-2019	30-Sep-2022	540	-	246	246
Department of Agriculture, Cooperation & Farmers Welfare, India	Delivering More Produce and Income to Farmers through Enhancing Genetic Gains for Chickpea and Pigeonpea" Funded under NFSM-reg.	Bilateral	Portfolio	2-Jun-2017	31-Mar-2021	1,256	681	42	723
Department of Tribal Welfare, Govt. of Telangana	Nutritional interventions to improve dietary diversity in the tribal households of Telangana	Bilateral	Portfolio	1-Sep-2018	31-Dec-2020	837	483	273	756
Deutsche Welthungerhilfe, Zimbabwe	Zimbabwe Agricultural Growth Programme: Agricultural Knowledge and Innovation Systems (ZAGP-ZAKIS)	Bilateral	Portfolio	1-Aug-2018	30-Nov-2022	1,125	253	258	511
Donald Danforth Plant Science Center	Sorghum Genomics Toolbox: TERRA Partnership - (Bill & Melinda Gates Foundation)	Bilateral	Portfolio	16-Sep-2016	31-Mar-2020	933	860	73	933
Dr Reddy's Foundation , Hyderabad	Use of Open Data Sources and Platforms (Big Data) to Develop a Dynamic Crop Monitoring System for Rice and Wheat	Bilateral	Portfolio	23-Mar-2020	22-Mar-2023	42	-	6	6
Environment Protection, Training and Research Institute (EPTRI), Govt. of Telangana, India	Resilient Agricultural Households through Adaptation to Climate Change in Mahabubnagar District, Telangana	Bilateral	Portfolio	1-Apr-2016	30-Sep-2021	149	122	3	125
Federal Department of Foreign Affairs (FDFA), Swiss Agency for Development and Cooperation (SDC)	Agriculture Resilience: Linking Insurance and Technology with Climate Adapted Farming Systems (RIICE III India Chapter)	Bilateral	Portfolio	10-Oct-2018	30-Jun-2021	1,432	500	359	859

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Feed the Future Innovation Lab for Collaborative Research on Sorghum and Millet thru Kansas State University	SAWAGEN: Improving Sorghum Adaptation in West Africa with a Genomics-Enabled Breeding Network	Bilateral	Portfolio	1-Apr-2019	31-Jul-2023	75	21	29	50
Global Challenges Research Fund thru the University of Reading	Through the Looking Glass: Applying a Gender Lens to Agricultural Transformation, Labour Intensification and Nutrition Outcomes in LMICs	Bilateral	Portfolio	1-Jul-2019	31-May-2020	24	13	8	21
Good Food Institute	Characterising select varieties of sorghum, pearl millet, and finger millet towards promoting nutritionally superior, sensory acceptable and cost effective Indian flatbread and biscuits	Bilateral	Portfolio	1-Aug-2020	31-Jul-2021	162	-	35	35
Government of Karnataka, India	Conducting Research on Genomics-assisted Breeding for High Yielding and Climate Resilient Finger Millet (Ragi) Varieties/Hybrids and Promotion of Best Suitable Cultivars for Food and Nutritional Security in Karnataka State of India	Bilateral	Portfolio	1-Apr-2016	31-Dec-2020	1,414	1,101	312	1,413
Government of Odisha, India	Scaling-up of Improved Groundnut Varieties thru Established Seed System in Various Cropping Systems of Smallholder Farmers in Odisha	Bilateral	Portfolio	1-Apr-2015	31-Mar-2021	1,111	786	160	946
Government of Telangana	Exposure visits to 500 ST Farmers in Agriculture, Horticulture, Vegetable Cultivation and Dairy	Bilateral	Portfolio	22-Jul-2020	21-Jul-2021	406	-	1	1
Govt. of Uttar Pradesh, India	KISAN MITra: Doubling Farmers' Income in Bundelkhand Region, Uttar Pradesh	Bilateral	Portfolio	01.04.2018	31.03.2021	3,962	1,227	1,517	2,744
GREENPETAL INFRA & RESOURCES PVT LTD, Vijayawada	Commercialization of sweet sorghum as a feedstock for ethanol production in Krishna District, Andhra Pradesh	Bilateral	Portfolio	1-Apr-2019	31-Mar-2021	3	2	-	2

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
ICRISAT	Smart Food Endowment Fund	Bilateral	Portfolio	1-Jan-2018	31-Dec-2021	400	182	138	320
IER, Mali	Dual-Purpose Sorghum and Cowpeas Phase II: Widening the window for crop-livestock intensification by combining quality grains and crop residues for improving smallholder farmers' livelihood in Mali". (funded by McKnight Foundation)	Bilateral	Portfolio	1-Jan-2019	31-Dec-2022	60	8	12	20
IIM, Ahmedabad (SDSN)	Food Agriculture Biodiversity Land use and Energy (FABLE) Pathways	Bilateral	Portfolio	15-Feb-2019	30-Nov-2020	28	-	22	22
Indian Council of Medical Research	Functional Assessment of Active and Secretory IgA Targeted and Non-Targeted Bacterial Groups in Severe acute Malnutrition (SAM)	Bilateral	Portfolio	1-Dec-2019	30-Dec-2020	18	-	10	10
Indira Gandhi Krishi Vishwavidyalaya, Chhattisgarh	Agri Monitored Re-Engineering and Transformation (AMRT)	Bilateral	Portfolio	1-Feb-2019	31-Jan-2022	430	95	26	121
International Atomic Energy Agency	"Enhanced Biotic-stress Tolerance of Pulses Towards Sustainable Intensification of Cropping Systems for Climate-change Adaptation	Bilateral	Portfolio	13-Jun-2019	12-Jun-2024	50	-	10	10
International Center for Agricultural Research in the Dry Areas (ICARDA)	Identification of Superior Lines and Candidate Genes for Helicoverpa Resistance in Chickpea"	Bilateral	Portfolio	15-Nov-2020	31-Oct-2021	22	-	-	-
International Fertilizer Development Center (IFDC)	Digital MEASURE MPRO Application Development And Implementation Process For The Data Farm Management In The Region	Bilateral	Portfolio	1-Jul-2020	31-Dec-2021	483	-	180	180
International Livestock Research Institute (ILRI)	Targeting Fertilizer Source And Rate In Ethiopia	Bilateral	Portfolio	1-Jan-2020	31-Dec-2021	40	-	39	39
	Contribution to GENDER Platform resource center - ICRISAT	Bilateral	Portfolio	1-Jan-2020	31-Dec-2021	40	-	39	39

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Irish Aid, Ireland	Malawi Seed Industry Development Project - Phase II	Bilateral	Portfolio	1-Apr-2016	30-Sep-2021	9,552	5429	1,403	6,832
ITDA, Department of Tribal Welfare, Governmet of Telangana	Setting up of food processing unit (Moring unit) at Mucherla Village, Kamepally Mandal	Bilateral	Portfolio	9-Jan-2020	31-Dec-2021	56	-	1	1
IWMI	For the delivery of Technical Assistance on Capacity Building, Water management, Instrumentation for water budget and Implementation of Land Degradation Surveillance Framework (LDSF) under Participatory Small-Scale Irrigation Development Programme Phase 2 (PASIDP-II) - IFAD thru Ministry of Agriculture, Republic of Ethiopia	Bilateral	Portfolio	1-May-2019	30-Apr-2022	397	-	113	113
King Abdullah University of Science and Technology (KAUST), Saudi Arabia	"Striga Control in Pearl Millet Phase II - Suicidal germination as a control strategy for Striga hermonthica (Benth.) in smallholder farms of sub-Saharan Africa Phase II (BMGF)"	Bilateral	Portfolio	1-Jan-2019	31-Dec-2023	471	85	86	171
"Mahalanobis National Crop Forecast Centre Department of Agriculture, Cooperation & Farmers Welfare Ministry of Agriculture & Farmers Welfare, Govt. of India"	Gram-Panchayat (GP) level yield estimation using technology (in Andhra Pradesh, Telangana and Odisha States (Five Districts)) for Groundnut, Chickpea, Maize and Rice	Bilateral	Portfolio	1-Jun-2019	31-May-2020	100	-	91	91
McKnight Foundation	Networking4Seed: Growing Sustainable Seed Sysytems by Learning from Experiences Across Mali, Burkinafaso, and Niger	Bilateral	Portfolio	1-Jun-2018	31-May-2022	660	272	149	421
McKnight Foundation thru Compatible Technology International (CTI), USA	Advancing the Development and Adoption of Post-Harvest Grain Legume Technologies by Smallholder Farmers in Malawi and Tanzania	Bilateral	Portfolio	1-May-2018	31-Dec-2020	45	30	-	30

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Michigan State University (USAID)	Site-specific soil data management for improvement of soil productivity and farm-level profitability for marginal arable lands of Niger	Bilateral	Portfolio	1-Jan-2020	30-Jun-2021	37	-	11	11
Ministry of Micro, Small & Medium Enterprises (MSME) , India	Establishing Intellectual Property Facilitation Centre(IPFC) for MSMEs by ICRISAT	Bilateral	Portfolio	1-Aug-2015	31-Jul-2020	120	116	4	120
Ministry of Tribal Affairs, Govt. of India	A study on the nutritional status of school children of EMRS through a baseline survey in Odisha	Bilateral	Portfolio	1-Jun-2018	31-Dec-2020	29	23	(5)	18
National Agricultural Innovation Fund (NAIF)	Establishment of Agri-Business Incubation (ABI) Centers under XII Plan Scheme for National Agriculture Innovation Fund (NAIF)	Bilateral	Portfolio	1-Jan-2016	31-Mar-2021	293	122	22	144
"National Food Security Mission Cell, Directorate of Agriculture & Food Production, Odisha"	Development and promotion of high yielding, climate resilient chickpea cultivars suited to local growing conditions of the target districts of Odisha	Bilateral	Portfolio	1-Apr-2019	31-Mar-2021	413	5	42	47
Newton Bhabha Fund-BBSRC thru University of Edinburgh/DBT, India	A strategy to exploit genomic selection for achieving higher genetic gains in groundnut	Bilateral	Portfolio	5-Oct-2018	4-Oct-2021	207	74	61	135
Nigerian Breweries PLC	Sorghum varieties development and Improvement	Bilateral	Portfolio	1-Aug-2020	31-Dec-2020	17	-	17	17
NL-CGIAR Partnership Programme	Upscaling improved groundnut varieties through integrated seed systems for improving income and nutrition in dryland of Ghana and Mali	Bilateral	Portfolio	1-Apr-2019	31-Mar-2022	1,156	128	255	383
Odisha Livelihood Mission(OLM), Govt of Odisha	Sustainable Improvement of Rural Livelihood and Restoration of Coconut based livelihood through specific science based interventions	Bilateral	Portfolio	24-Oct-2019	23-Oct-2022	7,904	10	964	974

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Pioneer Hi-Bred International, Inc. ("Corteva")	Novel Enabling Technologies for Rapid Assessment of Traits Critical in Rice Improvement Pipeline; Feasibility study	Bilateral	Non Portfolio	27-Oct-2020	26-Oct-2021	49	-	2	2
Professor Jayashankar Telangana State Agricultural University	Identify And Promote High Yielding Machine Harvestable Chickpea Varieties To Increase Income & Livelihood Opportunities Of Farmers Living In Rural And Tribal Areas Of Telangana	Bilateral	Portfolio	1-Apr-2020	31-Mar-2021	67	-	-	-
Ruchi Hi-Rich Seeds Pvt. Ltd.	Promote Research And Allied Activities Under Chickpea Varietal Development Research Consortium (CVDRC)	Bilateral	Portfolio	25-Dec-2020	25-Dec-2025	15	-	-	-
Rural Electrification Corporation Limited (RECL), India	Farmer-centric Integrated Watershed Management for Improving Rural Livelihoods	Bilateral	Portfolio	29-May-2014	31-Dec-2021	3,165	1,359	352	1,711
Sabancı University, Turkey	Use of Micronutrient-Containing Fertilizers for Biofortification of Food Crops and Improving Grain Yield in Different Countries- IV. PHASE	Bilateral	Portfolio	1-Jun-2019	30-Jun-2020	5	-	5	5
Sehgal Foundation	A novel way towards improving pearl millet productivity in drought prone environments of India	Bilateral	Portfolio	1-Jan-2020	31-Dec-2021	75	-	34	34
Society for Elimination of Rural Poverty, Department of Rural Development, Govt. of Andhra Pradesh, India	Selection of an Agency for Capacity Building and Market Linkages for Empowerment of Farmer Producer Organizations in Andhra Pradesh thru Digital Networks	Bilateral	Portfolio	9-Feb-2018	30-Apr-2020	243	216	27	243
SPACEBELL,SA (SPB) Belgium	Nurturing Africa's Digital Revolution for Agriculture (NADIRA) - EU-Belgium	Bilateral	Portfolio	1-Nov-2017	31-Jul-2020	267	219	45	264
Syngenta Foundation for Sustainable Agriculture	Enhancing groundnut, pigeonpea and chickpea productivity and profitability for smallholder farmers in Asia through varietal technologies	Bilateral	Portfolio	1-May-2019	30-Sep-2021	60	13	16	29

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Tata Education and Development Trust, Mumbai	Promotion of Vegetable Cultivation along with Wadi for Nutritional Security and Income Enhancement among the Tribal Families of Langigarh block of Kalahandi District	Bilateral	Portfolio	1-Jun-2016	31-May-2021	642	195	-	195
Tata-Cornell Insitute of Agricultural and Nutrition, Cornell University, USA	District Level Database of India: Modernization and Updating (Phase II)	Bilateral	Portfolio	16-Aug-2019	28-Feb-2021	210	16	142	158
Telangana Scheduled Tribes Cooperative Finance Corporation Ltd (TRICOR), Hyderabad	Organising Exposure Visit to 100 St farmers in Agriculture, Horticulture and Foriculture, Vegetable cultivation and Diary	Bilateral	Portfolio	30-Aug-2019	29-Aug-2020	73	29	42	71
Tetra Tech/ SERVIR WA	Scaling up Farmer Managed Natural Regeneration (FMNR) in Niger Service	Bilateral	Portfolio	17-Aug-2020	26-Feb-2021	174	-	8	8
The Federal Democratic Republic of Ethiopia Ministry of Agriculture (MOA)	Participatory Small Scale Irrigation Development Program Phase 2 (PASIDP-II) -- CGIAR Technical Assistance Support Package to PASIDP-II - Enhancing Efficiency of Small scale Irrigation in Tigray and Amhara Regional States, Ethiopia through capacity building and farmer innovation - - IFAD thru Ministry of Agriculture, Republic of Ethiopia	Bilateral	Portfolio	11-Mar-2019	10-Mar-2022	732	51	252	303
The Institut Senegalais de Recherches Agricoles (ISRA) funded by Kanas University USA	Genetic Enhancement of Pearl Millet for Yield, Biotic and Abiotic Stress Tolerance in West Africa (Acronym: GENMIL)	Bilateral	Porfolio	1-Apr-2019	31-Jul-2023	95	-	21	21
The institute Wageningen Centre for Development Innovation (WCDI)	Integrated Seed Sector Development in Africa (ISSD Africa) 2019-2022	Bilateral	Porfolio	1-Sep-2019	31-Aug-2022	153	-	12	12
The Regents of the University of California, Davis	Genetic Biofortification of Corotenoid of Grain Legumes for Novel Market	Bilateral	Portfolio	1-Feb-2018	31-Jan-2021	94	62	32	94

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
The University of Nottingham	GeoNutrition (BMGF)	Bilateral	Portfolio	1-Jan-2018	31-Jul-2021	382	191	47	238
Trident Sugars Ltd.,	Improving Natural Resources through Integrated Water Resources Management Approach	Bilateral	Portfolio	10-Dec-2019	9-Dec-2024	948	-	103	103
Ultratech Cements Limited	Improving Livelihoods through Integrated Water Resources Management at Tadipatri, Anantapur	Bilateral	Portfolio	1-Feb-2019	31-Jan-2024	297	25	40	65
UNIVERSITAT POMPEU FABRA, Spain	Raindrops	Bilateral	Portfolio	4-Sep-2018	31-May-2023	26	22	4	26
University College of London, United Kingdom	Improvement of Barley, Rice and Chickpea by population sequencing project number 539855	Bilateral	Portfolio	1-Jul-2019	30-Jun-2021	60	30	30	60
University of Cambridge, UK	Transforming India's Green Revolution by Research and Empowerment for Sustainable food Supplies - (TIGR2ESS)	Bilateral	Portfolio	1-Oct-2017	31-Dec-2021	875	371	219	590
University of Florida, USA	"Feed the Future Innovation Lab for Livestock Systems Enabling Value Chains to Create Sustainable Income for Vulnerable People in Crop-Livestock Systems of Burkina Faso and Niger"	Bilateral	Portfolio	26-Jan-2018	28-Feb-2021	1,081	588	421	1,009
University of Wageningen, The Netherlands	Project "Pathways to Agroecological Intensification of Crop-Livestock Farming Systems of Southern Mali - III	Bilateral	Portfolio	1-Jun-2020	28-Feb-2024	46	-	8	8
USAID	Enhancement of IIAM Capacity to Produce and Deliver Quality Seed	Bilateral	Portfolio	1-Aug-2020	31-Dec-2021	264	-	43	43
Wellcome Trust thru The London School of Hygiene & Tropical Medicine (LSHTM)	Food System Adaptations in Changing Environments in Africa (FACE- AFICA)	Bilateral	Portfolio	2-Sep-2019	1-Sep-2021	118	-	2	2

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Welthungerhilfe, Zimbabwe	Extension for Rural Agriculture Project (EXTRA) (Livelihoods and Food security Programme (LFSP) Project in 3 District in Midlands Provinces of Zimbabwe namely Shurugwi, Gokwe and South and Kweke Rural.	Bilateral	Portfolio	1-Dec-2014	30-Sep-2020	917	828	34	862
West African Sciences Service Center on Climate Change and Adapted Land Use(WASCAL)	Capacity building in support of weather, water and climate services in Mali and Niger	Bilateral	Portfolio	10-Jun-2019	30-Jun-2021	30	-	30	30
World Vision International Zimbabwe	Ensuring, Nutrition Transforming and Empowering Rural Farmers and Promoting Resilience in Zimbabwe (ENTERPRISE)	Bilateral	Portfolio	1-Dec-2014	31-Jul-2020	574	450	48	498
Subtotal Bilateral Portfolio						1,09,736	43,902	19,807	63,709
E. CGIAR Research Programs - Bilateral: Non-Portfolio									
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	HaploNILs: Transcending from candidate genes to haplotypes for enhanced genetic gains in rice	Bilateral	Non Portfolio	28-Mar-2019	27-Mar-2022	47	17	17	34
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Identification of Superior Haplotype(s) for Brown Spot (BS) Resistance in Rice for Genomics Assisted Breeding"	Bilateral	Others	16-Mar-2020	15-Mar-2022	31	-	12	12
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India						78	17	29	46
International Fertilizer Development Center	Integrated Seed Sector Development Sahel (ISSD/Sahel)	Bilateral	Non Portfolio	29-Jan-2021	31-Oct-2024	1,405	-	-	-
Department of Biotechnology, India	Genetic Dissection and Identification of Superior Haplotypes for Independent and Combined Drought and Head Stress Tolerance in Rice	Bilateral	Non Portfolio	1-Jul-2019	30-Jun-2021	21	5	10	15

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Science & Technology(DST), India	Mapping of IPRs and its management in academic/research institutions: A study on agricultural research sector in India	Bilateral	Non Portfolio	23-Aug-2018	22-Aug-2021	48	10	19	29
Directorate of Agriculture and Food Production, Govt of Odisha	Enhancing Agricultural Productivity and Rural Livelihoods through Scaling-up of Science-led Development in Odisha - Bhoochetana	Bilateral	Non Portfolio	8-Apr-2018	7-Apr-2021	1,885	1,564	313	1,877
Practical Action, Zimbabwe	Implementation of the project Livelihoods and Food Security Programme (LFSP) Agricultural Productivity Nutrition (APN) - Ohase 2 of the LFSP INSPIRE Project - addl. Funding	Bilateral	Non Portfolio	28-Feb-2017	30-Sep-2020	206	125	47	172
Internationale Zusammenarbeit (GIZ) GmbH	Quest for Resilience of (Agro)pastoral Communities in the AFAR through Water Spread-ing Weir-based Farming and Land use	Bilateral	Portfolio	1-Jul-2018	27-Feb-2021	565	338	53	391
Government of Karnataka, India	Strengthening Bhoochetana a Sustainable Agriculture Mission for Improved Livelihoods in Karnataka - Bhoochetana Phase II.	Bilateral	Non Portfolio	1-Jun-2013	31-Mar-2020	3,384	3,322	62	3,384
GoT	Establishment of Centre of Excellence in Horticulture innovation for post-harvest management (PHM) of Dry Chillies and Beans in Telangana State	Bilateral	Non Portfolio	1-Apr-2020	31-Mar-2022	90	-	-	-
Subtotal Bilateral Non Portfolio						7,682	5,381	533	5,914
Total Bilateral						1,17,418	49,283	20,340	69,623
F. Bilateral - Others :									
Department of Biotechnology, Govt of India	Development Of Superior Haplotype Based Near Isogenic Lines (Haplo-Nils) For Enhanced Genetic Gain In Rice	Others	Portfolio	2-Mar-2020	1-Mar-2023	398	-	71	71
Department of Biotechnology, Govt of India	Marker Assisted Introgression of Different Traits to Develop New Generation Rice Varieties	Others	Non Portfolio	1-Jul-2013	31-Mar-2020	568	533	16	549

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Department of Biotechnology, Govt of India	Development of High Yielding Water and Labor Saving Rice Varieties for dry Direct Seeded Aerobic Conditions Utilizing Recent Discoveries on Traits QTLs, genes and Genomic Technologies	Others	Non Portfolio	24-Nov-2015	23-Nov-2020	294	265	41	306
Department of Biotechnology, Govt of India	Genetic Enhancement of Minor Pulses: Characterization, Evaluation, Genetic Enhancement and Generation of Genomic Resources for Accelerated Utilization and Improvement of Minor Pulses	Others	Non Portfolio	1-Nov-2018	31-Oct-2021	115	37	33	70
Department of Biotechnology, Govt of India	QTLs/genes to Direct Seeded Rice Varietal Development to Meet Future Challenges	Others	Non Portfolio	21-Dec-2019	20-Dec-2021	62	-	28	28
DBT - Subtotal						1,437	835	189	1,024
Government of Karnataka, India	Scaling up of Bhoosamrudhi Programme in Additional Four New Districts (Bhoosamrudhi Phase 2)	Others	Non Portfolio	1-Apr-2015	31-Mar-2020	3,543	3,330	213	3,543
Government of Karnataka, India	Improve Mungbean (Green Gram) and Vegetable Cowpea Productivity in Karnataka State	Others	Non Portfolio	29-Nov-2018	31-Mar-2020	84	79	5	84
Government of Karnataka, India - Subtotal						3,627	3,409	218	3,627
Jindal South West Foundation	Improving Climate Resilience of Tribal Farmers in Thane District, Maharashtra thru Integrated Water Shed Management	Others	Non Portfolio	1-Jan-2015	30-Jun-2021	1,421	1,170	134	1,304
Jindal South West Foundation	Doubling farmers' income through Integrated Watershed Management in Bellary district in Karnataka, India (Phase 2)	Others	Non Portfolio	1-Jun-2018	31-May-2023	1,090	326	155	481
JSW Foundation - Subtotal						2,511	1,496	289	1,785

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Power Grid Corporation of India Limited	Improving Rural Livelihoods through Farmer-Centric Integrated Watershed Management in Karnataka	Others	Non Portfolio	1-Mar-2014	28-Feb-2020	1,379	1,317	62	1,379
Power Grid Corporation of India Limited	Improving Rural Livelihoods through Farmer-Centric Integrated Watershed Management in Andhra Pradesh	Others	Non Portfolio	1-Mar-2014	28-Feb-2020	1,383	1,299	84	1,383
Power Grid Corporation of India Limited	Rural Livelihood project through Integrated Watershed Management at Block Jaipatna, Kalahandi. District	Others	Non Portfolio	5-Feb-2019	4-Feb-2023	553	29	128	157
Power Grid Corporation - Subtotal						3,315	2,645	274	2,919
Agrinos Pvt Limited	Consultancy Grant	Others	Non Portfolio	3-May-2019	30-Apr-2020	19	12	7	19
Biotechnology Industry Research Assistance Council (BIRAC), India	Establishment of a Bio-Incubator at ICRISAT	Others	Non Portfolio	25-Sep-2017	24-Sep-2020	665	611	54	665
Central India Initiative (CINI), India	Improved Livelihoods through Crop Diversification into Vegetables in Jharkhand and Odisha under the Central India Initiatives - AVRDC project	Others	Non Portfolio	1-May-2016	30-Sep-2020	170	150	19	169
Department of Agricultural Marketing and Agribusiness, Govt. of Tamil Nadu	Developing an ICT platform on Management Information system for effective Decision Support System and Market Linkages and implementing for Enhanced Value Creation of Fruits and Vegetable in Tamil Nadu	Others	Non Portfolio	1-Nov-2018	31-Dec-2020	231	183	48	231
Department of Science and Technology (thru Science and Engineering Research Board (SERB), India	Developing Anti-diabetic rice with high resistant starch, low glycemic index and unraveling the SNPs in the genes involved in starch biosynthesis pathway . Fellowship to Dr. S. Ramchander Selvaraj	Others	Non Portfolio	10-Apr-2018	9-Apr-2020	36	24	7	31

Donor	Program/Project	Source of Funding	Portfolio/ Non Portfolio	Start Date (DD/MM/YYYY)	End Date (DD/MM/YYYY)	Grant Pledged	Expenditure Prior Years	Expenditure Current Year	Total Expenditure
Government of Andhra Pradesh, India	Doubling Farmer Incomes through Grafted Vegetable Seedlings	Others	Non Portfolio	1-Aug-2018	31-Jul-2021	633	122	15	137
Mahindra & Mahindra Ltd	Improving Livelihoods and Agricultural Productivity through Integrated Watershed Management in Sangareddy district, Telangana	Others	Non Portfolio	1-Apr-2017	31-Mar-2021	216	104	49	153
Ministry of Irrigation, Govt. of Telangana	Economic Assessment of Mission Kakatiya in terms of Plant Nutrients Equivalent, Increased Yields and Farmers Income	Others	Non Portfolio	3-Aug-2018	2-Aug-2020	710	-	-	-
PEAT, GmbH, Germany	Improvement Planix-App-Agricultural Support of Farmers in Telangana and Andhra Pradesh	Others	Non Portfolio	24-Nov-2016	30-Nov-2021	266	189	27	216
The World Vegetable Center(World Veg)- Govt of Odisha	Onion Value Chain Improvements in Odisha State	Others	Non Portfolio	1-Jun-2020	31-May-2022	477	-	36	36
Sub total Bilateral Others						14,313	9,780	1,232	11,012
Total : Bilateral (D & F)						1,31,731	59,063	21,572	80,635
Grand Total (A to F)						3,57,503	2,11,109	55,940	2,67,049

International Crops Research Institute for the Semi-Arid Tropics
CGIAR Research Program - Expenditure Report For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 18 - Grain Legumes and Dryland cereals								
Personnel Costs	755	-	755	5,725	3,805	9,530	-	10,285
CGIAR Collaboration Costs	2,810	-	2,810	4,340	341	4,681	-	7,491
Other Collaboration Costs	1,134	-	1,134	3,140	1,505	4,645	-	5,779
Supplies and Services	2,414	-	2,414	2,823	3,963	6,786	-	9,200
Operational Travel	57	-	57	245	397	642	-	699
Depreciation	-	-	-	65	97	162	-	162
Cost Sharing Percentage	-	-	-	331	60	391	-	391
Sub total of Direct Costs	7,170	-	7,170	16,668	10,169	26,836	-	34,007
Indirect Costs	691	-	691	2,108	1,147	3,255	-	3,946
Total Costs	7,861	-	7,861	18,777	11,316	30,092	-	37,953

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 18 - GLDC - Program Management Unit								
Personnel Costs	124	-	124	-	-	-	-	124
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	-	-	-	-	-	-	-	-
Supplies and Services	49	-	49	-	-	-	-	49
Operational Travel	3	-	3	-	-	-	-	3
Depreciation	1	-	1	-	-	-	-	1
Cost Sharing Percentage	-	-	-	-	-	-	-	-
Sub total of Direct Costs	177	-	177	-	-	-	-	177
Indirect Costs	35	-	35	-	-	-	-	35
Total Costs	212	-	212	-	-	-	-	212

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 18 - GLDC Activity & PMU								
Personnel Costs	879	-	879	5,725	3,805	9,530	-	10,409
CGIAR Collaboration Costs	2,810	-	2,810	4,340	341	4,681	-	7,491
Other Collaboration Costs	1,134	-	1,134	3,140	1,505	4,645	-	5,779
Supplies and Services	2,463	-	2,463	2,823	3,963	6,786	-	9,249
Operational Travel	60	-	60	245	397	642	-	702
Depreciation	1	-	1	65	97	162	-	163
Cost Sharing Percentage	-	-	-	331	60	391	-	391
Sub total of Direct Costs	7,347	-	7,347	16,668	10,169	26,836	-	34,184
Indirect Costs	726	-	726	2,108	1,147	3,255	-	3,981
Total Costs	8,073	-	8,073	18,777	11,316	30,092	-	38,165

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 23 - Policies, Institutions and Markets								
Personnel Costs	128	-	128	-	375	375	-	503
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	-	-	-	-	-	-	-	-
Supplies and Services	28	-	28	-	611	611	-	639
Operational Travel	15	-	15	-	64	64	-	79
Depreciation	-	-	-	-	-	-	-	-
Cost Sharing Percentage	-	-	-	-	3	3	-	3
Sub total of Direct Costs	171	-	171	-	1,052	1,052	-	1,224
Indirect Costs	34	-	34	-	56	56	-	90
Total Costs	205	-	205	-	1,109	1,109	-	1,314

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 24 - Water, Land and Ecosystems								
Personnel Costs	267	-	267	200	865	1,065	-	1,332
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	-	-	-	250	448	698	-	698
Supplies and Services	106	-	106	88	1,329	1,417	-	1,523
Operational Travel	23	-	23	16	75	91	-	114
Depreciation	1	-	1	-	-	-	-	1
Cost Sharing Percentage	-	-	-	-	39	39	-	39
Sub total of Direct Costs	397	-	397	554	2,756	3,310	-	3,707
Indirect Costs	78	-	78	91	416	507	-	585
Total Costs	475	-	475	645	3,171	3,816	-	4,292

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 22 - Climate Change, Agriculture and food security								
Personnel Costs	858	-	858	311	1,068	1,379	-	2,237
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	91	-	91	1,017	288	1,305	-	1,396
Supplies and Services	142	-	142	354	1,150	1,504	-	1,646
Operational Travel	25	-	25	56	76	132	-	157
Depreciation	-	-	-	-	-	-	-	-
Cost Sharing Percentage	-	-	-	30	26	56	-	56
Sub total of Direct Costs	1,116	-	1,116	1,768	2,608	4,376	-	5,492
Indirect Costs	219	-	219	260	314	574	-	793
Total Costs	1,335	-	1,335	2,028	2,922	4,950	-	6,285

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP # 22 - Climate Change, Agriculture and food security - RPL WA								
Personnel Costs	178	-	178	-	-	-	-	178
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	5	-	5	-	-	-	-	5
Supplies and Services	177	-	177	-	-	-	-	177
Operational Travel	13	-	13	-	-	-	-	13
Depreciation	11	-	11	-	-	-	-	11
Cost Sharing Percentage	-	-	-	-	-	-	-	-
Sub total of Direct Costs	384	-	384	-	-	-	-	384
Indirect Costs	75	-	75	-	-	-	-	75
Total Costs	459	-	459	-	-	-	-	459

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
PTF # 33 - BIGDATA								
Personnel Costs	6	-	6	-	10	10	-	16
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	10	-	10	-	-	-	-	10
Supplies and Services	7	-	7	-	23	23	-	30
Operational Travel	-	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-	-
Cost Sharing Percentage	-	-	-	-	1	1	-	1
Sub total of Direct Costs	23	-	23	-	34	34	-	57
Indirect Costs	2	-	2	-	6	6	-	9
Total Costs	25	-	25	-	40	40	-	66

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
PTF # 33 - Genebank								
Personnel Costs	613	-	613	-	424	424	-	1,037
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	-	-	-	-	36	36	-	36
Supplies and Services	707	-	707	-	559	559	-	1,266
Operational Travel	4	-	4	-	37	37	-	41
Depreciation	30	-	30	-	33	33	-	63
Cost Sharing Percentage	-	-	-	-	-	-	-	-
Sub total of Direct Costs	1,354	-	1,354	-	1,089	1,089	-	2,443
Indirect Costs	235	-	235	-	151	151	-	386
Total Costs	1,589	-	1,589	-	1,240	1,240	-	2,829
Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP# 21 - Agriculture for Nutrition and Health								
Personnel Costs	-	-	-	-	-	-	-	-
CGIAR Collaboration Costs	-	-	-	-	-	-	-	-
Other Collaboration Costs	-	-	-	19	-	19	-	19
Supplies and Services	-	-	-	9	4	13	-	13
Operational Travel	-	-	-	-	-	-	-	-
Depreciation	-	-	-	-	-	-	-	-
Cost Sharing Percentage	-	-	-	-	-	-	-	-
Sub total of Direct Costs	-	-	-	28	4	32	-	32
Indirect Costs	-	-	-	2	1	3	-	3
Total Costs	-	-	-	30	5	35	-	35

Natural Classification	CGIAR Research Program							
	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Total Windows 1 & 2	Window 3	Bilateral	Total Window 3 & Bilateral	Center funds	Total
CRP - Total								
Personnel Costs	2,929	-	2,929	6,236	6,547	12,783	-	15,712
CGIAR Collaboration Costs	2,810	-	2,810	4,340	341	4,681	-	7,491
Other Collaboration Costs	1,240	-	1,240	4,426	2,281	6,707	-	7,947
Supplies and Services	3,630	-	3,630	3,274	7,638	10,912	-	14,543
Operational Travel	140	-	140	317	649	966	-	1,106
Depreciation	43	-	43	65	130	195	-	237
Cost Sharing Percentage	-	-	-	361	128	489	-	489
Sub total of Direct Costs	10,791	-	10,791	19,018	17,715	36,733	-	47,524
Indirect Costs	1,369	-	1,369	2,461	2,090	4,551	-	5,920
Total Costs	12,160	-	12,160	21,480	19,804	41,284	-	53,444

Schedule II(b)

International Crops Research Institute for the Semi-Arid Tropics
CGIAR Research Program - Funding Report For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Policies, Institutions and Markets			
Opening Balance	(13)	-	(13)
Add: Cash Receipts from Lead Center	69	-	69
Less: Disbursements	205	-	205
Closing Balance	(149)	-	(149)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Grain Legumes & Dryland Cereals (Lead Center)			
Opening Balance	56	-	56
Add: Cash Receipts from Lead Center	4,863	-	4,863
Less: Disbursements	4,724	-	4,724
Closing Balance	195	-	195

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Water, Land and Ecosystems			
Opening Balance	(84)	-	(84)
Add: Cash Receipts from Lead Center	511	-	511
Less: Disbursements	475	-	475
Closing Balance	(48)	-	(48)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Climate Change, Agriculture and Food Security			
Opening Balance	331	-	331
Add: Cash Receipts from Lead Center	865	-	865
Less: Disbursements	1,335	-	1,335
Closing Balance	(139)	-	(139)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Climate Change, Agriculture and Food Security (RPL-WA)			
Opening Balance	(22)	-	(22)
Add: Cash Receipts from Lead Center	412	-	412
Less: Disbursements	459	-	459
Closing Balance	(69)	-	(69)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Bigdata			
Opening Balance	(198)	-	(198)
Add: Cash Receipts from Lead Center	213	-	213
Less: Disbursements	25	-	25
Closing Balance	(10)	-	(10)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRP - Genebank			
Opening Balance	(454)	-	(454)
Add: Cash Receipts from Lead Center	1,820	-	1,820
Less: Disbursements	1,589	-	1,589
Closing Balance	(223)	-	(223)

Description	Windows 1 & 2 with PPA/PIA	Windows 1 & 2 without PPA/PIA	Windows 1 & 2 Total
CRPs - Total			
Opening Balance	(384)	-	(384)
Add: Cash Receipts from Lead Center	8,753	-	8,753
Less: Disbursements	8,812	-	8,812
Closing Balance	(443)	-	(443)

International Crops Research Institute for the Semi-Arid Tropics
CRP Windows 1 and 2 Funding Report :: Lead Center CRPs on Grain Legumes and Dryland
Cereals For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Description		Total
<u>CRP - Grain Legumes and Dryland Cereals:</u>		
Opening Balance held by Lead Center		718
Cash Receipts from System Management Office		8,140
Disbursements :		
ICRISAT	(4,724)	
IITA	(1,136)	
ICARDA	(850)	
ICRAF	(639)	
Bioversity	(81)	
ILRI	(86)	
CIRAD	(216)	
IRD	(187)	
CSIRO	(154)	
Total Disbursements		(8,073)
Closing Balance held by Lead Center		785

Schedule III

International Crops Research Institute for the Semi-Arid Tropics Property, Plant and Equipment For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

<u>Assets for 2020</u>								
	Unrestricted (Center Assets)			Restricted (Project Assets)			Grand Total	2019
	Physical Facilities	Equipment	Total	Physical Facilities	Equipment	Total		
I. COST								
Balance: Beginning of the year	910	29,441	30,351	3,050	21,873	24,923	55,274	52,990
Current Period								
Additions - Unrestricted	-	262	262			-	262	1,276
Additions - Bilateral			-		236	236	236	1,212
Disposals (includes held for disposal)		58	58			-	58	204
Balance: End of the year	910	29,645	30,555	3,050	22,109	25,159	55,714	55,274
II. ACCUMULATED DEPRECIATION								
Balance: Beginning of the year	114	22,516	22,630	3,050	21,873	24,923	47,553	45,710
Current Period								
Additions - Unrestricted	15	938	953		236	236	1,189	836
Additions - Bilateral			-			-	-	1,212
Disposals (includes held for disposal)		52	52			-	52	205
Balance: End of the year	129	23,402	23,531	3,050	22,109	25,159	48,690	47,553
III. NET BOOK VALUE	781	6,243	7,024	-	-	-	7,024	7,721
<u>Assets for 2019</u>								
	Unrestricted (Center Assets)			Restricted (Project Assets)			Grand Total	2018
	Physical Facilities	Equipment	Total	Physical Facilities	Equipment	Total		
I. COST								
Balance: Beginning of the year	567	28,712	29,279	3,006	20,705	23,711	52,990	51,270
Current Period								
Additions - Unrestricted	343	933	1,276	-	-	-	1,276	723
Additions - Bilateral	-	-	-	44	1,168	1,212	1,212	1,269
Disposals (includes held for disposal)	-	204	204	-	-	-	204	272
Balance: End of the year	910	29,441	30,351	3,050	21,873	24,923	55,274	52,990
II. ACCUMULATED DEPRECIATION								
Balance: Beginning of the year	113	21,886	21,999	3,006	20,705	23,711	45,710	43,852
Current Period								
Additions - Unrestricted	1	835	836	-	-	-	836	862
Additions - Bilateral	-	-	-	44	1,168	1,212	1,212	1,269
Disposals (includes held for disposal)	-	205	205	-	-	-	205	273
Balance: End of the year	114	22,516	22,630	3,050	21,873	24,923	47,553	45,710
III. NET BOOK VALUE	796	6,925	7,721	-	-	-	7,721	7,280

Schedule IV

International Crops Research Institute for the Semi-Arid Tropics Calculation of Indirect Cost Rate For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Particulars	2020	2019
General & Administration Expenses	7,913	10,737
Research Expenses + (Non-CGIAR Collaboration costs)	46,092	53,531
Indirect Cost Rate	17.2%	20.1%

Details	2020	2019
Research Expenses as per SOA	59,916	70,160
Less : CG Center Expenses	7,572	10,225
Less : Indirect cost recovery	6,252	6,404
	46,092	53,531

Details	2020	2019
Institutional Cost	10,228	14,138
Less : Special Adjustments Viz., One time cost Building Repairs and other Provisions	2,315	3,401
Net Expenditure (Institutional Costs (incl services))	7,913	10,737

International Crops Research Institute for the Semi-Arid Tropics Abbreviations

The following abbreviations have been used in the preceding schedules

ACIAR	Australian Centre for International Agricultural Research
ADA	Austrian Development Agency
AFDB	African Development Bank
AgMIP	Agricultural Modelling Intercomparison and Improvement Project
AGRA	Alliance for a Green Revolution in Africa
AIICs	Agribusiness Incubators
AIMS	Agricultural Input Markets Strengthening
AKF	Aga Khan Foundation
AKI	Agricultural Knowledge Initiative
ANGRAU	Acharya NG Ranga Agricultural University
APSSDC	Andhra Pradesh State Skill Development Corporation
ARDT-SMS	Africa RISING Diffusion of Technologies for Sorghum and Millet Systems
ATASP	Agricultural Transformation Agenda Support Program
AusAID	Australian Agency for International Development
AVCD	Accelerated Value Chains Development
AVISA	Accelerated Varietal Improvement and Seed Delivery of Legumes and Cereals in Africa
AVRDC	World Vegetable Center
BBSRC	Biotechnology and Biological Sciences Research Council
BIOFI	Biofertilisation and Bioirrigation for sustainable mixed cropping of Pigeonpea and Finger Millet
BIRAC	Biotechnology Industry Research Assistance Council
BMZ	Bundesministerium für Wirtschaftliche Zusammenarbeit und Entwicklung
BNI	Biological Nitrification Inhibition
BoDs	Board of Directors
BPD	Business Planning and Development
BRACED	Building Resilience and Adaptation to Climate Extremes and Disasters
BREAD	Basic Research to Enable Agricultural Development
BRRI	Bangladesh Rice Research Institute
CAAS	Chinese Academy of Agricultural Sciences
CAP	Community Action Programme
CBO	Community Based Organization
CCA	Climate Change Adaptation
CCAFS	Climate Change, Agriculture and Food Security
CFU	Consortium Facilitation Unit
CIAT	Centro Internacional de Agricultura Tropical

CIMMYT	Centro Internacional de Mejoramiento de Maiz y Trigo
CInI	Central India Initiative
CINSERE	Climate Information Services for Increased Resilience and Productivity
CIRAD	Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement
CoE	Center of Excellence
COMESA	Common Market for Eastern and Southern Africa
CORAF	Conseil Ouest et Centre Africain pour la Recherche et le Developpement Agricoles
CP	Challenge Program
CRIDA	Central Research Institute for Dryland Agriculture
CRP	CGIAR Research Program
CRS	Catholic Relief Services
CSAP	Climate Smart Agricultural Programme
CSIR	Council of Scientific and Industrial Research
CSP	Community Seed Production
DA	Department of Agriculture
DBT	Department of Biotechnology
DFAT	Department of Foreign Affairs and Trade
DfID	Department for International Development
DNA	Deoxyribonucleic acid
DST	Department of Science and Technology
EAC	East African Community
ECRAS	Enhancing Community Resilience and Sustainability
ECRP	Enhancing Community Resilience Programme
EIA	Excellence in Agronomy
ELSAT	Enhancing resilience of livestock-based systems in Afar and Eastern Amhara through integrating tailored dryland innovations
ENSURE	Enhancing Nutrition, Stepping Up Resilience and Enterprise
ESA	Eastern and Southern Africa
ESA	European Space Agency
EU	European Union
EXTRA	Extension for Rural Agriculture
FAO	Food and Agricultural Organization of the United Nations
FARA	Forum for Agricultural Research in Africa
FMNR	Farmer Managed Natural Regeneration
FORMAS	Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning
FPARP	Farmers Participatory Action Research Programme
FPBICs	Food Processing Business Incubation Centers
FPOs	Farmer Producer Organisations
FtF	Feed the Future

FTLs	Food Testing Laboratories
GCDT	Global Crop Diversity Trust
GEF	Global Environment Facility
GITA	Global Innovation & Technology Alliance
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH
GoT	Government of Telangana
GVDRRC	Groundnut Varietal Development Research Consortium
GWAS	Genome-wide Association Study
HOPE	Harnessing Opportunities for Productivity Enhancement
IA	Implementing Agency
IABF	Indo-Australian Biotechnology Fund
IAFS	India-Africa Forum Summit
IBBA-CNR	Institute of Agricultural Biology and Biotechnology, National Research Council
IBP	Integrated Breeding Program
ICAR	Indian Council of Agricultural Research
ICARDA	International Center for Agricultural Research in the Dry Areas
ICBA	International Center for Biosaline Agriculture
ICPT	Improved Chickpea Production Technologies
ICRAF	International Centre for Research in Agroforestry
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics
ICT	Information and Communication Technology
IDRC	International Development Research Centre
IER	Institute d'Economie Rurale
IFAD	International Fund for Agricultural Development
IFDC	International Fertilizer Development Center
IFPRI	International Food Policy Research Institute
IGSTC	Indo-German Science & Technology Center
IICT	Indian Institute of Chemical Technology
IISc	Indian Institute of Science
IITA	International Institute of Tropical Agriculture
ILRI	International Livestock Research Institute
INSPIRE	Innovation in Science Pursuit for Inspired Research
IPPT	Improved Pigeonpea Production Technology
IRD	International Relief & Development
ISABELA	Imagery for Smallholders: Activating Business Entry points and Leveraging Agriculture
ITDA	Integrated Tribal Development Agency
IWDP	Integrated Watershed Development Programme
IWMI	International Water Management Institute
JCERDC	Joint Clean Energy Research and Development Center

JIRCAS	Japan International Research Center for Agricultural Sciences
JRF	Junior Research Fellow
KWDP-II	Karnataka Watershed Development Project II
LFSP	Livelihoods and Food Security Programme
LoA	Letter of Agreement
MABC	Marker-assisted backcrossing
MAFF	Ministry of Agriculture, Forestry and Fisheries
MAGIC	Multi-parent advanced generation inter-cross
MARS	Marker-Assisted Recurrent Selection
MASCS	Managing Agricultural Soils as Carbon Sinks through adoption of negative emission strategies
MoFPI	Ministry of Food Processing Industries
MSME	Micro, Small and Medium Enterprises
MSSRF	MSSRF MS Swaminathan Research Foundation
NABARD	National Bank for Agriculture and Rural Development
NAIF	National Agriculture Innovation Fund
NARS	National Agricultural Research Systems
NCSU	North Carolina State University
NFBSFARA	National Funds for Basic Strategic and Frontier Application Research in Agriculture
NFSM	National Food Security Mission
NGO	Non-Governmental Organization
NICRA	National Initiative on Climate Resilient Agriculture
NRM	Natural Resource Management
O/L Ratio	Oleic to Linoleic (Acid Ratio)
OCPF	Office Chérifien des Phosphates Foundation
OFID	The OPEC Fund for International Development
OPEC	Organisation of Petroleum Exporting Countries
PEAT	Progressive Environmental & Agricultural Technologies
PHM	Post-harvest management
PMIL	Peanut and Mycotoxin Innovation Lab
PMU	Program Management Unit
PPA	Program Participant Agreement
PRUNSAR	Putting Research in to Use for Nutrition, Sustainable Agriculture and Resilience
PTTC	Platform for Translational Research on Transgenic Crops
QTL	Quantitative Trait Locus
R&D	Research and Development
RECL	Rural Electrification Corporation Ltd
RGR	Reviving Green Revolution
RISING	Research in Sustainable Intensification for the Next Generation
RKVY	Rashtriya Krishi Vikas Yojana

RNA	Ribonucleic acid
RRFL	Rainfed Rice Fallow Land
SA	South Asia
SADC	Southern African Development Community
SALBS	Sustainable Advanced Lignocellulosic Biofuel Systems
SARI	Savana Agricultural Research Institute
SARI	Selian Agricultural Research Institute
SAT	Semi-Arid Tropics
SEMEAR	Improved Seeds for Better Agriculture
SERB	Science and Engineering Research Board
SERP	Society for Elimination of Rural Poverty
SERVIR WA	SERVIR West Africa
SFF	Sehgal Family Foundation
SKRAU	Swami Keshwanand Rajasthan Agricultural University
SLU	Swedish University of Agricultural Sciences
SMU	Sorghum for Multiple Uses
SNP	Single Nucleotide Polymorphisms
SOMNI	Sorghum and Millet Value Chains for Food, Nutritional and Income Security
SRF	Strategy and Results Framework
SSA	Sub-Saharan Africa
STARS	Spurring a Transformation for Agriculture through Remote Sensing
START	SysTem for Analysis, Research and Training
SUCs	State Universities and Colleges
TAAT	Technologies for African Agricultural transformation
TEDT	Tata Education and Development Trust
TL III	Tropical Legumes III
UK	United Kingdom
UNEP	United Nations Environment Programme
US	United States
USA	United States of America
USAID	United States Agency for International Development
USDA	United States Department of Agriculture
UTAS	University of Tasmania
WAAPP	West Africa Agricultural Productivity Programme
WCA	West and Central Africa
WECARD	West and Central Africa Council for Agricultural Research and Development
WLE	Water, Land and Ecosystems
WVIZ	World Vision International Zimbabwe

International Crops Research Institute for the Semi-Arid Tropics
Schedule of Accounts Receivable - Donors For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Donor	2020	2019
Windows 1 & 2 with out PPA:		
Bilateral and Window 3:		
Asian Development Bank	33	73
Australia	-	11
Austria	14	7
Belgium	51	48
Canada	8	8
Care Inc	546	498
CIAT	95	125
CIP	49	138
CORAF	-	37
Ethiopia	-	128
European Union	411	228
FAO	63	52
FARA	206	206
Global Crop Diversity Trust (GCDT)	300	278
Germany	747	553
Ghana	12	-
Greece	18	-
IFAD	110	13
ICRAF	259	259
ILRI	64	734
IFPRI	44	-
IFPRI-CIAT	3	83
IITA	43	150
India	2,130	1,995
IWMI	34	1
Niger	667	146
Nigeria	10	4
Private Seed Companies	130	285
Saudi Arabia	37	37
Spain	13	10
Sweden	10	-
Turkey	3	-
United Kingdom	312	211
USA	323	601
Zimbabwe	443	351
Total Accounts Receivable - Donors	7,188	7,270

International Crops Research Institute for the Semi-Arid Tropics
Schedule of Funds Received in Advance - Donors For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Donor	2020	2019
Windows 1 & 2 with out PPA:		
Bilateral and Window 3:		
Austria	10	10
Australia	42	30
Bioversity International	187	-
CGIAR	13,138	8,104
CIAT	41	-
CIP	53	-
CRS	194	-
Ethiopia	144	169
European Union	1,277	1,883
FAO	8	16
Germany	27	36
Global Crop Diversity Trust (GCDT)	72	119
Greece	-	14
IER	10	7
IFAD	-	189
IFDC	13	-
India	2,104	3,968
Ireland	1,961	1,959
IFPRI	54	2
IITA	491	1,298
ILRI	216	7
ISRA	22	-
McKnight Foundation	71	55
NRTT	2	2
Netherlands	213	100
Private Seed Companies	13	3
Sweden	-	37
Switzerland (SDC)	225	317
Turkey	-	3
UK	182	3
USA	799	1,352
Zimbabwe	33	32
Total Restricted - Bilateral Donors	21,602	19,715

Appendix 3

International Crops Research Institute for the Semi-Arid Tropics Grant Revenues - Seed Companies For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Project/Company	2,020
A. Diversification of Sorghum Hybrid Parents for Increased Stable Production:	
Funds receivable as at December 31, 2019	(107)
Add: Contributions during the year	
Hytech Seed India Private Limited	16
Rasi Seeds (P) Limited	8
Super Seeds (P) Limited	8
UPL Agro SA de CV	14
UPL Limited	16
Others	-
Total funds	(45)
Add: Expenditure during the year	(62)
Balance receivable as at December 31, 2020	(107)
B. Diversification of Pearl Millet Hybrid Parents for Increased Stable Production:	
Funds receivable as at December 31, 2019	(177)
Add: Contributions during the year	
Adriana Agricola Ltda	24
Advanta (UPL) India Limited	16
Arya Hybrid Seeds Limited	8
Limagrain India Private Limited	16
Bayer BioScience Private Limited	16
Daftari Seeds (OPC) Private Limited	-
DCM Shriram Consolidated Limited	16
Dinakar Seeds Private Limited	8
Eco AgriSeeds Private Limited	-
Ganga Kaveri Seeds Private Limited	16
Hytech Seed India Private Limited	16
Hi-Yield Agri Genetics Private Limited	16
J K Agri Genetics Limited	16
Kamadgiri Crop Science Private Limited	16
Karthik Bio seed	16
Kaveri Seed Company Private Limited	16
Kanchan Ganga Seeds Company Private Limited	16
Rallis India Limited	16
Mahyco Private Limited	16

Nath Biogenes (I) Limited	16
Nu Genes Private Limited	24
Nuziveedu Seeds Limited	16
Nandi Seeds Private Limited	16
COVERTA(Pioneer Hi-Bred Private Limited)	16
Rasi Seeds (P) Limited	16
VNR seeds limited	16
SeedWorks International Private Limited	16
Super Seeds (P) Limited	16
Others	5
Total funds	244
Less: Expenditure during the year	(267)
Balance receivable as at December 31, 2020	(23)
C. Diversification of PegionPea Hybrid Parents for Increased Stable Production:	
Funds as at December 31, 2019	-
Add: Contributions during the year	
Booster Plant Genetics Private Limited	7
Total funds	7
Less: Expenditure during the year	-
Balance available as at December 31, 2020	7
D. Sorghum and Pearl Millet Hybrid Parents Research Consortium:	
Funds available as at December 31, 2019	3
Add: Contributions during the year	-
Misr Hytech Seed Company	-
Seed Co International	10
Total funds	13
Less: Expenditure during the year	(7)
Balance available as at December 31, 2020	6
E. Promote Research and Allied Activities Under Groundnut Varietal Development Research Consortium:	
Funds as at December 31, 2019	-
Add: Contributions during the year	
Vishwas Agri Seed Pvt.Ltd.,	4
Bombay Super Hybrid Seeds Ltd.,	4
Total funds	8
Less: Expenditure during the year	8
Balance as at December 31, 2020	-

International Crops Research Institute for the Semi-Arid Tropics
Region wise Expenditure 2020 For the Year Ended December 31, 2020

(All amounts in thousands of United States Dollars)

Category	Expenditure by Geographical Regions						
	Expenditure	Sub-Saharan Africa	Europe	Latin America	Asia	CWANA	Total
Total Expenditure (Gross)	60,927	39,603	-	-	21,324	-	60,927
Less : CGIAR Collaboration	(7,572)	(4,922)	-	-	(2,650)	-	(7,572)
Total Expenditure	53,355	34,681	-	-	18,674	-	53,355

Category	Benefits by Geographical Regions						
	Expenditure	Sub-Saharan Africa	Europe	Latin America	Asia	CWANA	Total
Total Expenditure (Gross)	60,927	39,603	-	-	21,324	-	60,927
Less : CGIAR Collaboration	(7,572)	(4,922)	-	-	(2,650)	-	(7,572)
Total Expenditure	53,355	34,681	-	-	18,674	-	53,355

**International Crops Research Institute for the Semi-Arid Tropics
Center Staff Details :: 2020 For the Year Ended December 31, 2020**

(All amounts in thousands of United States Dollars)

Category	Male	Female	Total
Internationally recruited staff	55	14	69
Nationally recruited staff	769	242	1011
Total Staff	824	256	1080



INTERNATIONAL CROPS RESEARCH
INSTITUTE FOR THE SEMI-ARID TROPICS



ICRISAT is a CGIAR
research center

We believe all **people** have a **right** to **nutritious food** and a **better livelihood**.

ICRISAT works in agricultural research for development across the drylands of Africa and Asia, making farming profitable for smallholder farmers while reducing malnutrition and environmental degradation.

We work across the entire value chain from developing new varieties to agribusiness and linking farmers to markets.

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