

SUGAR REGULATORY ADMINISTRATION
SIDA RESEARCH, DEVELOPMENT & EXTENSION PROGRAM
SUMMARY OF SIDA-RDE PROJECTS Budget Utilization as of December 2023

NO.	PROJECT TITLE	IMPLEMENTING INSTITUTION/ORGANIZATION	DATE STARTED	TARGET COMPLETION DATE	% UTILIZATION
COMPLETED (23 projects)					
1	Improvement of the Recommended Sugarcane Varieties using Nuclear Technology and Biotechnology	Philippine Nuclear Research Institute PNRI	November 2016	February 2020	100%
2	Emerging & Re-emerging Diseases of Sugarcane	UPLB-IPB	March 2017	December 2020	100%
3	Establishment of Demo-plots to Monitor Leaf Scald Disease of Sugarcane	UPLB	May 2017	September 2019	100%
4	Analysis of Sugarcane Supply/Value Chain in some Major Sugarcane Producing Provinces in the Philippines	UPLB	March 2017	July 2019	100%
5	Establishment of Bio-Organic Fertilizer Facility in Cotabato Mill District	Cotabato MDDC	December 2018	March 2020	100%
6	Marker-Assisted Selection (MAS) of Sugarcane	SRA-LGAREC	January 2018	December 2019	100%
7	Renovation of Micropropagation Laboratory	SRA-LGAREC	January 2018	December 2019	100%
8	Rehabilitation of SRA-LGAREC Trichogramma Laboratory	SRA-LGAREC	January 2018	2020	100%
9	Upgrading the Soils Laboratory of Davao MDDC	Davao MDDC	2020	2020	100%
10	Upgrading the Soils Laboratory of Bukidnon MDDC	Bukidnon MDDC	June 2020	December 2020	100%
11	Alternative Method of Conducting Physical Sugar Inventories	SRA	2018	2020	100%
12	Capacity Building of Sugarcane Farmers, Workers & SRA Research & Extension Personnel	SRA	January 2017	December 2019	100%
13	Extension Training on Sugar Technology	SRA, PSMA	July 2017	October 2019	100%
14	Establishment of Sugarcane Flower Induction Nursery in Negros Occidental	SRA-LGAREC Canlaon City, Negros Occidental	January 2017	December 2019	100%
15	Participation in the 30th Session of ICUMSA	SRA, PSMA, PASRI	June 2016	2021	100%
16	Characterization of HFCS & Comparative Effects of Cane Sugar & HFCS in Blood Glucose & Lipid Profile of Sprague-Dawley Rats	FNRI	October 2018	June 2021	100%
17	Nutrient & Water Management for SRA Block Farms Towards Technical & Economic Viability	CLSU (Batangas, Pampanga and Tarlac site)	May 2018	May 2021	100%
18	Upgrading of Soils Laboratory-ISABELA STATE UNIVERSITY	Isabela State University - Cabagan	November 2018	December 2021	100%
19	Assessment of Sugarcane Varieties & Germplasm Collection for Drought & Water-logging Tolerance	UPLB-IPB, SRA LAREC, LGAREC	July 2017	December 2021	100%
20	Rehabilitation of the Irrigation Water System & Greenhouse of LAREC-Pampanga in Support to R,D & E	SRA-LAREC-Pampanga	2020	2022	100%
21	Utilization of In-vitro Technology for Conservation and Micro propagation for Quality Seed/Planting Material Production for Sugarcane Variety Improvement and Enhanced Farm Productivity	UPLB-IPB	January 2017	June 2022	100%
22	Rehabilitation of the Irrigation Water System of LGAREC in Support to R,D & E	SRA, UPLB-La Granja	January 2017		100%
23	Rehabilitation of the Irrigation Water System of LGAREC in Support to R,D & E	UPLB-IPB	March 2017	March 2023	100%
ON-GOING (39 projects)					

1	Upgrading the Soils Laboratory of LGAREC & SUCs (VSU, CPSU, CapSU) First Farmers, Lopez MDDC, San Carlos MDDC and Jalasig	LGAREC & SUCs, MDDCs, Jalasig Planters Association	November 2016	2023	96%
2	Soil Characterization of the Sugarcane Mill Districts in the Philippines	BSWM	August 2017	December 2026	85%
3	Rapid Propagation of Sugarcane High-Yielding Varieties in Sugarcane Mill Districts Nationwide	SRA, UPLB, SUC's, MDDCs, Planters Association	(2016-17 GAA) January 2018	Continuing	71%
			(2023 GAA) 2023	Continuing	16%
4	Quick Response to Sugarcane Pests and Diseases	SRA	January 2018	Continuing	88%
5	Accelerated Technology Transfer Program	SRA	2017	2019	100%
6	HYV Nursery & Farm Machinery Support at the LGAREC-Negros Occidental Experiment Station	SRA-LGAREC	2021	2023	79%
7	Design/Fabrication of Farm Mechanization Machineries, Equipment and Implements & Acquisition of Prototypes for Testing	SRA, UPLB, PHILMECH, CREA-ING/Italy	2021	2021	100%
8	Performance Trials & Evaluation of Various Sugarcane Harvesting Machineries in the Various Sugarcane Mill Districts	SRA	2021	2021	100%
9	Harmonization of Sugar Mill Laboratory Analytical Facilities	SRA and Bacolod Sugar Lab, Mill & Refineries	(2016-17 GAA) May 2018	May 2024	94%
			(2023 GAA) Continuing	May, 2024	69%
10	Enhancing SRA's Capacity to Evaluate the Technological & Economic Performance of the Sugarcane Industry	SRA	2018	2022	0%
11	Sustainable In-vitro Conservation of Philippine Sugarcane Accessions at NPGRL-IPB-UPLB	UPLB-IPB	July 2022	Continuing	0%
12	Soil Rejuvenation of Small Sugarcane Farms in Different Mill Districts in the Philippines	SRA	July 2023	June 2024	0%
13	Trichoderma and Mycorrhiza Project for Soil Rejuvenation	SRA-LGAREC	February 2023	February 2024	26%
14	Kinetics of Slow Release of Fertilizer using Mill Ash	SRA-LGAREC	September 2023	September 2025	16%
15	Fertilizer Recommender System for Sugarcane (SRA-FERSS)	SRA	February, 2023	February, 2025	50%
16	Upgrading the Soil Laboratories of SRA-Luzon Agricultural Research and Extension Center (SRA-LAREC) in Pampanga, Bukidnon and Davao	SRA-LAREC	February, 2023	August, 2024	7%
17	Sloping Agricultural Land Technology (SALT) for Sugarcane	SRA-LGAREC	January, 2023	December, 2026	1%
18	Management of Soil Nutrition in Sandy Soil	SRA-LAREC	July, 2023	June, 2026	27%
19	Chemical Mutagenesis of SRA HYVs for Salinity and Drought Tolerance	SRA-LGAREC	January, 2023	December, 2026	82%
20	Nutrient Use Efficiency Assessment of Promising Drought Tolerant Sugarcane Varieties	UPLB, SRA-LAREC & SRA-LGAREC	January, 2023	December, 2026	94%
21	Drought Indicator and Monitoring System for Sugarcane (DiMoSS)	SRA	February, 2023	February, 2025	1%
22	Establishment of a Sugarcane Integrated Monitoring, Forecasting and Estimation System (SiMFES) for the Philippine Sugarcane Industry	UPLB, SRA, PSMA	January, 2023	December, 2023	79%

23	Study on the Implications of Mechanized Harvesting and Loading of Sugarcane (Trash and Mud Reduction) on Sugarcane Quality and Milling Operation	PSMA, SRA	August, 2023	May, 2024	15%
24	Quick Response to Sugarcane Pest and Disease Infestations in Luzon, Visayas and Mindanao Mill Districts	SRA	Continuing		3%
25	Mass Production of Metarhizium anisopliae and Beauveria bassiana Against White Grubs on Sugarcane	SRA-LGAREC	January, 2023	December, 2025	44%
26	Morphological, Cultural and Pathological Characterization of Fungal and Bacterial Diseases in Negros Island	SRA-LGAREC	January, 2023	December, 2025	24%
27	Provision of Irrigation Water Lines, Sprinklers and Accessories to Support Sugarcane Research and Production	SRA-LGAREC	January, 2023	December, 2023	0%
28	Installation of Irrigation Water Mister for Micropropagation Nursery	SRA-LGAREC	January, 2023	December, 2023	0%
29	Capability Building of Sugarcane Farmers, Workers, and technical Personnel of Extension Services Division	SRA	January, 2023	December, 2024	41%
30	Extension Training on Sugar Technology	SRA	February, 2023	February, 2024	45%
31	Enhancing SRA's Capacity to Evaluate the Technological & Economic Performance of the Philippine Sugarcane Industry	SRA	Continuing		4%
32	Establishment of Greenhouse with Automated Drip and Micro-sprinkler Irrigation	SRA-LGAREC	January, 2023	December, 2023	0%
33	Rehabilitation of Beneficial Micro-organism (BMO) Building	SRA-LGAREC	January, 2023	December, 2023	0%
34	Rehabilitation of Crop Research Building No. 1 (Phase 1)	SRA-LGAREC	January, 2023	December, 2023	0%
35	Rehabilitation of Crop Research Building No. 2 (Phase 1)	SRA-LGAREC	January, 2023	December, 2023	0%
36	Rehabilitation of Crop Research Building No. 3(Phase 2)	SRA-LGAREC	January, 2023	December, 2023	0%
37	Synthesis, characterization and application of Super absorbent nanocomposite hydrogel based on baggase	SRA-LGAREC	October, 2023	October, 2025	0%
38	Soil Microbial Population Profiling, Isolation, and Identification of Biological Nitrogen fixers in Sugarcane Planted Areas of Negros.	SRA-LGAREC	March, 2023	March, 2025	20%
39	Assessment of Land Suitability for Sugarcane Production in Negros Island Using Analytical Hierarchy Process (AHP) and Geographic Information System (GIS)	SRA-LGAREC	January, 2023	December, 2023	27%
CANCELLED/Deferred (9 projects)					
1	Sugarcane Seed Farm Project (Fund from Adaptability Trials of Newly- Released Sugarcane Varieties)	SRA			0%
2	Water Management Through Drip Irrigation in the Sugarcane Mill Districts including LGAREC	SRA-LGAREC & Isabela SUC			0%
3	Mechanization of SRA-LGAREC Nursery (Mechanization of UPLB's Nursery)	SRA-LGAREC			0%
4	Development of Standards of sugarcane production & harvesting farm machineries., equipment & implements	UPLB			0%
5	Development, Packaging & Delivery of Farm Management Information System for Major Sugarcane Mill Districts	PHILSURIN and /or other CSO or SUCs			0%
6	Enhancing Sugarcane Varieties for Prolonged Ratooning, Productivity & Profitability	PHILSURIN and /or other CSO or SUCs			0%

7	Development of Sugarcane Varieties for for Low InputFarms	PHILSURIN , UPLB & CLSU			0%
8	Development of Site-Specific Soil management & Fertilizer Requirement Guide	PHILSURIN and /or other CSO or SUCs			0%
9	Correlation, Study on Polarization & Sucrose	PSMA			0%
SUSPENDED/TERMINATED (2 Projects)					
1	National Cooperative Tests of Sugarcane Varieties prior to Commercialization	SRA, UPLB-La Granja	January 2017	Suspended	100%
2	Post-Entry Quarantine and Disease Indexing of Introduced Varieties of Sugarcane	UPLB-IPB	August 2017	August 2022	94%