



Department of Agriculture  
**SUGAR REGULATORY  
ADMINISTRATION**

# ANNUAL REPORT

## 2022

"The Philippine Sugarcane Industry,  
Promoting Advancement Amidst  
Global Challenges."



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# MANDATES

**Executive Order No. 18, series of 1986.** The Sugar Regulatory Administration (SRA) was created by virtue of **E.O. No. 18, s. 1986** which declares that: "It shall be the policy of the State to promote the growth and development of the sugar industry through greater and significant participation of the private sector and improve the working conditions of laborers."

## **Corporate Objectives**

- 1. To institute an orderly system in sugarcane production for the stable, sufficient and balanced production of sugar, for local consumption, exportation and strategic reserves;*
- 2. To establish and maintain such balanced relation between production and requirement of sugar and such marketing conditions will ensure stabilized prices at a level reasonably profitable to the producers and fair to consumers;*
- 3. To promote the effective merchandising of sugar and its by-products in the domestic and foreign markets so that those engaged in the sugar industry will be placed on a basis of economic viability;*
- 4. To undertake such relevant studies as maybe needed in formulation of policies and in the planning and implementation of actor programs reuired in attaining the purposes and objectivesn set forth under E.O. 18 s. 1986.*

**Republic Act No. 9367 (Biofuels Act of 2006)** mandated SRA as member of the National Biofuel Board (NBB) to develop and implement policies supporting the Philippine Biofuel Program and to ensure security of domestic sugar supply.

## **Corporate Objectives**

- 1. To develop and implement policies supporting the Philippine Biofuel Program;*
- 2. To institute a program that would guarantee that a sufficient reliable supply of feedstocks is allocated for biofuel production;*
- 3. To publish information on available and sustainable areas for the cultivation and production of sugarcane for bioethanol production.*

**RA 10659 or the Sugarcane Industry Development Act of 2015 (SIDA)** further declares the policy of the State to promote the competitiveness of the sugarcane industry and maximize the utilization of sugarcane resources, and improve the incomes of farmers and farm workers, trough improved productivity, product diversification, job generation, and increased efficiency of sugar mills.

## **Corporate Objectives**

- 1. To boost the production of sugarcane and sugar and to increase the income of sugarcane farmers/planters and workers through the implementation of sugarcane productivity improvement programs such as block farming, farm support initiatives like farm management, technical ssistance to sugarcane farmers, socialized credit, farm mecanization, research and development, extension services, scholarship and infrastructure programs;*
- 2. To establish a supply chain monitoring system from sugarcane to sugar at the retail level to ensure sufficiency and safety of sugar;*
- 3. To classify imported sugar according to its appropriate classification when imported at the time when domestic production is sufficient to meet domestic sugar requirements;*

## VISION



By 2040, the Philippines shall have a globally competitive sugarcane industry that supports the food, power and other related industries through an institutionally competent and SRA and committed stakeholders, for a secured future for Filipinos.



## MISSION

"SRA is a government Owned and Controlled Corporation which formulates responsive development and regulatory policies, and provides RD & E services to ensure sufficient supply of sugarcane for a diversified, sustainable and competitive industry that improves productivity and profitability of sugarcane farmers and processing industries, and provides decent income for workers towards enhancing the quality of life of Filipinos."

## QUALITY POLICY

"SRA is committed to promote the advancement and competitiveness of the sugarcane industry amidst global challenges. It shall continue to improve the way it does its business in an effort to meet the expectations of its clientele while maintaining compliance to applicable legal requirements. It shall ensure the continual improvement of its human resource capabilities as response to the current and strategic needs of the industry."

# STRATEGIC AGENDA

1

Boosting local production and raising the farmers' and fisherfolks' income

- ✓ Rapid Propagation of High Yielding Varieties (HYV) of Sugarcane
- ✓ Production and promotion of beneficial microorganisms (BMO)
- ✓ Soil Rejuvenation /Soil Fertilization/Soil Nutrients
- ✓ SIDA-Block Farm Program
- ✓ SIDA - Socialized Credit Program (SCP)

2

Ensuring accessibility to affordable, safe and nutritious food that benefit all Filipinos.

- ✓ Regulatory Services

3

Developing strong, modernized and climate-resilient value chains through the delivery of quality services

- ✓ SIDA Infrastructure Program
- ✓ Capacity and Efficiency Mill Audits
- ✓ Upgrading the scientific capability of SRA's research centers and laboratories

4

Institutionalizing policy reforms and strengthening institution to enhance efficiency and accelerate the modernization of the sector.

- ✓ SIDA Scholarship Program
- ✓ Other Research, Development and Extension (RDE) Program
- ✓ Outreach Program for the Sugarcane Industry (OPSI)
- ✓ Crop Estimate System and Crop Productivity Monitoring Farm
- ✓ Mechanization

# 2022 PERFORMANCE SCORECARD

Strategic Objectives (SO)	Strategic Measure	Target	Actual	Attainment
SO 1	Productivity (tons cane/hectare)	53	54	
	Sugar Production (MMT)	1.80	1.82	
	Average Income/Hectare of Block Farm (Php)	72,916	101,828	
SO 2	Volume of Buffer Stock (MT)	240,000	160,800	
SO 3	Percentage of satisfied customers	90%	NC	
	Number of Accredited Block Farms	50	49	
	Number of Scholars Enrolled	772	710	
SO 4	Number of Completed Research Projects In Breeding Technology	31	27	
	Number of Completed Research Projects In Production Technology	18	19	
SO 5	Percentage compliance to SRA Policies, Rules & Regulations by Millers & Traders	100%	98.64%	
SO 6	Percentage of Personnel with Required Competencies Met	100%	56.05%	
	ISO 9001 Certification	Passed	Passed	
SO 7	EBITDA Margin (EBITDA/Total Revenue)	41.02%	46.78%	
	Budget Utilization Rate	90%	100%	

SO 1: Empowered Sector Significantly Contributing to Food Security and Poverty Reduction

SO 2: Maintained Balanced Sugar Supply and Demand Requirements

SO 3: Improved Income, Profitability and Global Competitiveness of the Sugarcane Industry

SO 4: Provide Responsive Technical Assistance and Extension Services to Sugarcane Industry Stakeholders

SO 5: Enforce and Implement Pro-Active and Effective Policies, Rules and Regulations

SO 6: Sustain the Development of Expertise and Human Resources in the Field of Sugarcane Industry, Development and Related Area

SO 7: Maintain Sound Financial Management

# Industry Updates

## CY 2021- 2022



### 394,637 hectares

Total sugarcane area for raw sugar production

10 regions, 28 provinces

- 41,515 (10.5%) - Luzon
- 271,623 (68.9%) - Visayas
- 81,499 (20.6%) - Mindanao



### 92,493 farmers

87% or 80,420 are small farmers cultivating farms which are five (5) hectares and less.

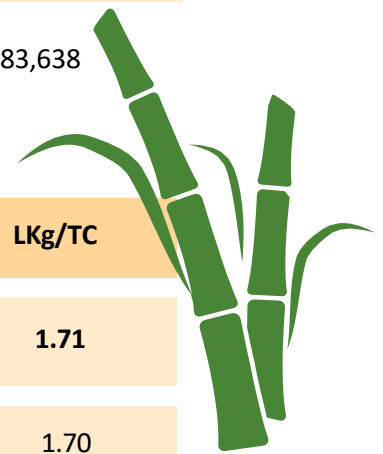
### Production Cane and Raw Sugar



CROP YEAR	Total Production (Metric Tons)	
	Cane	Raw Sugar
2021-2022	21,234,605	1,820,863
2020-2021	25,276,061	2,143,018
2019-2020	23,299,178	2,145,693
2018-2019	21,767,659	2,074,110
2017-2018	23,860,924	2,083,638

### Productivity

CROP YEAR	TC/Ha.	LKg/Ha.	LKg/TC
2021-2022	53.81	92.28	1.71
2020-2021	63.32	107.37	1.70
2019-2020	57.80	106.46	1.84
2018-2019	53.13	101.25	1.91
2017-2018	57.05	99.64	1.75



# Industry Updates

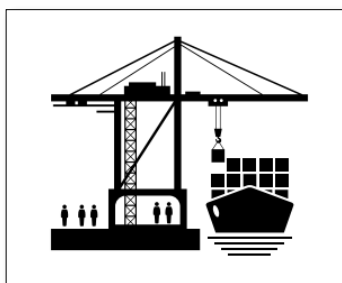
CY 2021- 2022



## Demand: Raw and Refined Sugar

CROP YEAR	Domestic Sugar Withdrawals		
	Raw Sugar Withdrawals (Metric Tons)	Raw Sugar for Refining (Metric Tons)	Refined Sugar* (Metric Tons)
2021-2022	1,939,658	714,513.00	864,927
2020-2021	2,033,366	827,853.00	909,742
2019-2020	2,028,816	776,792.00	736,130
2018-2019	1,884,220	773,040.00	775,518
2017-2018	2,098,353	773,040.00	1,091,040

\* From domestic production and imports



## Trade: Sugar Imports and Exports

CROP YEAR	Raw Sugar Exports (in Metric Tons)		Refined Sugar Imports (in Metric Tons)
	U.S. Market	World Market	
2021-2022	-	-	226,177*
2020-2021	112,008	-	81,032
2019-2020	109,681	273	283,393
2018-2019	103,685	-	302,392
2017-2018	116,212	174,789	149,246

\*Sugar Order No. 3, Series 2021-2022 and Sugar Order No. 3, Series 2020-2021





# Industry Updates

## CY 2021- 2022



### Millsite Prices: Raw Sugar and Molasses

CROP YEAR	Php/LKg.				Php/MT
	"A"US Export	"B" Domestic	"D" World	Composite	Molasses
2021-2022	-	2,041.87	-	2,041.87	11,472.60
2020-2021	1,239.10	1,569.40	-	1,557.80	9,315.13
2019-2020	1,295.50	1,493.80	-	1,483.88	11,464.13
2018-2019	1,206.16	1,549.06	-	1,534.21	9,273.66
2017-2018	1,151.44	1,541.49	684.22	1,487.89	6,282.06

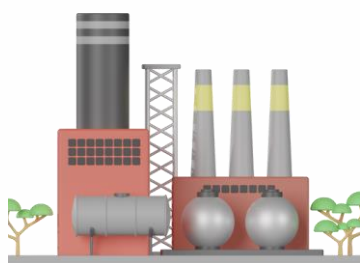
### Metro Manila Prices: Average Wholesale and Retail

CROP YEAR	Wholesale (Php/50-Kg. Bag)			Retail (Php/Kilogram)		
	Raw	Washed	Refined	Raw	Washed	Refined
2021-2022	2,269.04	2,404.56	3,092.82	54.06	56.76	67.04
2020-2021	1,761.20	1,910.29	1,829.92	46.73	50.47	54.00
2019-2020	3,092.82	2,216.94	2,241.61	48.40	51.34	55.25
2018-2019	1,750.42	1,933.56	2,282.00	53.12	56.08	61.57
2017-2018	1,728.75	1,873.58	2,283.19	49.88	52.46	58.11



# Industry Updates

## CY 2021- 2022



### 28 Operating Sugar Factories

6 Luzon  
18 Visayas  
4 Mindanao



### 13 Operating Sugar Refineries

4 Luzon  
7 Visayas  
2 Mindanao

### Performance of Production Facilities CY 2021-2022

Sugar Mills/Refineries	Sugar Mills		Sugar Refineries	
	Rated Capacity (TC/day)	Raw Sugar Production (In Metric Tons)	Rated Capacity (LKg/day)	Refined Sugar Production (In 50-Kg. Bag)
<b><u>LUZON</u></b>	<b>31,628</b>	<b>133,403</b>	<b>25,412</b>	<b>2,431,502</b>
Universal Robina Corp. - CARSUMCO	3,428	10,925	5,000	65,903
Central Azucarera de Tarlac (Luisita)	7,200	28,321	11,000	533,773
URC-Balayan	5,000	45,138		-
Central Azucarera de Don Pedro Inc.	12,000	41,682	9,412	1,831,826
PENSUMIL, Inc.	4,000	7,337		-
<b><u>MINDANAO</u></b>	<b>39,100</b>	<b>364,385</b>	<b>24,500</b>	<b>2,005,674</b>
Busco Sugar Milling, Co. Inc.	18,000	146,854	18,000	1,987,145
Cotabato Sugar Central Co., Inc.	4,800	45,482		-
Crystal Sugar Co., Inc.	11,500	149,339		-
Davao Sugar Central Co., Inc.	4,800	22,710	6,500	18,529

Victoria's Refined Sugar



# Industry Updates

CY 2021- 2022

cont... Performance of Production Facilities CY 2021-2022

Sugar Mills/Refineries	Sugar Mills		Sugar Refineries	
	Rated Capacity (TC/day)	Raw Sugar Production (In Metric Tons)	Rated Capacity (LKg/day)	Refined Sugar Production (In 50-Kg. Bag)
<b><u>VISAYAS</u></b>	<b><u>130,800</u></b>	<b><u>1,323,075</u></b>	<b><u>92,711</u></b>	<b><u>10,347,826</u></b>
Central Azucarera de Bais, Inc.	8,000	71,353		
Binalbagan-Isabela Sugar Co., Inc.	14,000	137,250	15,000	901,312
First Farmers Holding Corp.	4,500	68,506	10,000	667,173
Hawaiian-Phil. Co.	7,500	90,878	-	-
HDJ Bayawan Agri Ventures Corp.	2,500	3,847	-	-
URC - La Carlota	16,000	157,611	-	-
Lopez Sugar Corp.	7,500	121,745	13,871	3,245,341
URC -Ursumco	8,000	67,976	13,300	663,455
Sagay Central Inc.	4,000	33,628	-	-
URC - Sonedco	14,000	150,883	15,000	1,843,101
HDJ - Tolong	4,000	20,957	-	-
Victorias Milling Company, Inc.	15,000	234,964	20,540	3,027,444
OPTION - MPC	500	6,005	-	-
Capiz Sugar Central, Inc.	4,500	28,098	-	-
Central Azucarera de San Antonio	8,000	58,671	-	-
URC - PASSI	5,000	39,151	-	-
Bogo-Medellin Milling Co., Inc.	2,800	8,338		-
Hideco Sugar Milling Co., Inc.	5,000	23,214	5,000.00	-

# Bioethanol Industry Updates

CY 2021-2022

## Bioethanol Industry Situationer



### 11,417.55 Hectares

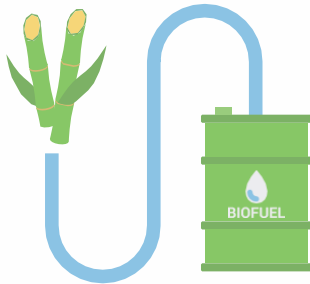
**Total area of sugarcane farms for bioethanol production**

- Batangas - 3,627.55 hectares
- Isabela - 3,500 hectares
- Negros Occidental - 4,290 hectares



### Production Capacity

- 13 Bioethanol Distilleries
- 456 million liters total annual production capacity



### Feedstock Utilization

- 539,646 metric tons Sugarcane
- 1,250,674 metric tons Molasses



**10 % Mandated Gasoline**

**357.7 M Liters**

Actual bioethanol production



**₱65.79/ Liter**

Average Bioethanol Reference Price Index

CY 2021-2022

# Bioethanol Industry Updates

## Bioethanol Production and Feedstock Utilization per Distillery

Bioethanol Distillery	Rated Capacity (in million liters)	Actual Volume produced (in million liters)	Feedstock Utilization (Metric Tons)	
			Molasses	Sugarcane
San Carlos Bioenergy	33	24,625,088	70,781	24,359
Leyte Agri Corporation	9	10,557,428	40,800	-
Universay Robina Corp. (La Carlota Distillery) formerly Roxoll	45	41,717,083	167,775	-
Green Future Innovations, Inc.	54	16,966,787	4,786	281,912
Balayan Distillery, Inc	48	46,200,000	187,327	-
Far East Alcohol Corp.	15	4,868,050	23,714	-
Kooll Company, Inc.	30	17,449,235	74,717	-
Universal Robina Corp. (Bais)	30	27,481,976	110,737	-
Absolut Distillers, Inc.	30	40,154,600	149,698	-
Progreen Agricorp, Inc. - Nasugbu	30	21,728,306	86,292	-
Victoria's Milling Company, Inc.	36	25,930,779	89,744	-
Progreen Agri Corp., Inc. - Balayan	66	56,126,422	171,512	233,375
Asian Alcohol Corp	30	23,941,800	72,791	-
<b>TOTAL</b>	<b>456</b>	<b>357,747,554</b>	<b>1,250,674</b>	<b>539,646</b>

Source: Renewable Energy Management Bureau (REMB), Department of Energy (DOE)



# SIDA Accomplishments

## Block Farm Program



**PhP 213.678 Million (2022 GAA)**

PhP 85.471 Million for Luzon and Mindanao Php

128.207 Million for Visayas

### PHYSICAL ACCOMPLISHMENTS

#### GAA 2022



##### 32 Operationalized Block Farms

12 Block Farms for Luzon and Mindanao 20 Block Farms for Visayas



##### 1,156 Farmer Enrollees

320 Enrollees in Luzon and Mindanao 836 Enrollees in Visayas

##### 27 Four-Wheel Tractors (90 hp)

20 Tractors delivered to Visayas Block Farms 7 Tractors delivered to Luzon and Mindanao Block Farms with:



- 7 units Disc Harrow
- 3 units Disc Plow
- 4 units Furrower)



##### 1,327.86 Hectares Covered

628.12 Ha in Luzon and Mindanao 699.74 Ha in Visayas

#### GAA 2016 -2021



##### 25 STW Irrigation Sets with Accessories

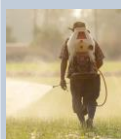
Delivered to Luzon and Mindanao 10 sets for 2018 GAA Block Farms 15 sets for 2019 GAA Block Farms



##### 125 Capacity Building

##### Trainings/Seminars Conducted

46 Trainings/Seminars in Luzon and Mindanao 79 Trainings/Seminars in Visayas



##### 25 Power Knapsack Sprayers

Delivered to GAA 2019 Luzon and Mindanao Block Farms



##### 3,905 Farmer-attendees

1,020 Attendees from Luzon and Mindanao 2,885 Attendees from Visayas



##### 867 Bags of Organic Fertilizer

Distributed to GAA 2016-2019 Luzon and Mindanao Block Farms for Soil Rehabilitation

### BLOCK FARM PRODUCTIVITY , C.Y. 2021-2022

	BASELINE DATA										WITH INTERVENTION				
	CY 2016-2017		CY 2017-2018		CY 2018-2019		CY 2019-2020		CY 2021-2022		CY 2021-2022		% increase		
	TC/HA	LKg/HA	TC/HA	LKg/HA	TC/HA	LKg/HA	TC/HA	LKg/HA	TC/HA	LKg/HA	TC/HA	LKg/HA	TC/HA	LKg/HA	
LUZON & MINDANAO															
GAA 2016	44.71	68.92									48.58	73.38		8.66	6.47
GAA 2017			46.45	69.86							49.02	76.65		5.53	9.59
GAA 2018					42.64	74.97					60.9	96.36		42.82	28.53
GAA 2019							47.76	79.72			51.68	72.64		8.21	(-8.88)
GAA 2022									24.62	36.39					
VISAYAS															
GAA 2016	46.23	80.96									54.59	96.25		18.08	18.89
GAA 2017			49.52	85.86							55.80	97.52		12.68	13.58
GAA 2018					48.02	89.93					54.94	94.96		14.41	5.59
GAA 2019							47.90	87.65			51.28	87.12		7.06	(-0.60)
GAA 2022									45.64	80.09					

# SIDA Accomplishments

## Research, Development & Extension Program



**PhP 114.930 Million**  
Total budget disbursed in 2022  
(from 2016 and 2017 GAA funds)

✓ **3 Completed Projects in 2022**

✓ **10 Ongoing Projects as of Dec 2022**

### 3 Completed Projects in 2022

#### Varietal Improvement



- ✓ Assessment of Sugarcane Varieties & Germplasm Collection for Drought & Waterlogging Tolerance (UPLB, SRA-LAREC and SRA-LGAREC)



#### Irrigation

- ✓ Rehabilitation of the Irrigation Water System & Greenhouse of LAREC-Pampanga in Support to RDE
- ✓ Rehabilitation of the Irrigation Water System of LGAREC in Support to RDE



### Notable Accomplishments for Ongoing Projects

#### Propagation

Rapid Propagation of Sugarcane High-Yielding Varieties in Sugarcane Mill Districts Nationwide  
Monitored production and distribution of **2,099.83** lacsas of canepoints produced, benefitting **433** sugarcane farmers in 2022.



- ✓ **1,287.91** lacsas for **311** recipients in Luzon and Mindanao
- ✓ **851.05** lacsas for **133** recipients in Visayas

#### Pest and Diseases

Quick Response to Sugarcane Pests and Diseases

- ✓ **Php 5.225 Million** worth of ratbait and pesticides distributed to Visayas MDDCs/Planters Associations and Block Farms in 2022



#### Others

Accelerated Technology Transfer Program (ATTP) for Beneficial Microorganism (BMO)

- ✓ **30** BMO Production Trainings conducted in 2022
- ✓ **13,554** liters of BMO dispersed to **52** block farms/farmers in 2022

# SIDA Accomplishments

## Research, Development & Extension Program

### ABSTRACTS OF THREE (3) COMPLETED SIDA-RDE PROJECTS IN 2022

#### VARIETAL IMPROVEMENT



**Assessment of Sugarcane Varieties & Germplasm Collection for Drought & Waterlogging Tolerance (UPLB, SRA-LAREC and SRA- LGAREC)**  
*Implementing Institution: University of the Philippines Los Baños, Sugar Regulatory Administration*

The project combined the expertise of plant physiologists, agronomists, and agricultural engineers from UPLB and SRALAREC, and SRA-LGAREC in characterizing the drought and waterlogging tolerance of high-yielding sugarcane varieties released by the Sugar Regulatory Administration. The project addresses two extreme weather conditions, severe dry spells and excessive rains, that affect sugarcane production. The high-yielding varieties were characterized in terms of agronomic, morphological, and physiological traits.

#### IRRIGATION



**Rehabilitation of the Irrigation Water System & Greenhouse of LAREC-Pampanga in Support to RDE**

*Implementing Institution: Sugar Regulatory Administration*

The construction of a greenhouse with climate control and irrigation was completed in the first semester of 2022 and it was immediately used for establishment of research purposes afterwards. Additionally, the renovation of the pump house and procurement of a diesel type engine compatible with the existing water pump was completed in the third quarter of 2022. All of the rehabilitated facility was essential as support on the on-going research activities in SRA-LAREC.



**Rehabilitation of the Irrigation Water System of LGAREC in Support to RDE**

*Implementing Institution: Sugar Regulatory Administration*

From the first semester of 2022 construction for the rehabilitation of water impounding of SRA-LGAREC Station was proceeded. These include the excavation of three ponds, construction of a pump house, installation of a filtration system, polishing of riprap walls of ponds and pipe trenching. The project is 100% completed by the last quarter of 2022.



# SIDA Accomplishments

## Infrastructure Program



**PHP 356.13 Million**

2022 GAA for the construction of farm-to-mill roads (FMR) and bridges

### GAA 2022 Targets



**19.785 KM**

Target length of Farm to Mill Roads (FMR) to be constructed.



**42 Sites**

Total number of locations

### Accomplishments in 2022

#### Completed



**27.25 KM**

Farm to Mill Roads constructed

GAA 2021: **25.92** Kilometers constructed in 25 project sites.

GAA 2022: **1.33** Kilometers constructed in 6 project sites.

#### Regional Breakdown of Completed FMRs

Region	No. of Sites	Length
II	2	0.72
III	2	0.80
IVA	4	2.79
V	1	0.15
VI	15	10.96
VII	3	3.24
X	2	6.41
XI	1	0.97
XII	1	1.21
<b>Total</b>	<b>31</b>	<b>27.25</b>

#### On-Going



**16.42 KM**

Total Length of ongoing FMR projects located in 29 project sites.

GAA 2021: **0.71** Kilometer of Farm to Mill Road in 1 site.

GAA 2022: **15.71** Kilometers of Farm to Mill Roads 28 project sites.

#### Regional Breakdown of On-Going FMRs

Region	No. of Sites	Length
II	1	0.36
IVA	2	1.37
VI	19	9.16
VII	2	1.28
VIII	1	0.32
X	2	2.91
XI	1	0.42
XII	1	0.60
<b>Total</b>	<b>29</b>	<b>16.42</b>

#### Pre-Implementation



**2.75 KM**

Total length of eight (8) FMR projects under 2022 GAA

#### Regional Breakdown FMR in Pre-Implementation Stage

Region	No. of Sites	Length
II	1	0.22
III	1	0.17
VI	5	1.74
VII	1	0.62
<b>Total</b>	<b>8</b>	<b>2.75</b>

# SIDA Accomplishments

## Infrastructure Program



### Location of 42 Farm-To-Mill Roads Sites

No.	Region	Mill District	Project Location	Indicative Length based on 18M/km (km)
1	II	Carsumco	Sitio Divisoria to Sitio Asilang, Sampaguita, Solana, Cagayan	0.220
2	II	Isabela	Sitio Dingading to Sitio Kuraitan, San Mariano	0.363
3	III	Tarlac	San Martin, Concepcion, Tarlac	0.328
4	III	Pampanga	Brgy. San Jose Mitla Road, Porac, Pampanga (continuation)	0.171
5	IV-A	Don Pedro	Brgy. Malapad na Bato, Nasugbu, Batangas	0.568
6	IV-A	Balayan	Brgy. Magabe, Balayan, Batangas	0.798
7	V	Pensumil	Zone 3, Brgy. Pawili, Bula, Camarines Sur	0.146
8	VI	La Carlota	Merced Sevileno to Merced Javellana, Pontevedra, Negros Occidental	0.700
9	VI	La Carlota	So. Agho to Camandag Elementary School, Brgy. Camandag, La Castellana, Negros Occidental	0.186
10	VI	Ma-ao	Had. Rene to Had. Margarita, Brgy. Ma-ao, Bago City	0.571
11	VI	First Farmers/ Bacolod-Murcia	Purok Baging Hacienda Mirasol, Brgy. Caliban to Had. Paz, Brgy. Canlandog, Murcia, Negros Occidental	0.979
12	VI	HPCO	Crossing Luguay- Brgy. Hawaiian, Silay, Negros Occidental	0.208
13	VI	Hpco	So. Binolwangan- So. Patag Duitay, Brgy. Guimbala-on, Silay, Negros Occidental	0.208
14	VI	Hpco	Brgy. San Isidro - Brgy. Canlusong, E.B. Magalona, Negros Occidental	0.208

# SIDA Accomplishments

## Infrastructure Program

No.	Region	Mill District	Project Location	Indicative Length based on 18M/km (km)
15	VI	Victorias	From, Hda. San Jose Gaston To, Hda. Remedios, Victorias City, Negros Occ.	1.424
16	VI	Lopez	Crossing FI to Had. Paraon, Brgy. Cabahug, Cadiz City, Negros Occidental	0.172
17	VI	Lopez	Sitio Camungguhan Road, Brgy. Cabahug, Cadiz	0.172
18	VI	Lopez	Sitio Camp Banting to Serafin Integrated Elem. School, Brgy. Tadlong, Sagay City, Negros Occidental	0.172
19	VI	Lopez	Sitio Camp Banting to Purok Garganera, Brgy. Tadlong, Sagay	0.172
20	VI	Sagay - Danao	Brgy. Marcelo Proper to Sitio Kamao Road Section, Calatrava, Negros Occ.	0.261
21	VI	Sagay - Danao	Brgy. Dian-ay Proper to Sitio Mianog, Escalante City Road Section	0.261
22	VI	Sagay - Danao	Brgy. Maquiling Proper to Sitio Lauyan Road Section	0.261
23	VI	San Carlos	Crossing Igmamatay to Sitio Igmamatay, Brgy. Codcod, San Carlos, Negros Occ.	0.566
24	VI	Biscom	Proper Payao to Pallacon 2 to Sitio Mangahoycahoy, Brgy. Santol, Binalbagan, Negros Occidental	0.289
25	VI	Biscom	Brgy. Sikatuna to Brgy. Banogbanog, Isabela, Negros Occidental	0.289
26	VI	Biscom	Sitio Tongo, Brgy. Cabadiangan to Brgy. Mambagaton, Himamaylan, Negros Occ.	0.289
27	VI	Biscom	Banga Lida to Hda. Montilla, Brgy. Bagaas, Hinigaran, Negros Occidental	0.289
28	VI	Biscom	Brgy. Guinpanaan to So. Kabayabasan, Brgy. Montilla, Moises Padilla, Negros Occ.	0.289

# SIDA Accomplishments

## Infrastructure Program

No.	Region	Mill District	Project Location	Indicative Length based on 18M/km (km)
29	VI	Sonedco/ Dacongogon	Brgy. Tan-awan, Kabankalan, Negros Occidental	1.248
30	VII	Tolong	Brgy. Datag to Sitio Candugay, Brgy. Casalaan, Siaton, Negros Oriental	0.624
31	VII	Bais-Ursumco	Brgy. Tara to Brgy. Pantao, Mabinay Negros Oriental (continuation)	0.640
32	VII	Bais-Ursumco	Brgy. Sta. Agueda to So. Naga, Pamplona, Negros Oriental (continuation)	0.640
33	VI	Iloilo	Brgy. Talongonan Road, Passi City, Iloilo (continuation)	0.325
34	VI	Iloilo	Brgy. Camiros to Brgy. Balabag Road, Anilao, Iloilo (continuation)	0.325
35	VI	Iloilo	Bangga Dabong, Brgy. Patong-Patong to Brgy. Dabong to Brgy. Tiringanan to Brgy. Pangilihan to Brgy. Canauili Road Janiuay, Iloilo	0.325
36	VI	Capiz	Brgy. Vizcaya, President Roxas, Capiz	0.567
37	VII	Bogo-Medellin	Junction National Highway- Brgy. Tindog to Sitio Kabalyero- Brgy. Canhabagat via Sitio Franco Proper	0.286
38	VIII	Ormoc-Kananga	Brgy. Donghol to Mahayag, Ormoc City, Leyte	0.320
39	X	Bukidnon	P-1 crossing Montalban to P-17 OADI, San Jose, Quezon, Bukidnon (Phase II)	1.680
40	X	Bukidnon	Brgy. Pinilayan to Sta. Cruz, Quezon, Bukidnon	1.228
41	XI	Davao	Brgy. Mahayahay, Hagonoy, Davao del Sur	0.415
42	XII	Cotabato	Natutungan Road 12, Natutungan, Matalam, North Cotabato	0.601
<b>Total</b>				<b>19.785</b>

# SIDA Accomplishments

## Scholarship Program



**PHP 100.76 Million**

2022 GAA

- PHP65.147M for CHED
- PHP35.613M for SRA



### 165 TOTAL GRADUATES

52 Female, 49 Male (CHED)  
39 Female, 25 Male (SRA)



### 69 EMPLOYED GRADUATES

In the sugarcane industry from the SIDA Scholarship Program as of December 2022



### 773 ON GOING SCHOLARS

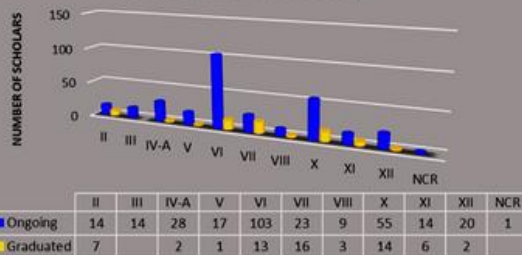
284 Female, 191 Male (CHED)  
181 Female, 117 Male (SRA)



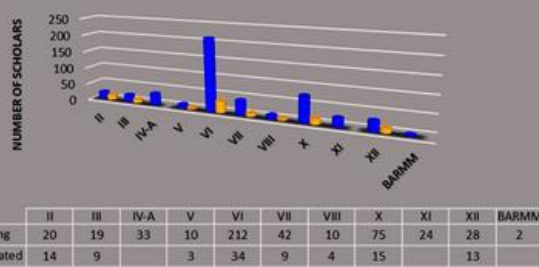
### 3 PROGRAM GUIDELINES ISSUED

- ➔ Memorandum Circular (MC) #4, series of 2022 "Revised Guidelines for the Sugarcane Industry Development Act (SIDA) Undergraduate and Graduate Scholarship Program under SRA as implementing agency- **amended MC #14, Series of 2016.**
- ➔ Memorandum Circular (MC) #6, series of 2022 "Revised Guidelines for the Sugarcane Industry Development Act (SIDA) Undergraduate and Graduate Scholarship Program under Commission on Higher Education (CHED) as implementing agency- **amended MC #8, Series of 2016.**
- ➔ Memorandum Circular (MC) #4A, series of 2022 "Revised Guidelines for the Sugarcane Industry Development Act (SIDA) Undergraduate and Graduate Scholarship Program under SRA as implementing agency- **amended MC #4, Series of 2022.**

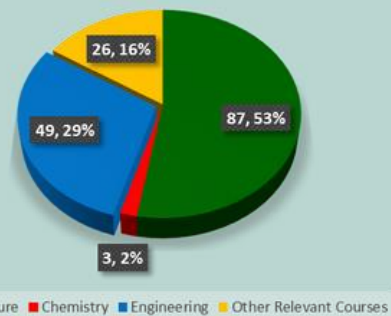
**SIDA SCHOLARS BY REGION (SRA IMPLEMENTED)**



**SIDA SCHOLARS BY REGION (CHED IMPLEMENTED)**



**COURSES OF SIDA SCHOLARSHIP PROGRAM GRADUATES CHED & SRA IMPLEMENTED AY 2021-2022**



### FIELDS OF DISCIPLINE

- Agriculture
- Sugar Technology
- Chemistry
- Engineering
- Accounting/Financial Management
- Statistics, Agri-Business, Biology, Microbiology

PARTNER AGENCIES



State Colleges and Universities

# SIDA ACCOMPLISHMENTS

## Socialized Credit Program



**PhP 106.839 Million**

Appropriation for Socialized Credit Program under 2022 GAA

## GAA 2022 TARGETS



**PhP103.10 MILLION**

Released to individual farmers, block farms and service providers



## ACCOMPLISHMENTS



**PhP226.46 MILLION**

Total amount of loans endorsed by the SRA to LBP



**682 LOAN APPLICATIONS**



Individual Sugarcane Farmers: PhP 143.11 Million



673 Individual Sugarcane Farmers evaluated by SRA and endorsed to LBP



Collective/Block Farms: PhP 6.40 Million



4 Collective/Block Farms



Service Providers: PhP 76.95 Million



5 Service Providers

**PhP 47.16 MILLION**



Total amount loans approved by the LBP for Individual Sugarcane Farmers

**189**

Total number of approved applications from Individual sugarcane farmers



**PhP141.13 MILLION\***

Total amount of loans released by the LBP to the qualified loan applicants

\*Includes loans approved in the previous year

Received by **227** individual sugarcane farmers



# Research and Development

## Completed Projects in La Granja Agricultural Research & Extension Center (LGAREC)

### 1. Smut Resistance Trial, Phil 2016 Series (PYT- Plant Cane & Ratoon) – N.S. Meneses

Thirty (30) clones were selected out of 200 clones from Multiplication II, Phil 2016 Series. The clones were inoculated with smut spores to test their resistance to the disease. In plant cane and ratoon crop, results showed that the clones were found to be resistant to the disease in varying degrees. Only resistant clones will be selected for Ecological Testing.

### 2. Yellow Spot Resistance Test, Phil 2016 Series – N.S. Meneses

Thirty (30) promising Phil 2016 Series clones were rated for resistance to yellow spot disease. The trial was conducted from February 2021 to February 2022. Results show that two (2) clones were very highly resistant, eight (8) highly resistant, six (6) resistant, nine (9) intermediate resistant, two (2) intermediate average resistant and three (3) susceptible to the disease.

### 3. Leaf Scorch Resistance Trial, Phil 2016 Series – R.G. Entima

The method of infection employed was a combination of artificial and natural means. Ten months after planting, the test clones were assessed where 12 were found resistant, 11 intermediate resistant, four (4) intermediated average and three (3) intermediate susceptible.

### 4. Yield Performance of Phil 2009-0919, Phil 2009-1567 and Phil 2010-0149 Under Different Ages at Harvest – T.B. Banas, R.E. De Jesus, A.C. Alimpulos

Chronological age is one of the maturity indices of sugarcane. When the canes reach maturity age, ripening takes place depending on the variety. Results showed that varieties regardless of age significantly differed in terms of sugarcane tonnage and yield. Phil 2009-0919 got the highest tonnage yield at 109.95 TC/ha and sugar yield at 234.52 LKg/Ha. However, highest sugar rendement was obtained from 12 month-old canes as demonstrated by Phil 2010-0149 with 2.33 LKg/TC.

### 5. Yield Performance of Phil 2008-1009, Phil 2009-1567 and Phil 2010-0149 at Different Seasons of Planting – T.B. Banas, R.E. De Jesus, A.C. Alimpulos

Yield performance in terms of early planting, Phil 2009-1567 and Phil 2010-0149 got significantly higher sugar yields at 246.80 LKg/Ha and 220.68 LKg/Ha respectively. Phil 2010-0149 planted in February (middle season) maintained its significantly higher yield at 336.65 LKg/Ha. Test varieties planted in May (late season) showed no significant yield except on sugar rendement where Phil 2010-0149 registered a significantly higher value at 2.45 LKg/TC.

### 6. Single Seedling Plot Test, Phil 2020 Series – N.S. Meneses

The 2020 hybridization work which produced a total of 66,488 seedlings from 172 bi-parental crosses were transplanted and from these 41,924 seedlings from 170 bi-parental crosses survived in the field. With Phil 56-226 as control, 667 promising clones were selected and recommended to the Row Test stage for further screening.

### 7. Row Test, Phil 2019 Series – R.G. Entima

Row Test of Phil 2019 Series in the 4th stage of the Breeding Program was conducted where 927 clones were selected from Phil 2019 Series Single Plot Test. From these 345 clones with good agronomic characteristics (based on brix reading, average tiller/stool, average diameter, weight/stalk and flowering) were selected to the next stage, the Multiplication and Disease Screening.

### 8. Propagation II, Phil 2016 Series - R.G. Entima

Thirty promising Phil 2016 series clones/varieties were propagated and cut-backed. Canepoints produced were further propagated to increase the number of planting materials. Ten (10) clones/varieties will be propagated for Ecological Tests in different locations. Ratoons are also maintained and cultured to facilitate additional supply of planting materials.

# Research and Development

## Completed Projects in La Granja Agricultural Research & Extension Center (LGAREC)

### 9. Propagation II, Phil 2017 Series – R.G. Entima

Thirty promising Phil 2017 clones/varieties were propagated and cut-backed. Canepoints produced were further propagated to increase the number of planting materials. Ratoons of these clones/varieties are maintained and cultured to facilitate additional supply of planting materials.

### 10. Smut Resistance Trial of Phil 2017 Series (PYT) – N.S. Meneses

Among the thirty clones (30) of Multiplication II Phil 2017 series inoculated with smut spores tested for resistance, 25 clones are very highly resistant, three (3) highly resistant, one (1) resistant and one (1) intermediate average.

### 11. Yellow Spot Resistance Trial of Phil 2017 Series - R.G. Entima

Susceptibility of the thirty (30) test clones to the disease show one (1) clone to be very highly resistant, six (6) highly resistant, eight (8) resistant, five (5) intermediate resistant, four (4) intermediate average, one (1) intermediate susceptible, three (3) susceptible and two (2) very highly susceptible to the disease.

### 12. Leaf Scorch Resistance Trial of Phil 2017 Series - R.G. Entima

Disease reactions of the thirty (30) test clones assessed 10 months after planting show that one (1) clone was very highly resistant, 14 clones were highly resistant, 13 were resistant and two (2) were intermediate resistant.

### 13. Response of Phil 2009-0919 to Varying Levels of NPK Fertilization in Guimbalaon Sandy Clay Loam Soil – M.T.D. Alejandrino, A.C. Alimpulos and R.E. De Jesus Jr.

The highest net benefit from Nitrogen fertilization of Phil 2009-0919 plant cane grown in Guimbalaon sandy clay loam soil was obtained at 225 kg N/Ha. On the other hand, Phil 2009-0919 plant cane obtained the highest net benefits from Phosphorus fertilization at 0 kg P<sub>2</sub>O<sub>5</sub>/Ha and Potassium fertilization at 120 kg K<sub>2</sub>O/Ha.

### 14. Pollination, Sowing and Seedling Care, Phil 2021 Series – R.T. Armones

Medium to very good germination was observed in 33% of the 203 bi-parental crosses that consisted of 259 arrows. Seedlings were given proper care and management prior to transplanting.

### 15. Smut Resistance Trial, Phil 2019 Series (Row Test) – N.S. Meneses

Out of the 348 clones, 270 clones were very highly resistant, two (2) highly resistant, 11 resistant, 25 intermediate resistant, seven (7) intermediate average, nine (9) intermediate susceptible, three susceptible and ten (10) very highly susceptible to the disease. The resistant clones will be propagated in Multiplication II and further tested to downy mildew disease.

### 16. Preliminary Yield Test, Phil 2016 Series – R.G. Entima

The study was conducted to determine the agronomic and yield performance of Phil 2016 Series clones. Ten (10) promising clones were selected and recommended for further evaluation in the Ecological Test. These clones are, Phil 2016-145-1281, Phil 2016-115-1121, Phil 2016-114-1085, Phil 201-6-85-0647, Phil 2016-82-0619, Phil 2016-78-0573, Phil 2016-75-0469, Phil 2016-99-0781, and Phil 2016-52-0373.





# Research and Development

## Completed Projects in La Granja Agricultural Research & Extension Center (LGAREC)

### 17. Preliminary Yield Test, Phil 2017 Series – R.G. Entima

The study was conducted to determine the agronomic and yield performance of Phil 2017 Series clones. The top ten (10) clones now referred to as varieties selected to Ecologic Test are Phil 2017-59-1331, Phil 2017-64-1397, Phil 2017-54-1065, Phil 2017-34-0539, Phil 2017-124-2093, Phil 2017-106-1921, Phil 2017-96-1743, Phil 2017-43-0849, and Phil 2017-51-0951.

### 18. Yield Performance of Phil 2009-0919 at Different Furrow Distance and Planting Density (Plant Cane) – M.T.D. Alejandrino, A.C. Alimpulos and R.E. De Jesus Jr.

The experiment was conducted to evaluate the yield performance of Phil 2009-0919 at different furrow distance and planting density (Plant Cane) for its cultural packaging. No significant interaction was observed on furrow spacing and planting density. Based on the results of the study, Phil 2009-0919 is best suited at 1.3 meter furrow distance. Planting at a wider distance of 1.5 to 1.8 meters could give lower yield results.

### 19. Performance of Phil 2011-0237, Phil 2011-0899, Phil 2011-1683 and Phil 2011-1121 under Waterlogged Condition Imposed at Tillering and Stalk Elongation Stage – M.T.D. Alejandrino, A.C. Alimpulos and R.E. De Jesus Jr.

The study aimed to determine the yield performance of the varieties (Phil 2011-0237, Phil 2011-0899, Phil 2011-1683 and Phil 2011-1121) under natural waterlogged conditions for its cultural packaging.

The results of the study suggest that Phil 2011 series had different responses in waterlogged conditions imposed at two different growth stages. Phil 2011-0899 and Phil 2011-1121 can tolerate waterlogged conditions when imposed at tillering stage while Phil 2011-1683, Phil 2011-0899 and Phil 2011-0217 are best suited in waterlogged conditions imposed at stalk elongation stage.

### 20. Multiplication I, Phil 2019 Series – R.G. Entima

Three hundred forty eight (348) Phil 2019 Series clones were multiplied and simultaneously tested for smut. Care and maintenance of sugarcane plants were done based on SRA cultural practices. 148 clones were selected for multiplication II and downy mildew screening based on their agronomic and morphological characteristics.

### 21. Multiplication II, Phil 2018 Series – R.G. Entima

147 clones were selected from the Multiplication I stage based on the result of Smut Resistance Trial Phil 2018 series. Selected clones were propagated and screened in Downy Mildew disease to evaluate the resistance of clones. Thirty (30) clones were selected for Preliminary Yield Test and tested for Leaf Scorch, Yellow Spot Screening and Smut verification.

### 22. Propagation I, Phil 2018 Series – R.G. Entima

Thirty promising Phil 2018 Series clones were planted and maintained in SRA-LGAREC from April 2022 to October 2022 in preparation for Propagation II. The canepoints to be produced will be further propagated to increase the number of planting materials needed for the Ecological Test in different locations nationwide.



# Research and Development

## Completed Projects in La Granja Agricultural Research & Extension Center (LGAREC)

### 23. Propagation III, Phil 2016 Series – R.G. Entima

Ten promising clones were propagated and maintained in SRA-LGAREC from July 2022 to December 2022 in preparation for the Ecological Test in different locations. The varieties are: Phil 2016-145-1281, Phil 2016-115-1121, Phil 2016-99-0773, Phil 2016-114-1085, Phil 2016-85-0647, Phil 2016-82-0619, Phil 2016-78-0573, Phil 2016-75-0469, Phil 2016-99-0781 and Phil 2016-52-0373.

### 24. Ecological Test, Phil 2012 Series – R.G. Entima

The study evaluated the plant crop performance of ten selected Phil 2007 and Phil 2012 series sugarcane varieties planted in La Carlota, BISCOM, SONEDCO, Victorias and Sagay Mill Districts. The highest potential tonnage yield in all locations was observed in La Carlota Mill District on Phil 2012-1373 with 159.36 TC/Ha while the highest potential tonnage yield was observed on Phil 2012-1373 with 159.36 TC/Ha. Phil 2007-0563 got the highest variety mean sucrose content with 2.40 Lkg/TC. Three (3) other varieties observed with significantly high sucrose content were Phil 2007-0243, Phil 2007-0563 and Phil 2007-0359. Sweetest canes were observed in SONEDCO MD. Highest variety mean sugar yield was obtained by control variety Phil 8013 with 260.79 Lkg/Ha. Highest sugar yield was obtained by La Carlota MD compared to other locations with 293.74 Lkg/Ha.

### 25. Downy Mildew Resistance Test, Phil 2018 Series – R.G. Entima

197 selected clones of Phil 2018 series were tested against downy mildew of sugarcane. Determination of the disease rating was done by phenotypic screening. Rating of downy mildew was scored based on International Rating Scale. The reactions of test clones to the disease in plant cane and ratoon cane were from highly resistant, resistant, intermediate resistant, intermediate susceptible, susceptible, very highly susceptible. Clones with ratings 1-4 were recommended for further testing.

### 26. Flower Induction Nursery – N.S. Meneses

The goal of the project is to get potential varieties to flower so that they can be used as parentals in breeding. Forty four (44) potential varieties from the germplasm were ratooned in a humid and elevated place in Canla-on City. All varieties maintained were marcotted and those flowering were used in pollination.

### 27. Sugarcane Disease Garden as Source of Inocula for Resistance Trials – N.S. Meneses

Seven (7) varieties namely: Phil 6111, Phil 7464, Phil 7779, Phil 8839, Phil 8013, Phil 56226, VMC 86550 and mixed clones were ratooned last January 2022 to December 2022 to augment inocula for disease resistance studies. These varieties served as resistant and susceptible checks for resistance trials to smut, downy mildew, yellow spot and leaf scorch.

### 28. SVIP Germplasm Collection, Characterization and Maintenance – R.T. Armones

Thirty new ECOTEST entries and ten accessions from UPLB Institute of Plant Breeding were added in the Germplasm Collection for the year 2022. Eight hundred varieties/clones were characterized agronomically. Brix reading, flowering and stalk diameter were gathered to primarily provide information for selection of parent materials.



# Research and Development

## Completed Projects in Luzon Agricultural Research & Extension Center (LAREC)

### **1. Millable Stalk Attributes and Yield Assessment of Phil 2010-0107 As Influenced By Different Nitrogen Levels under Angeles Sandy Soil – R.D.A. Locaba**

This study was conducted to determine the growth and yield performance of Phil 2010-0107 under different nitrogen levels. Significant differences were observed from the millable stalk count, cane yield, sucrose content, and sugar yield of Phil 2010-0107 in the plant cane but none on the ratoon cane. The growth and yield performance of Phil 2010-0107 was better on the 100% nitrogen recommended rate treatment.

### **2. Millable Stalk Attributes and Yield Assessment of Phil 2010-0107 As Influenced By Different Potassium Levels under Angeles Sandy Soil – R.D.A. Locaba**

This study was conducted to evaluate the effect of different Potassium levels on the millable stalk attributes and yield parameters of Phil 2010-0107. The results revealed that the millable stalk attributes of Phil 2010-0107 were not significantly influenced by the treatments both in the plant cane and ratoon cane. In terms of the yield parameters, only the sugar yield had significant differences in the plant cane. The sucrose content of Phil 2010-0107 was not influenced by the different levels of potassium both in the plant cane and ratoon cane.

### **3. Millable Stalk Attributes And Yield Assessment of Phil 2009-1867 And Phil 2009-1969 as Influenced By Different Nitrogen Levels under Angeles Sandy Soil – R.D.A. Locaba**

This study was conducted to evaluate the effect of different nitrogen levels on the millable stalk attributes and yield parameters of Phil 2009-1867 and Phil 2009-1969. The results revealed no interactions between the varieties and the different nitrogen levels. It was Phil 2009-1969 which had significantly higher yields over Phil 2009-1867, except for the sucrose content. The results emphasize the importance of fertilizers in increasing yields over the no fertilizer plots.

### **4. Millable Stalk Attributes And Yield Assessment Of Phil 2009-1867 And Phil 2009-1969 As Influenced By Different Potassium Levels Under Angeles Sandy Soil – R.D.A. Locaba**

This study was conducted to evaluate the effect of different Potassium levels on the millable stalk attributes and yield parameters of Phil 2009-1867 and Phil 2009-1969. The results reveal that Phil 2009-1969 had significantly higher values for millable stalk attributes and yields over Phil 2009-1867. It was also observed that Phil 2009-1867 had higher values for the millable stalks attributes and yield parameters under the 100% K Recommended Rate (RR), while Phil 2009-1969 was at 150% potassium recommended rate.

### **5. Screening of Selected Phil 2015 Series Varieties for Resistance to Smut – J.A. Vicente**

Ten clones observed to be resistant to highly resistant from plant cane until the first ratoon were Phil 15-0095, -0099, -0115, -0217, -0223, -0953, -1275, -0433, -0843, and -1181. The above-mentioned clones showed potential against smut and may be considered for testing under different agro-climatic conditions.

### **6. Preliminary Yield Test of Phil 2016 Series Varieties – M.V.A. Serrano**

Thirty test clones of the Phil 2016 series varieties were evaluated for their agronomic and yield performance. Among the clones evaluated, Phil 2016-0515, Phil 2016-0583, Phil 2016-1281, and Phil 2016-0755 produced an average 287.84 LKg/Ha. These clones may have the potential to perform well in other agro-climatic conditions.

# Research and Development

## Completed Projects in Luzon Agricultural Research & Extension Center (LAREC)

**7. Effect of Soil Potassium Levels on Incidence of Sugarcane Downy Mildew and Yield – J.A. Vicente** Downy mildew is considered as a major disease of sugarcane in the Philippines. It can decrease yield by up to 40%. The effect of potassium fertilization is explored to assess its impact on the incidence of the disease and yield of Phil 7544. Increasing K levels beyond the recommended rate did not show improvement in resistance against downy mildew and increasing sugar yields.

**8. Performance Validation of Two Promising Sugarcane High Yielding Varieties in Semi-Commercial Production - N.E. Guiyab**

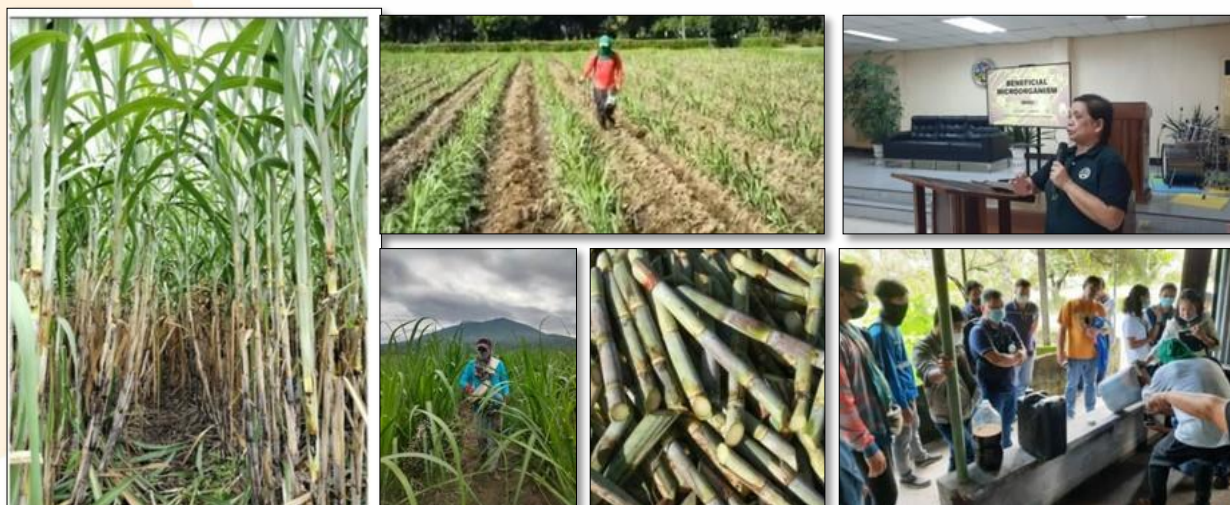
Two promising sugarcane HYVs, Phil 2007-0243 and Phil 2009-1969 were planted in experimental plots to compare their yield performance in experimental plot trials over semi-commercial-scale production. The trial showed that the two HYV varieties performed better in experimental plots compared to semi-commercial scale production in terms of cane yield (TC/ha), sugar yield (LKg/ha), sugar rendement (LKg/TC) and return of investment (ROI).

**9. Influence of Cane Lodging on Yield and Juice Quality of High-Yielding Sugarcane Varieties -**

Due to the limiting factor posed by crop lodging in terms of productivity, eight (8) sugarcane cultivars were evaluated; Phil 09-1969-, Phil 06-2289, Phil 99-1793, Phil 8013, Phil 75-44, Phil 6607, VMC 84-525, VMC 7139, in the sandy soil conditions at LAREC. The varieties performed differently in terms of yield. Cane tonnage decreased by 12% while sugar rendement decreased by 9% after the canes were lodged. There was also significant damage done by pest infestation. This experiment showed that under sandy soil conditions, lodging is an explicit barrier to the yield potential of sugarcane varieties.

**10. Potential yields of varietal mixture planting for sustainable sugarcane production (PC) - B.G. Manlapaz**

The use of two or more cultivars is referred to as Varietal Mixture planting. Some sugarcane farmers experienced difficulty in sourcing planting materials due to low supply and the lack of nurseries forced the farmers to seek any variety available nearby. Since information is limited regarding the response of varietal mixtures, hence this study was conducted to evaluate the potential of varietal mixture planting, its practicality as a viable strategy for the sustainable and profitable sugarcane industry. One way ANOVA analysis showed that varietal mixture had no significant influence or effect on any of the varieties performance (yield, rendement). Thus, in times of insufficient planting materials, varietal mixture planting could be considered given the combinations tested varieties in this study.



# Research and Development

## Mindanao Agricultural Research and Extension Center

(MAREC)

### Establishment of SRA MAREC

- In 2022, the groundbreaking ceremony for the establishment of a satellite research office of SRA in Mindanao was conducted.
- MAREC aims to establish the presence of SRA in the Mindanao area and to serve as a base of operations where collaborative projects with the Central Mindanao University can be housed. MAREC was established to strengthen R&D activities and enhance the extension delivery system of
- SRA in Mindanao by employing the following strategies:
  - Conduct scientific research that will improve the varieties of sugarcane e.g. eco-test, adaptability trials, etc.;
  - Establish a Mother Clonal Garden (MCG) and germplasm collection;
  - Establish HYV Nursery farms to increase accessibility of planting materials in the area; Conduct
  - research activities that will lead to the development of sound production technologies e.g.,
  - demo farms on farm mechanization, soil management, nutrient and water management, ratoon management, intercropping and others;
  - Conduct trainings, symposia, workshops and the like to cater the needs of sugarcane farmers, researchers, specialists, and other stakeholders of the sugarcane industry; and
  - Strong partnership with farming communities, research institutions and other agencies/ organizations that share the same mission.



# PRODUCTION SUPPORT SERVICES

## CANEPOINTS PRODUCTION AND DISTRIBUTION

- The Research Centers of SRA in La Granja Agricultural Research Center (LGAREC) in LGAREC and Luzon Agricultural Research Center (LAREC) in Pampanga propagate good quality planting materials of High-Yielding Varieties (HYVs). In 2022, the two (2) Research Centers were able to produce a total of
- 1,041.12 lacsas of canepoints and made accessible to 203 recipients which includes individual sugarcane farmers, planters associations, Mill District Development Councils, and block farms. LGAREC produced 729.62 lacsas of canepoints, while LAREC produced 311.50 lacsas.



## MICROPROPAGATED PLANTLETS

- SRA maintains a micropropagation laboratory in its research center (LGAREC) in Negros Occidental.
- In 2022, a total of 44,920 micropropagated plantlets were produced and distributed to 74 recipients which includes individual sugarcane farmers, Mill District Development Councils, and planters associations. The varieties produced and distributed are: Phil 2010-0149, Phil 2006- 2289, Phil 99-1793, Phil 2009-1969, Phil 2011-0899, Phil 2011-1683, Phil 2011-0237



## TRICHOGRAMMA STRIPS

- Trichogramma is a biological control against stem borers.
- In 2022, SRA's Trichogramma laboratory in LGAREC distributed 26,425 strips to 80 recipients, such as individual sugarcane farmers, planters associations, Mill District Development Councils, and block farms.



## BENEFICIAL MICROORGANISMS (BMO)

- SRA promotes the use of BMO (Beneficial Microorganisms), a sugarcane specific, molasses-based nitrogen-fixing foliar fertilizer which reduces the cost of fertilization.
- The BMOs can reduce/substitute the nitrogen demand of sugarcane plants by at least 25-30%. It can increase the yield by 1.84 LKg/ha
- In 2022, SRA produced 16,454 gallons of BMO distributed to 245 recipients, consisting of sugarcane farmers, planters associations, Mill District Development Councils, and block farms in the following mill districts: La Carlota, BISCO, Bacolod-Murcia, HPCO-Silay, Victorias, Lopez, Sagay-Danao, San Carlos, Bais-Usumco, Bogo-Medellin, Ormoc- Kananga, Balayan, Don Pedro, Davao, Bukidnon, Capiz and Iloilo.



# EXTENSION SERVICES

## CAPACITY BUILDING

- For the Visayas Mill Districts, 72 trainings on Sugarcane Farm Management, Farm Planning and Budgeting, BMO Production, Training and Demo for Tractor Operators and GAD trainings with 2,817 participants
- For Luzon and Mindanao, only 1 onsite OPSI and Financial Literacy Training attended by 150 small sugarcane farmers as one of the requirements to avail loan thru SIDA-Socialized Credit Program

## IMPLEMENTATION & MONITORING OF SIDA PROGRAMS

Supervised and monitor the implementation of five (5) SIDA Programs namely;

- Block farm
- Infrastructure
- Socialized Credit
- Scholarship
- RDE - Rapid Propagation of HYVs Program

*Full details in pages 14-20*

## QUICK RESPONSE PROJECT

- For Luzon/Mindanao 1,692 250-mL bottles of Chlorfenapyr, 6,072 boxes of rodenticide and 4,868 kg Fipronil were purchased for distribution to pest-infested sugarcane fields.
- For Visayas, 600 kilos of ratbait powder, 2,120 kilos of ratbait blocks, 1000 liters of Chlorpyrifos, 600 bags of Carbufuran/Furamax and 750 bottles of Chlorantanilprole were purchased for distribution to pest-infested sugarcane fields.

## RAPID PROPAGATION OF HYV'S PROGRAM

- Six (6) additional nurseries were established in Luzon/Mindanao which covers 12 hectares of HYV nurseries in Balayan and Pampanga mill districts
- A total of 2,138.96 lacsas of canepoints/ planting materials were produced.
- There were 444 farmers who availed of the canepoints produced.
- To date, there had been a total of 61 nurseries established under the program covering a total area of 518.32 hectares scattered in 23 mill districts all over the country.

## PRODUCTION & DISTRIBUTION OF IEC MATERIALS

- Reproduced and distributed 20,582 Information, Education, and Communication (IEC) materials to sugarcane farmers and other stakeholders
- Among the IEC materials distributed were: Talamdan sa Pagpanguma sang Tubo (Hiligaynon translated), Cost of Production Survey & Customers Feedback, Soil Sampling Brochures, BMO Production Brochures, OPSI KOMIKS (Hiligaynon and Cebuano translated), SIDA-Scholarship Forms, SIDA-Socialized Credit Application forms, *Mga Aprobado nga Pama-agi sa Pagtanum sang Tubo*, Brochures of Sugarcane Pest and Diseases, Micropropagation Pamphlets, and SRA High Yielding Varieties Pamphlets.



# EXTENSION SERVICES

## Priority Projects



### Adopt-A-Small Sugarcane Farming Family

This is a refocused program to mitigate the impact of COVID-19 pandemic to small sugarcane farming families. The target beneficiaries are twenty (20) small sugarcane farming families in every mill district. One (1) hectare of sugarcane farm was funded by SRA at Php 85,000.00 for each family.



#### **301 farming family beneficiaries**

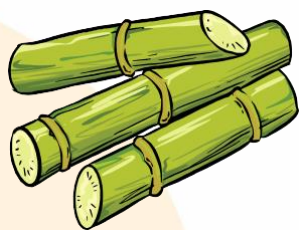
provided with assistance from all the 26 sugarcane mill districts for 2022.

- 209 farming families located in 16 mill districts in Visayas
- 92 farming families located in 10 mill districts in Luzon/Mindanao



#### **1,301.46 lacsas of canepoints produced**

- 295.5 lacsas from 13.50 hectares benefiting 58 planters for Luzon/Mindanao 1,005.96
- lacsas from 56.21 hectares benefiting 153 planters in Visayas



### Accelerated Seed Farm Development

Sugarcane productivity improvement through the distribution of good quality and best performing sugarcane varieties.

Funding support to project cooperators for the development of sugarcane seed farm in the maximum amount of Php 85, 000.00 per hectare.



#### **36 project cooperators**

from the Tarlac, Balayan, Don Pedro, Bukidnon, Davao, Cotabato, La Carlota, Ma-ao, BISCO, HPCO, FFHC/Bac-Mur, Victorias, Lopez, Sagay-Danao, San Carlos, SONEDCO-Dacongogon, Tong, Bais-URSUMCO, Ormoc- HISUMCO, Iloilo and Capiz Mill Districts



**113.21 hectares of seed farms established** by the 36 project cooperators for 2022



**1,019 lacsas of canepoints produced** and distributed to 183 beneficiaries



# AGRICULTURE & BIOSYSTEMS ENGINEERING (ABE)

## SUGARCANE FARM MECHANIZATION

**Inventory of Sugarcane Farm Machineries and Equipment in Luzon.** 95 respondents in 5 mill districts were surveyed. The result of the survey showed that there are 170 units of farm tractors, 9 units of grab loaders and 5 harvesters that are operational in Luzon mill districts. Inventories serve as a benchmark on existing farm machineries as an input data for the computation of sugarcane farm mechanization level.

**Assessment of Machineries Distributed to Block Farms.** 22 block farms were visited in Balayan, Don Pedro and Bukidnon mill districts to conduct assessments on the utilization of the farm machinery and implements distributed by SRA to the different Block Farms. The ABE conducted the activity to assist and help resolve issues and concerns raised relative to machinery operations.

**Block Farm Training on Farm Machinery Operations.** 38 block farms in Balayan, Don Pedro and Bukidnon mill districts were provided with a hands-on training for tractor operations. 216 participants attended the said trainings.

## CROP ESTIMATION SYSTEM

### Key Priority Areas:

- Digital Mapping** - validated a total area of 50,209.1 hectares for crop estimation in CY2021-2022.
- Crop Monitoring** - included typhoon damage monitoring, sampling of 1,005 sites to validate and calibrate the yield forecast for CY2021-2022.
- Satellite Data Processing** - continued collaboration with DOST - Advanced Science and Technology Institute to handle high volume of satellite downloading and yield map processing.
- Agro Climatic Monitoring** - included repair and maintenance of 37 units of AWS, consolidated AWS data which includes temperature, relative humidity, solar radiation, air pressure and rainfall and the use of several software such as the GLAM, JASMIN, and the DOST-ASTI Phil Sensor and data from the DOST-PAG-ASA

FINAL CROP ESTIMATE CY 2021-2022

Parameters	CY 2021-2022
Area (hectares)	399,523.9
Cane (MT)	22,567,638.94
Raw Sugar (MT)	1,982,721.97
TC/Hectare	56.77
LKG/Hectare	99.77

## TECHNOLOGY TRANSFER

- The Sugar Regulatory Administration (SRA), together with the Department of Resource Engineering and Agricultural Mechanization (DREAM) organized a workshop and training on the use of remote sensing (RS) and geographic information systems (GIS) as decision support tools in various agricultural engineering applications last October 13-14, 2022, at the College of Engineering and Computer Studies (COECS) Building, Pampanga State Agricultural University (PSAU)
- The training was participated by ABE Students from the PSAU. Among the topics covered were the use of Google Earth Pro, Trackmaker, DNRGPS and Geosetter and the introduction of geographic information systems, remote sensing, and their applications to agriculture.

# AGRICULTURE & BIOSYSTEMS ENGINEERING (ABE)

## AGRICULTURAL INFRASTRUCTURE SUPPORT

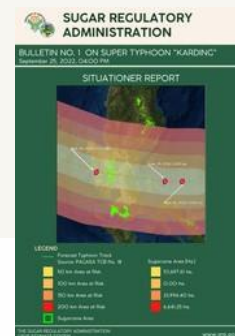
**Inspection of Completed Farm-to-Mill Roads Projects.** 20 completed FMR projects in Balayan and Don Pedro Mill Districts in Batangas were inspected to verify its compliance with the prescribed Program of Works (POW) for sugarcane roads.

**Mapping of FMRs.** 84 maps of proposed FMRs were produced for 2022 GAA.

**Updating of the Farm-to-Mill Road Network Plan.** Digitized dirt roads potential for funding under SIDA were done and Maps of all mill districts were updated. The map includes the locations of the funded, on-going and proposed FMR projects in each mill district.



Pictures above show some of the sample output maps of the FMR network mapping in Donos, Ormoc, Raga (DINAGO) and Sapa (SAPA) District.



## TYPHOON DAMAGE MONITORING

- The affected sugarcane areas by Super Typhoon "Karding" were monitored in Tarlac and Pampanga mill districts. The system used remote sensing technology in processing satellite images of damaged sugarcane areas. Data from PAGASA were also used to determine the typhoon track and extent of damage. Typhoon damage assessment was
- done in Tarlac and Pampanga milling districts. The data collected were number of millable stalks, weight, length, diameter and brix which was used in the typhoon damage assessment by the Extension Division.

## FUEL DISCOUNT FOR FARMERS AND FISHERFOLKS

- The Department of Agriculture (DA) has issued Memorandum Circular No. 32, Series of 2022, or the Amendments to Memorandum Circular No. 29, Series of 2022, on the Provision of Fuel Discount for Farmers and Fisherfolk. The said Memorandum has directed all concerned offices under DA distributing farm machinery to submit a master list of recipients and corresponding machinery to the DA Regional Field Offices for subsequent submission to the Bureau of Agricultural and Fisheries Engineering (BAFE).
- Under MC 32 series of 2022, the coverage of the fuel discount/assistance shall be expanded to include all agricultural commodities. The program will therefore cover all farm machinery with an attached engine that is being used for crop production as well as motorized banca.
- 3,263 farmers beneficiaries were endorsed to the BAFE last October 2022.
- The ABE assisted in geotagging various farm machineries owned/rented by sugarcane farmers.

## GOVERNMENT INTERSHIP PROGRAM FOR ABE YOUTH

- In support to RA 10601, or the AFMech Law, which mandates all the DA regional field offices, bureaus, attached agencies and corporations to strengthen the provision of agricultural and biosystems engineering services on the implementation of agri-fishery mechanization, infrastructures and engineering programs and projects. Eighteen (18) interns (BSABE graduates and funded by DOLE) from the program were deployed in LAREC, LGAREC and the ABE Division.
- These interns were engaged in various activities such as site monitoring, distribution and inventory of sugarcane farm machineries, encoding of data, area validation, mapping and other activities.

# FACTORY SERVICES & RESEARCH

## CAPACITY AND EFFICIENCY ASSESSMENT OF SUGAR MILLS

- ◆ Technical audit to give a clear scenario of the plant's equipment and efficiency conducted in
  - URC SURE - Balayan
- ◆ Impact Assessment / Post Audit to determine the impact of the technical audit on the following sugar mills
  - COSOCECO
  - BUSCO
  - HISUMCO
  - URC - Tolong
  - URC - URSUMCO



## TECHNICAL PUBLICATIONS

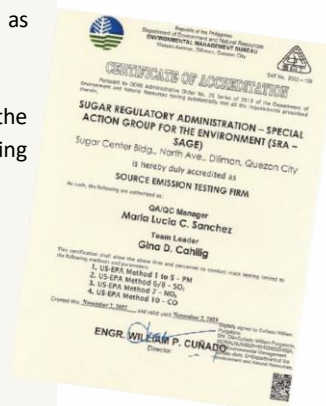
- ◆ Completed the Annual Synopsis of Philippine Raw Sugar Factories' Production and Performance Data for CY 2020-2021
  - 60 complimentary copies distributed to mills and various SRA units
  - 3 copies sold to researchers
- ◆ Completed the Annual Compendium of Philippine Sugar Refineries for Refining Year 2021
  - 29 complimentary copies distributed sugar refineries
  - 1 copy sold to industry client
- ◆ Completed the survey validation of data for Sugar Milling Hardware and Refining Hardware for 2022

The publication is a compilation of major equipment specifications in sugar mills and refineries. The data generated are being used to determine the imbalances in the factory; it also serves as a reference for future operation/process-related projects.



## ACCREDITATIONS

- ◆ Accreditation of three (3) SRA-SAGE Teams as Source Emission Testing Firm by EMB-DENR
- ◆ Having passed all the requirements and conditions, the SRA SAGE Team are qualified to conduct stack testing with the following Methods and Parameters:
  - US-EPA Method 1 to 5, Particulate Matter (PM)
  - US-EPA Method 6/8 - Sulfur Dioxide (SO<sub>2</sub>)
  - US-EPA Method 7 - Nitrogen Oxide (NO<sub>x</sub>)
  - US-EPA Method 10 - Carbon Monoxide (CO)



# FACTORY SERVICES & RESEARCH

## SPECIAL ACTION GROUP FOR THE ENVIRONMENT (SAGE)

- Conducted Environmental monitoring of wastewater effluents and ambient air sampling of sugar mills and refineries to the following facilities:

Central Azucarera Don Pedro, Inc.	Central Azucarera de Tarlac	BISCOM	PENSUMIL	Kooll Company, Inc.
North Negros Biopower	South Negros Biopower	Victorias Milling Corporation	First Farmers Holding Corporation	BISCOM, Inc.
URC - La Carlota	San Carlos Bioenergy, Inc.	URC - SONEDCO	Hawaiian-Philippine Company	Option - MPC
Sagay Central, Inc.	Lopez Sugar Corporation	Upward Agro-Industrial Corporation	Sunfresh Agriventures	San Carlos Biopower
Central Azucarera de San Antonio	Capiz Sugar Central	Murcia Water District		

## Sage Team in Action



# REGULATORY SERVICES

## Major Sugar Policies Implemented

Despite the pandemic experienced for the last two years, the Regulation Department managed to maximize its services. The Department faced significant issues of sugar supply shortfall and rising sugar prices. To address these issues and other concerns, the following policies were implemented and monitored in Crop Year 2021-2022.

- **Sugar Order No. 1**, dated August 27, 2021, s. 2021-2022, an all “B” or Domestic sugar allocation for Crop Year 2021-2022 with SRA Pre-Milling Estimate of raw sugar production at 2,099,720.71 MT. **Sugar Order No. 2**, dated September 1, 2022, s. 2021-2022, Amendment to Sugar Order No. 3, s.2020-2021 “A” Sugar Export Replenishment Program for CY 2020-2021. Amended the Sugar Order Section 3.3 of the said Sugar Order, extending the deadline on the arrival date of any imported sugar for replenishment September 30, 2021.
- **Sugar Order No. 3**, dated February 2022, s. 2021-2022, a Sugar Import Program for CY 2021-2022 where a total volume of 200,000 metric tons of refined sugar was allocated to industrial users as a result of high domestic sugar prices due to low raw sugar production caused by typhoon Odette.

## Regulation & Enforcement

### Major Activities

- Conducted regular monitoring of raw and refined sugar production and feedstock utilization for bioethanol production. (Details in pages 12, 13, 40)
- Conducted physical sugar stock, molasses and quedan inventory
- Witnessed calibration of sugarcane hauling truck weighing scales
- Attested sugar quedans in sugar mills and refineries



# REGULATORY SERVICES

## Licensing & Monitoring Activities, CY 2021-2022

### Supply and Demand

	Raw Sugar	Refined Sugar	Molasses
Starting Balance, MT	252,304.00	195,000.25*	208,213.52
Production, MT	1,820,863.00	748,505.80	938,462.72
Imports, MT	-	228,052.15	
Withdrawals, MT	1,939,658.00	1,022,187.30	1,008,973.81
Stock Balance, MT	133,509	27,291.40	137,702.43

\*Mill + Imports

### Millsite Prices

Month	Composite (100% "B") (Pesos per 50-Kg Bag)	Molasses (Pesos per MT)
September, 2021	1,597.37	10,037.69
October	1,708.81	10,385.11
November	1,680.67	10,716.26
December	1,735.39	10,617.27
January, 2022	1,889.43	11,197.66
February	1,816.10	11,426.29
March	2,022.94	11,617.55
April	2,184.18	11,766.47
May	2,273.26	11,414.15
June	2,348.83	12,670.09
July	2,370.00	12,831.50
August	2,875.47	12,991.16

# REGULATORY SERVICES

## Sugar Transactions CY 2021-2022

### Imports

Month	"D" World Market Importation by CBW/Processors/Exporters, MT	Molasses, MT	Fructose (HFCS & Crystalline Fructose), MT
September, 2021	5,429.42	24,227.20	1,732.30
October	3,217.90	24,000.14	1,760.99
November	5,211.00	35,674.59	1,043.00
December	5,732.00	30,746.57	921.78
January, 2022	2,622.00	49,145.18	578.00
February	1,439.00	37,000.00	515.30
March	4,219.57	52,101.43	1,462.40
April	5,599.90	133,598.96	1,675.19
May	5,196.00	38,002.72	1,380.45
June	3,097.34	12,243.00	855.26
July	4,211.00	19,200.00	1,272.00
August	3,304.02	60,191.47	1,127.10

### Export

Country	Muscovado, MT
Belgium	19.00
California	1.10
France	495.99
Germany	378.00
Hongkong	4.40
Italy	292.23
Japan	807.70
Korea	783.95
Malaysia	16.75
Singapore	3.00
Spain	20.00
Switzerland	128.85
Taiwan	213.00

# LABORATORY SERVICES



## *Sugar Reference Laboratory*

### Samples Analyzed

- 358 samples of soil, fertilizers, cane juice, plant tissues, wastewaters and other agro-based materials
- 691 weekly composite from sugar mills for polarization, moisture, ash, color, sulfur dioxide and dextran
- 109 samples of sugar and molasses 284 samples of refined sugar
- 213 biweekly composite from refineries
- 256 special samples from various walk-in clients

### Test Certificates Issued

- **814** test certificates for Sugar Reference Services
- 537 regulatory documents on sugar and 49 on molasses quality
- 512 test certificates for Environmental Laboratory Services



## Harmonization of Sugar Mill Laboratory Analytical Facilities

A SIDA-PSMA Project aims for the alignment of analytical procedures and methods of the SRA Sugar Laboratories and sugar mill and refineries laboratories. Visitations to the following mills were conducted to validate the uniformity of laboratory methods.

- Lopez Sugar Corp.
- Capiz Sugar Central
- OPTION-MPC
- Sagay Central, Inc.
- BISCOM, Inc

### Technical Expertise Sharing as Member of Technical Working Groups Department

- **of Agriculture**
  - Bureau of Agricultural and Fisheries Product Standards (BAFPS)
  - Food Safety Focal Group - PNS General Standards
- **Department of Agriculture and Food and Drug Administration**
  - National CODEX Organization Technical Committee
  - Philippine Rapid Alert System for Food and Feeds (PhilRASFF)
- **National Nutrition Council**
  - Food Fortification TWG
- **Philippine Sugar Millers' Association**
  - Quality Assurance Committee
- **Philippine Sugar Technologists Association**
  - Committee on Updating of Official Chemical Handbook for Phil. Sugar Industry



# LABORATORY SERVICES



## Environmental Laboratory

### Samples Collected and Analyzed

#### Air emission - 1,958

Bacolod - 1,540

Quezon City - 418

#### Wastewater - 62

Bacolod - 42

Quezon City - 20

### Test Certificates Issued

Bacolod - 686 Quezon

City - 1,199

### Waste Management Program

Waste minimization or pollution prevention is recommended in mitigating or managing laboratory wastes. The Laboratory has provided its staff with an awareness of the importance of environmental regulations.

Activities accomplished by the Pollution Control Officer for the year 2022:

- Regular Monthly Inspection of Hazardous Waste Storage Area
- Renewal of Accreditation of Pollution Control Officer with DENR
- Hazardous Waste ID (Online) Registered
- Inventory of Hazardous Waste in Preparation for Waste Disposal
- Submitted Application LLDA Clearance



## Awards and Citations

The following Certificates of Excellence were received by the Environmental Laboratory for achieving 100% acceptable data in the achievement of superior quality evaluation of three (3) analytes.

1. Proficiency Testing Round 329, June 2022 for the analytes "Biochemical Oxygen Demand (BOD), and Chemical Oxygen Demand (COD)"
2. Proficiency Testing Round 62, December 2022 for "Particulate Matter (PM10)"



# ADMINISTRATION & FINANCE

## Employees Welfare

For 2022, the SRA continued to ensure the safety of its employees from the COVID-19 virus and possible disasters/calamities through the implementation of the following:

- Provision of facemasks, alcohol and flu vaccines to all employees Provision of
- Shuttle services for employees until December 31, 2022
- Disinfection/sanitation of Quezon City and Bacolod offices, lobbies, pathways as well as office vehicles.
- Participation in the fire and earthquake drills within the SRA premises
- Conducted annual physical examination for Permanent and Contract of Service Personnel of Visayas.



## Trainings and Seminars

The Human Resource Unit has processed and facilitated the attendance of SRA Personnel to thirty six (36) trainings/seminars/workshops/conventions.

Title of Trainings/Seminars/Workshops/Conventions	Training Provider	No. of SRA Attendees
SRA Bids and Awards Committee Procurement Conference	SRA-BAC	16
Finalization of the Philippine National Food Safety Crisis Management Plan	DA	1
Integrated Environmental and Social Assessment for Implementation of Infrastructure	PHILFIDA	1
Records Disposition Administration and Records Counter Disaster Preparedness and Business Community	DA-HRDD	1
6th National Conference of Chemical Laboratories	Integrated Chemists of the Philippines	9
Coaching: Raising Performance to the Next Level	HURIS, Inc.	1
QMS Awareness Capacity Building Activities	Rosehall Management Consultants, Inc.	18
70th Philippine Society of Mechanical Engineers, Inc.	Phil. Society of Mechanical Engineers	1
Training Course on Remote Sensing (RS) and Geographical Information (GIS)	UP Geodetic Department	1
Boiler Operations and Steam Organization for Sugar Practitioners in the Phils.	Philippine Sugar Millers Association	2

# ADMINISTRATION & FINANCE

Title of Trainings/Seminars/Workshops/Conventions	Training Provider	No. of SRA Attendees
5th Int'l. Science, Technology, Engineering, Agri-Fisheries and Mathematics (iSTEAM) 2022 Research Congress with the theme "Digital Transformation and Innovation: Creating a more Resilient Environment"	Eastern Visayas University	3
Government Procurement Act (RA 9184) and its Revised IRR and Updates	SRA-BAC/Association of Government Internal Auditors, Inc. (AGIA)	34
36th Philippine Chemistry Congress	Philippine Chemistry	5
68th Philsutech Annual Convention	PHILSUTECH	19
2nd ASEAN Women in Science, Technology, Engineering and Mathematics (STEM) Webinar: "Rising Women Leaders in Digital Technology"	Department of Science & Technology	2
2nd International Virtual Congress and 2022 Philippine Agriculturist Summit with the Theme: "Digital Agricultural Science and Technology - Directors and Challenges"	Philippine Association of Agriculturist	3
IQA Refresher Course	Rosehall Management Consultants, Inc.	35
Reward and Recognition for PRIME HRM Level 2	Civil Service Institute	7
QMS Refresher Course	Rosehall Management Consultants, Inc.	44
Gender and Development Focal Point System Meeting for Assessment of the 1st Semester Accomplishment and Capacity Building on the Use of Gender Fair Language	GAD	1
4th Visayas Regional Conference of the Phil. Institute of Chemical Engineers with the theme "ChE Engage: Focusing in Specializations to Address Global Challenges"	Philippine Institute of Chemical Engineers	6
Capacity Building on the Cost and Benefit Analysis (CBA) and Action Planning Expanded Policies and Measures (PAMs) on the Agriculture Commitments to the Philippine Nationally Determined Contributions (NDCs) to the Paris Agreement	Food and Agriculture Organization of the United States	3
Technical Seminar on e-Payment and e-Collection	Association of Government Accountants of the Philippines (AGAP)	5
Records Disposition Administration and Basic Records Archives Management	Office of the Secretary, Department of Agriculture	2
Mental Wellness	PHILSUTECH	11
Review and Finalization of SRA GAD Agenda	SRA	20

# ADMINISTRATION & FINANCE

Title of Trainings/Seminars/Workshops/Conventions	Training Provider	No. of SRA Attendees
Managing Records Disposition Program: Standards and Best Practices	Government Records Officers Association of the Philippines	1
Webinars Relevant to the Public Financial Management, information and Communication Technology and Governance	Government Financial Management Innovators Circle, Inc.	3
Gender, Diversity and Social Inclusion	Civil Service Institute	1
FY 2021 Year End Financial Assessment and Planning Workshop	Department of Agriculture	3
Mental Health Program in the Workplace	Civil Service Commission & Department of Health	7
Yield Mapping and Automation Process Training Series	Department of Science & Technology - Advanced Science and Technology Institute	5
Training in Sugarcane In-Vitro Technology	University of the Philippines Los Baños College of Agriculture and Food Science Institute of the Plant Breeding	8
Risk Management	Association of Government Internal Auditors, Inc.	5
Re Orientation on Risk Management	Rosehall Management Consultants, Inc.	35
Preparation of the Project Procurement Management Plan (PPMP) and Annual Procurement Plan (APP): Concepts, Principles and Techniques	Association of Government Internal Auditors, Inc. (AGIA)	1

Source: HR List of SRA Officials and Personnel who attended seminars/workshops/trainings/conventions for 2022



# ADMINISTRATION & FINANCE

## Organizational Strengthening

A total of sixty five (65) Appointments were processed and approved for the year.

	Regulation	RDE	IAD	PPSPD	Legal	AFD	Total
No. of personnel promoted	27	5	1	3		15	51
No. of personnel hired	1	-	-	1	1	11	14



Updated Manpower Complement in SRA Quezon City and SRA Visayas:

Manpower Complement	Quezon City	Visayas	Total
Permanent	142	83	225
Contract of Service (COS)/Pakiao	142	249	391

Source: HRS QC & Bacolod

# ADMINISTRATION & FINANCE

## Procurement

For the year 2022, the SRA Bids and Awards Committee (BAC) in Quezon City has 100% complied to standards set by the 2016 Revised IRR of RA 9184 and GPPB Issuances. Accomplishments for the year were the following:

- Conducted 11 Public Biddings for the procurement of brand new units
  - of knapsack sprayer (with complete accessories), agricultural trailer, tractors (with implements), hauling truck, fertilizer applicator for sugarcane and various garden tools, seeds, fertilizers and pesticides.
- Issued 128 Notice of Award
- Issued 124 Notice to Proceed
- Facilitated one (1) Seminar entitled, " Government Procurement Reform Act (RA 9184) and its Revised IRR and Updates", attended by all BAC Members, TWG, Secretariat and other point persons.



The SRA Regional Bids and Awards Committee (RBAC) in Visayas accomplished the following in 2022:

- Conducted 11 Public Biddings conducted for the procurement of fertilizers and pesticides, plastic containers
  - for BMO production, 90hp tractors (with farm implements), pump and engine units (with complete accessories) and rain guns.
- Issued 11 Notice of Award Issued
- 114 Notice to Proceed
- Facilitated one (1) Seminar entitled, "Training on APP and Account Management Module of the Modernized PhilGEPS, attended by one (1) RBAC Member.



The SRA Regional Bids and Awards Committee (RBAC) conducting post-qualification Evaluation

# ADMINISTRATION & FINANCE

## Building Maintenance

The Transport and Building Maintenance Unit performed the maintenance/renovation of SRA buildings, office premises, its facilities, utilities, grounds, water and drainage systems in Quezon City and Bacolod Offices.

### SRA Main Building in Quezon City:

- Administrative and Finance Department
- Commission on Audit
- Cashier
- Internal Audit Department
- Legal
- Training Room
- Fire Alarm Detection System (FDAS)
- In-House Fiber Optic PLDT Telephone Lines and LAN Cable
- Restoration of Architectural Structure
- Painting Restoration of SRA Flag Pole
- Repair/Renovation of common toilet at the south wing of the main building
- PWD Ramp beside the LandBank Entrance Door



### SRA Bacolod City Office:

- Conducted regular building/ground maintenance, cleanliness, sanitation and beautification



- Conducted regular monitoring/maintenance of 3-100 KVA distribution transformers, generators and load balance, and replaced the obsolete generator units and SRA vehicles
- Renovated the SRA Bacolod Guard House (Exit)

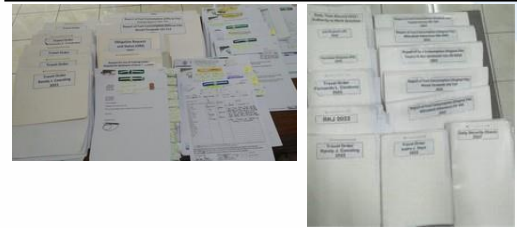


# ADMINISTRATION & FINANCE

## Documents Dissemination

- In 2022, the Records Section (Quezon City and Bacolod City) disseminated a total of 41,885 official documents such as, Sugar Orders, Memorandum Orders, Memorandum Circulars, Circular Letters and other relevant correspondences to government and private agencies, stakeholders organizations.
- Two (2) Records Personnel attended two seminar/trainings. One (1) Seminar on "Records Disposition Administration and Records Counter Disaster Preparedness and Business Continuity", and Records Disposition Administration and Basic Records Archives Management.

Records Section	No. of Documents Disseminated
Quezon City	14,975
Bacolod City	26,910



## Budget and Treasury

The Budget and Treasury Division processed the documentary requirements for the Special Allotment Release Order (SARO) and the Notice of Cash Allocation (NCA) of the FY 2022 SIDA Funds.

The 2022 appropriation of the SIDA Infrastructure Program in the amount of Php 356,000,000 was directly downloaded to the Department of Public Works & Highways for the implementation of the Farm-to-Mill Road projects.

In FY 2022, the Corporate Operating Budget of the Budget and Treasury Division was Php 1,315,000.00.

DATE	ISSUANCE	AMOUNT (Php)
February 21, 2022	SARO	356,130,000
February 21, 2022	NCA – 1st Tranche	89,032,500
July 13, 2022	NCA – 2nd Tranche	157,333,000



## FY 2022 National Government Support & Corporate Operating Budget Breakdown (in Php)

Expense Class	Corporate Fund	SIDA Fund	AFSIS	Total
Personnel Services	452,300,000	-		452,300,000
Capital Outlay	20,360,000	318,486,214		338,846,214
MOOE	293,840,000	351,494,092	1,274,000	646,608,092
<b>Total</b>	<b>766,500,000</b>	<b>669,980,306</b>	<b>1,274,000</b>	<b>1,437,754,306</b>

## Accounting Services

The Accounting Unit of SRA Visayas has 100% attained their targets for the year, such as but not limited to:

- 3,978 processed and pre-audited vouchers
- 1,951 purchase orders
- 78 BIR Form 2316 prepared and submitted to the BIR





# COMPLIANCE

## SRA QMS ISO- 9001:2015 Re-Certification (Certifying Body Audit)

The SRA maintained its ISO Certification 9001:2015 issued by the TUV-Rheinland. Re-Certification Audit by TUV-Rheinland as certifying body was conducted on March 11, 2022. The result of the audit was generally compliant and thereby passed with zero (0) Non-Conformities.



The following activities were conducted in 2022 to maintain the certification of SRA to the ISO 9001:2015 standards:

- Four (4) capacity building activities to update/increase the awareness and understanding of the SRA QMS Core Team.
  1. *Re-orientation on Risk Management*
  2. *QMS Refresher Course*
  3. *IQA Refresher Course*
  4. *Sustaining the SRA QMS: New Management Briefer*
    - *The Role of Top Management in an ISO 9001:2015 Certified Organization*
    - *Context of SRA*
- One (1) Internal Quality Audit on July 19-21, 2022, to continually review the IQA process to ensure conformity and to promote improvement in its operation.
- Two (2) Management Review Meetings on January 24, 2022 and November 25, 2022 to evaluate the effectiveness of the QMS. Processed Internal Feedback Survey - reported an over all result
- of 4.77 (very satisfactory) rating with total number of 1,598 respondents.



## Freedom of Information (FOI)

Executive Order No. 02 or the Executive Order on Freedom of Information (FOI) aims to promote an open government by increasing the transparency of the executive branch and its agencies. It strengthens the right to information as enshrined by the constitution. In compliance to FOI, the SRA has responded to eight (8) requests which were monitored and uploaded on the SRA website.



## Citizen's Charter

For 2022, SRA is 100% compliant to the uploading and posting of the Citizen's Charter in the SRA Website and the SRA building premises where the list of SRA services including the fees and processing time are provided.



## Policies on Sugar Posted in the SRA Website

- 3 Sugar Orders
- 36 Circular Letters
- 6 Memorandum Orders
- 15 Memorandum Circulars
- 
- 



# STATE OF AFFAIRS

## President Ferdinand “Bongbong” Marcos Appoints New SRA Officials

On August 19, 2022, President Ferdinand “Bongbong” Marcos appointed a new set of SRA Officers. The new appointees took their oath of office administered by the President, and witnessed by their families on August 22, 2022 in Malacañang. In a press statement, the President expressed his gratitude and his confidence that new officers will overcome any challenge facing the sugarcane industry. After the event, President Marcos briefed them regarding the administration’s steps to secure sugar supply.



Appointee
<b>JOHN DAVID THADDEUS P. ALBA</b> Administrator
<b>MA. MITZI V. MANGWAG</b> Board Member Miller’s Representative
<b>PABLO LUIS S. AZCONA</b> Board Member Planter’s Representative



The new appointees replaced Engr. Hermenegildo R. Serafica as Administrator, Atty. Roland B. Beltran as Miller's Representative and Aurelio Gerardo Valderrama, Jr. as Planter's Representative.

## BBM Sugar

On October 14, 2022, SRA issued Special Order No. 154, creating a Committee of SRA employees to oversee the conduct of selling sugar. The program is a DA-SRA and Sugar Traders collaboration which aims to provide affordable sugar to the consuming public at a price set at Php70.00 per kilo.

The SRA started selling BBM-Labeled sugar at the SRA offices in Quezon City and Bacolod and also made available at DA-Kadiwa centers located in Metro Manila, Bulacan, Pampanga and Bataan. A limited purchase of three (3) kilos per consumer were sold to avoid hoarding.

The program commenced in October 2022. As of December 31, 2022, total quantity of BBM sugar sold is 76,950 kilos.



# SUPPORT SERVICES

## Foreign Assisted Project: Japan Non-Project Grant Aid for the Small Sugarcane Landholders

For the implementation of the Farm Mechanization Program For Small Sugarcane Landholders project, Japan has committed a total amount of 800 million Yen for the procurement of 70-80 sets of tractors with three (3) implements attached to each tractor such as power harrow, sugarcane wholestalk planter and mulcher (flail mower/side cutter).



### 2022 Accomplishments

**1. Amendment of the Exchange of Notes.** The amended Note Verbale stating the request of the Government of the Philippines, represented by the Department of Foreign Affairs (DFA), that for the procurement of sugarcane planter, power harrow and side cutter, the eligible source countries stipulated in paragraph 2 Appendix I of the Agreed Minutes on Procedural Details dated June 8, 2020 of the Exchange of Notes be changed to all countries except the Republic of the Philippines, was concurred by the embassy of Japan in June 9, 2022.

**2. Final List of NPGA Beneficiaries.** The list of beneficiaries for the program was finalized and approved by the SRA's NPGA Evaluation Committee in October 2022. The final list of beneficiaries was forwarded to the Crown Agent of Japan, the procurement agent of farm machineries commissioned by the Government of Japan.

**3. Delivery Points of Machineries.** The Crown Agent of Japan requested for the delivery points of farm machineries as attachment to the bid forms. The final list of delivery points was prepared by the SRA's Extension Services Divisions in Luzon/Mindanao and Visayas and submitted by the SRA to Crown Agent on September 2022.

**4. Request for Tax Exemption from the DOF.** The SRA has communicated with the Department of Finance (DOF) on October 19, 2022 requesting for Tax Exemption Subsidy (TES). The DOF, through the Fiscal Incentives Review Board (FIRB) informed SRA that the processing of the request for tax subsidy shall be deferred in the Calendar Year 2023.

### Status of the Procurement of Machineries

Timelines of the Crown Agents Japan (CAJ), the Procurement Agent commissioned by the Japanese for the procurement of farm machineries:

- 3 October 2022 - Invitation to Bid (ITB) was issued to 11 bidders
- 12 October 2022 - Submission of clarification by the bidders
- 14 November 2022 - Opening of bids.
- ◆

# SUPPORT SERVICES

## **Project Development : South - South Cooperation**

On July 2022, a technical meeting was held in the Department of Agriculture together with official representatives from the Brazilian Cooperation Agency (ABC). The SRA presented its proposal on Improvement of the Sugarcane Production Chain for South-South Cooperation highlighting specific interest on knowledge sharing and technology transfer on sugarcane technologies. This proposal was supported by the DA and was endorsed to the Embassy of Brazil as one among the top priorities of the Department for technical cooperation between the two countries.

The Government of Brazil, thru the ABC, invited participants from the Philippine sugarcane industry to conduct a scoping mission in Brazil. The technical cooperation mission team will visit Brazil on the first month of 2023.

## **MANAGEMENT OF BRDE LIENS**

### **2022 COMPLETED BRDE-FUNDED PROJECTS**

#### **Socio-Economic and Environmental Impacts of Sugar Production in the Philippines - • Implemented by the University of the Philippines Los Baños**

Based on the results of the socio-economic and environmental footprints assessed for the ten raw sugar production systems, a cost-benefit analysis was performed to compare the status quo and the assumed sugar importation local market penetration. It was observed that current situation and impact of the Philippine raw sugar production, assessed through the 10 out of 28 operating sugar mills, is more beneficial than costly with a social benefit over cost ratio of 1.46. If the sugar liberalization should introduce weakness to the domestic sugar industry and eventually penetrate 50%-100% of the market, the social benefit over cost ratio decreases to 0.05 and 0.01, respectively. It is due to the government expenditure that will be associated with importation, if they will be importing instead of producing the commodities locally. Furthermore, other substantial benefits are not yet accounted such as food security - from being able to domestically supply for our own demand; productive use of our natural resources; direct and indirect businesses that thrive due to the existence of the local industry; and intangible benefits such as road networks and infrastructures development in rural areas that are implemented because of the sugar mills. The current situation shows that even though the local raw sugar price is 52% higher than the imported sugar, the overall benefit to the society weighs more.

#### **Facility System Improvement thru Development of a Fermentation Equipment, and Steam-Heated Reflux Distillation Trials in Support to MMSU Biofuel Research and Production**

- A fermentation vessel was developed which includes two bioreactors. The fermentation vessel has improved the automation of the stirring and the maintenance of the temperature therein, so as not to deactivate the yeast. Its performance is effective with or without the heater in 10 days to 14 days fermentation process.

The steam-heated reflux distiller, on the other hand, has improved the previous distiller and included a pressure reducing valve station to control the heat input into the vessel. It uses steam from the steam boiler instead of the previous distillers which uses wood or solar energy.

The one deployed in the previous study uses wood. It was found that the results of the project suggest that the steam-heated reflux distiller produce results greater than the distiller which uses wood and is comparable to that which uses solar energy.

# SUPPORT SERVICES

## OTHER BRDE-FUNDED PROJECTS FOR FUNDING:

- Process Simulation and Optimization of Ethanol Distillation Systems in the Philippines
- Feasibility Study of Upgrading the Existing Molasses-Based Bioethanol Distillery for Sugarcane as Feedstock

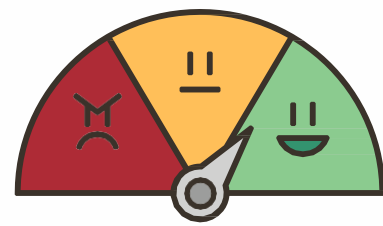
The project "Diversification of Feedstocks for the Bioethanol Sector in the Philippines" passed the evaluation process and was endorsed to the Sugar Board for approval and funding.

## Customer Satisfaction Survey for 2021

The Planning, Policy & Special Projects Department facilitated the procurement of a third-party service provider to conduct the 2021 Customer Satisfaction Survey (CSAT). The CSAT covering the services provided in 2021 was conducted by the University of the Philippines Center for Policy & Executive Development (UP CPED) and was completed on March 31, 2022.

### Result of the Survey:

- *The survey covered 500 farmer respondents, and 100 respondents from regulated entities.*
- *For the farmer respondents, 83.17% of the customers surveyed were either Very Satisfied or Satisfied with SRA's services.*
- *For the regulated entities, 94% of the customers were either Very Satisfied or Satisfied.*
- *Overall customer satisfaction rating based on the result of CSAT was 85%*



## FY 2023 Plans and Budget Preparation

The Planning, Policy and Special Projects Department, in collaboration with the Administrative & Finance Department, spearheaded the preparation of the documents for the Agency's budget proposal for FY 2023.

- Reviewed the projects submitted by the SIDA Technical Working Groups.
- Attended series of budget deliberations called by the Department of Agriculture, Congress and Senate.

The Department of Budget and Management (DBM) issued the confirmation letter dated July 25, 2022 with the details of recommended budget level for FY 2023.



PROGRAM	BUDGET (in Php)
Infrastructure	500,000
Block Farms	150,000
Socialized Credit	150,000
Research, Development & Extension	150,000
Scholarship	50,000

# SUPPORT SERVICES

## Strategic Planning 2023-2028

Initiated by the office of the Administrator, Strategic Planning and Program Implementation Review was conducted last September 21 – 23, 2022 in Negros Occidental. Listed below are the Strategic Objectives formulated, including the outcome indicators for each of the objective:

### **SO #1: EMPOWERED INDUSTRY SIGNIFICANTLY CONTRIBUTED TO FOOD SECURITY AND POVERTY REDUCTION**

- Improve Productivity (yield per hectare)
- Increase sugar production
- Increase average income per hectare of block farms

### **SO #2: IMPROVED INCOME, PROFITABILITY AND GLOBAL COMPETITIVENESS OF THE SUGARCANE INDUSTRY**

- Improve the percentage of satisfied customers Increased
- number of sugarcane block farms accredited Increased
- number of scholars enrolled

### **SO #3: PROVIDE RESPONSIVE TECHNICAL ASSISTANCE AND EXTENSION SERVICES TO SUGARCANE INDUSTRY STAKEHOLDERS**

- Increased number of completed research projects

### **SO #4: SUSTAIN THE DEVELOPMENT OF EXPERTISE AND HUMAN RESOURCES IN THE SUGARCANE INDUSTRY**

- Increased percentage of personnel with required competencies Attain
- ISO 9001 Certification

### **SO #5: MAINTAIN SOUND FINANCIAL MANAGEMENT**

- Maximize budget utilization

# SUPPORT SERVICES

## Legal Services

The Legal Department is the consulting body of the Sugar Regulatory Administration concerning legal matters and issues, either official and/or personal. For the year in review, the Department is tasked to:

- 90 - Drafted, reviewed and notarized legal documents such as; Deed of Absolute Sales, Deed of Donations, Memorandum of Agreement, executed between SRA, represented by the Administrator and the representative of other contracting parties.
- 20 - legal opinions rendered on various legal topics ranging from SRA Charter, Sugarcane Industry Development Act (SIDA) of 2015, Administrative Laws and Orders, to Sugar Orders, Circulars and Memoranda.



The Legal Department also conducted Administrative Investigation on all matters arising from complaints in violation of SRA issuances such as Sugar Orders, Memorandum Circulars, as well as the conduct of investigations on any erring employee. As of this reporting, there are two (2) Administrative cases pending against two SRA employees.

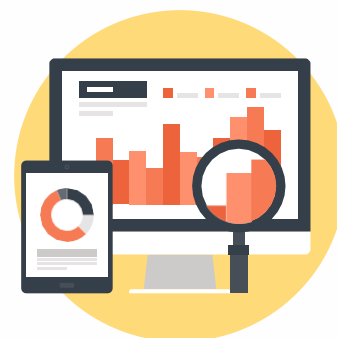
Of the eleven (11) cases being handled by the Legal Department, eight (8) are pending, one (1) dismissed, one (1) withdrawn by petitioner, one (1) endorsed to the Office of the Government Corporate Counsel (OGCC).

## Management & Information Systems (MIS)

For the year 2022, the Management & Information Systems has accomplished the following:

### 1. Information systems/database Developed and Maintained

- a) Developed two Information System (IS), the File Library System and Budget Monitoring System.
- b) Initial development of three (3) Information Systems: Crop Estimate System, Sugar Monitoring System and Procurement Management System
- c) Maintained three (3) Information Systems: the Human Resource Information System, Payroll, and Treasury checks System



### 2. Other Information Technology Support Activities:

- a) Prepared Supplemental ISSP of 2022.
- b) Facilitated renewal of webinar apps (Zoom and Microsoft Teams)
- c) Facilitated the procurement of Official SRA Email using Gmail.

# GENDER & DEVELOPMENT



The SRA - GAD continued to push positive motivation and encouragement in doing significant and rewarding activities for the benefit of the agency personnel for the welfare of the sugarcane industry workers. For the year 2022, GAD accomplishments noteworthy to mention are the following:

- **Seminar Workshop on Gender Sensitivity and Safe Spaces Act** - conducted to increase awareness among sugarcane mill and bioethanol workers on the provisions of anti-sexual Harassment Act and Safe Spaces Act in the workplace. Sixty (60) sugar mills and bioethanol workers participated in the seminar.

- **Seminar Workshop on Gender Sensitivity Training (GST) and Orientation on Gender- Based Violence such a Violence Against Women and Children (VAWC) and Safe Spaces** - conducted to increase awareness and knowledge on new GAD principles and types of abuse or violence emanating from gender relations. 120 small sugarcane farmers trained.

- **National Women's Month Celebration (NWMC) Kickstart, March 8, 2022-** a yearly celebration to continue in spreading awareness on the role of women in national development as well as the importance of women in enhancing rural communities and various gender-based issues. Ninety percent (90%) of SRA employees (permanent and COS) participated in the NWMC Kickstart. GAD Visayas also participated in the kick-off and attended virtually the "Women in Leadership" forum. A total of 159 employees from Visayas and 80% of newly hired COS in Quezon City attended the forum.

- **National Women with Disability Day (NWDD)** - Celebrated every last Monday of March - pursuant to Presidential Proclamation No. 744, s. 2004. The NWDD aims to push the needs of women with disabilities to lead and promote societal reform geared toward their empowerment and full participation in all human endeavors. GAD Visayas celebrated this day by holding a zumba activity to promote a healthy lifestyle and life-work balance.

- **Conduct of Seminar on Anti-Violence Against Women (RA 9262) and Anti-Child Labor (RA 9231)** - Disseminated factual and reliable information to spread awareness to SRA stakeholders. GAD Team Quezon City and Visayas conducted two (2) seminars on Anti- Violence Against Women and Anti-Child Labor . The activity was attended by a total of 218 participants in Visayas and 250 employees in Quezon City.

- **Celebration of 18-Day Campaign to End Violence Against Women** - Most of SRA employees in Quezon City and Bacolod offices joined this campaign by wearing "orange", clothes and accessories.





# DIRECTORY

OFFICE	NAME OF OFFICIAL	DESIGNATION	Email Address/ Landline No.
Office of the Sugar Board	H.E. President Ferdinand R. Marcos, Jr.	Chairperson and DA Secretary	osec.da@gmail.com/ (632) 8920-4369
Office of the Administrator	David John Thaddeus P. Alba	Administrator	<a href="mailto:srahead@sra.gov.ph">srahead@sra.gov.ph</a> / (632) 3455-3376
Office of the Board Planter's Representative	Pablo Luis S. Azcona	Board Member	<a href="mailto:board.planter@sra.gov.ph">board.planter@sra.gov.ph</a>
Office of the Board Miller's Representative	Ma. Mitzi V. Mangwag	Board Member	<a href="mailto:board.miller@sra.gov.ph">board.miller@sra.gov.ph</a>
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Research, Development & Extension - Visayas	B. Lobaton	Department Manager III	<a href="mailto:rde.managervis@sra.gov.ph">rde.managervis@sra.gov.ph</a> / (6334) 433-6887
Regulations	Atty. Guillermo C. Tejida III	Deputy Administrator II	<a href="mailto:Dep.adm.rd@sra.gov.ph">Dep.adm.rd@sra.gov.ph</a> / (632) 8929-9223
Regulation - Luzon/ Mindanao			<a href="mailto:rd_mgr@sra.gov.ph">rd_mgr@sra.gov.ph</a> (632)8926-4493/ (632)8929- 9223
Regulations - Visayas	Joanel N. Elbanbuena	OIC-Department Manager III	<a href="mailto:rd_managervis@sra.gov.ph">rd_managervis@sra.gov.ph</a> / (6334) 434-1470
Administrative and Finance	Atty. Brando D. Norona	Deputy Administrator II	<a href="mailto:dep.adm.afd@sra.gov.ph">dep.adm.afd@sra.gov.ph</a> / (632) 8929-7187

# DIRECTORY

OFFICE	NAME OF OFFICIAL	DESIGNATION	Email Address/ Landline No.
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Internal Audit	Jay Andrew T. Adrias	Department Manager III	<a href="mailto:iad_mgr@sra.gov.ph">iad_mgr@sra.gov.ph</a> (632) 8929-6131
Legal	Atty. Ronald Rimando	Department Manager III	<a href="mailto:legal@sra.gov.ph">legal@sra.gov.ph</a> / (632) 8236-0063
Planning, Policy, & Special Projects	Digna D. Gonzales	Department Manager III	<a href="mailto:ppspdsra@sra.gov.ph">ppspdsra@sra.gov.ph</a> / (632) 8929-6137