

SUGAR REGULATORY ADMINISTRATION
SIDA RESEARCH, DEVELOPMENT & EXTENSION PROGRAM
STATUS AND ACCOMPLISHMENTS OF RDE ON-GOING PROJECTS (As of December 2023)

NO.	PROJECT TITLE	IMPLEMENTING INSTITUTION/ORGANIZATION	DATE STARTED	TARGET COMPLETION DATE	% UTILIZATION
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 (DlaMoSS)	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%