Appendix C: Sample Forms and Reports

Crop Validation Survey

CROP VALIDATION SURVEY

Site Number: _____ Soil Texture: _____

Farm Size: _____ Topography: _____

Planter Name: _____ Location: _____

Area (ha): _____ Planting Density: _____

Variety: _____ Furrow distance: ____ Crop Class: _____

Date Established: _____ Harvest Date: _____

Fertilization Date:		Quantity				
	KIND					
	First Dose					
	Second Dose					

5-6 MAE

Date Collected: _____

	Rep1	Rep2	Rep3
Number of Tillers			

11-12 MAE

Date Collected: _____

Total Number Millable	
Average Millable/Stool	

	Brix	Stalk Length	Diameter	Weight
Average				

FM-RDE-ESD-004, Rev. 00
Effectivity Date: March 12, 2015

Crop Estimate

Department of Agriculture
SUGAR REGULATORY ADMINISTRATION
North Avenue, Diliman, Quezon City
Extension Services Division

Crop Estimate

Mill District: CARSUMCO

CE Form 1

Kindly check.

[X] Pre-preliminary Crop Estimate
[ ] Preliminary Crop Estimate
[ ] Pre-final Crop Estimate w/ attachment CE Form 2
[ ] Final Crop Estimate w/ attachment CE Form 2

PARAMETERS	FINAL PRODUCTION CY 2014-15	CROP ESTIMATE CY 2015-16	% INCREASE OR (DECREASE)	REMARKS
Area Harvested/ Planted	4,600.00	4,800	4.35	The increase in area to be harvested will be attributed by the left over canes (unmilled) of CY 2014-15.
Tons Cane	187,323.84	192,000.00	2.50	The increase in area will eventually contribute to an increase in tonnage to be harvested.
LKG	338,949.70	353,280.00	4.23	Estimated increase in raw sugar production will be 14,330.30 LKg.
TC/HA	40.72	40.00	(1.77)	
LKG/HA	73.68	73.60	(0.11)	
LKG/TC	1.81	1.84	1.66	

Submitted By:

LITO M. CARANGUIAN
Mill District Officer

Final Crop Estimate

From Planters / Agriculture

Republic of the Philippines
Sugar Regulatory Administration
North Avenue, Diliman, Quezon City

Final Crop Estimate
Crop Year 2015 - 2016
As of February 15, 2016

Mill District	Area Planted (Has.)	Estimated Production			Average Production		
		Tons Cane	LKg	Sugar MT	TC/Ha	LKg/Ha	LKg/TC
CARSUMCO	4,800.00	206,400.00	379,776.00	18,988.80	43.00	79.12	1.84
Tarlac	10,300.00	433,108.90	701,665.63	35,083.28	42.05	68.12	1.62
Pampanga	6,007.41	202,958.51	314,585.69	15,729.28	33.78	52.37	1.55
Total North Luzon	***21,107.41***	***842,467.41***	***1,396,027.32***	**69,801.37**	***39.91***	***66.14***	***1.66***
Don Pedro	14,186.00	646,030.00	1,198,717.00	59,935.85	45.54	84.50	1.86
Balayan	16,273.00	1,004,598.00	1,820,000.00	91,000.00	61.73	111.84	1.81
PENSUMIL	4,000.00	180,000.00	270,000.00	13,500.00	45.00	67.50	1.50
Total South Luzon	***34,459.00***	***1,830,628.00***	***3,288,717.00***	**164,435.85**	***53.12***	***95.44***	***1.80***
Bukidnon	69,471.45	3,142,761.71	6,599,799.50	329,989.98	45.24	95.00	2.10
Davao	10,167.80	418,296.18	836,592.36	41,829.62	41.14	82.28	2.00
Cotabato	8,952.00	404,117.93	803,896.44	40,194.82	45.14	89.80	1.99
Total Mindanao	***88,591.25***	***3,965,175.82***	***8,240,288.30***	**412,014.42**	***44.76***	***93.01***	***2.08***
LUZON & MINDANAO	**144,157.66**	**6,638,271.23**	**12,925,032.62**	**646,251.63**	**46.05**	**89.66**	**1.95**

Noted by:

M. DINA PADILLA-FERNANDEZ
Chief Agriculturist
Luzon & Mindanao

MAXIMO R. PELLE
Supervising Agriculturist

Sugarcane Farmer's Profile

SUGARCANE FARMER'S PROFILE

Year: _____

Mill District: _____ EWA No.:_____ ESD Code: _____/_____

Name of Planter: _____

Address: _____

Household Members	Sex[a]	Civil Status[b]	Educ Attain[c]	Occupation[d]	Years in Farming		Income	
					Sugarcane	Other Crops	Sugarcane	Other Crops
Planter:								
Spouse:								
Children:								
1.								
2.								
3.								
4.								
5.								
6.								
7.								
8.								

[a] [1] Male [2] Female

[b] [1] Single [2] Married [3]Separated [4] Widowed

[c] [1] Elem [2] H.S. (undergrad) [3] H.S. (Grad) [4] College Undergrad [5] College Grad [6] Vocational

[d][1] Sugarcane Farmer [2] Rice/Corn Farmer [3] Retailer [4] Driver [5] Others, _____ [6] None

Location of the Farms	Area (ha)		Variety planted		TC/HA		LKG/HA		Soil Analysis				Farming System[a]	Type of Mgt.[b]
	PC	RC	PC	RC	PC	RC	PC	RC	N	P	K	pH		

Q: Have you attended seminar on sugarcane production? _____yes _____no, why? _____

Training needs assessment: _____

[a] [1] Fully mechanized [2] Semi-mechanized [3] Animal-drawn

[b] [1] Private-leased [2] Owned & individually managed [3] CLOA holder/individually managed [4] CLOA holder/lessee [5] CLOA on process [6] Others, please specify_____

PC – Plantcane
RC – Ratoon cane

FM – RDE – ESD - 001, REV 00
Effectivity Date: March 12, 2015

Weekly Factory Statement

Batangas Sugar Central, Inc.

Balayan, Batangas

WEEKLY FACTORY STATEMENT

Crop Year 2014-2015

Report No.: 20-FR

Week Ending: May 10,2015

CANE	This Week	To Date
Ground, Gross Tonnes	13,020.380	470,228.590
Ground Net Tonnes	12,375.285	455,853.165
Ground, % Capacity	45.19	79.09
% Polarization	15.64	11.96
% Fiber	14.4	12.29
% Trash	4.95	3.05
Burnt Cane % Total Gross Cane	77.79	42.03
Tonnes Gross Cane / Tonnes Sugar	9.95	10.73
Lkg Sugar.tones gross Cane (LKG/Tc)	1.8638	1.8638
MILLING DATA		
Extraction % Pol In Cane	92.44	91.40
Reduced Extraction	93.58	91.23
Milling Loss	7.14	8.18
Abs. Juice In Bag % Fiber	46.57	62.88
Extraction Ratio	52.50	69.97
Imbibition % Cane	15.13	14.78
Pol Java Ratio	82.88	74.63
Tonnes Gross Cane/Hour	133.78	167.42
Hours Actual Grinding	97:20	2,808:35
Hours Delay Due To:		
Mill	2:15	55:25
Boilers	2:20	71:05
Boiling House	-	-
Power House	-	71:25
Transportation/Motor Pool	-	-
No Cane	50:10	51:35
Instrumentation	-	-
Engineering	-	44:20
Cleaning	-	153:15
Unavoidable	1:35	53:40
Holidays	-	57:20
Miscellaneous	-	14:50
Others	-	-
FIRST EXPRESSED JUICE		
Brix	22.74	19.17
% Polarization	19.87	15.99
Apparent Purity	82.98	82.90

SUGAR MANUFACTURED	This Week	To Date
Lkg Sugar Manufactured	28,787.64	876,455.22
Tonnes	1,439.382	43,822.761
Lkg/TC	2.2109	1.8638
% Polarization	97.35	97.40
% Moisture	0.55	0.56
Moisture Ratio SF	0.21	0.21
% Ash	0.67	0.56
% RS	0.86	0.82
Clarity, Kopke	82	81
Lkg latest estimate this crop		900,000
Manufactured %		97.38
BOILING HOUSE DATA		
A-Massecuite		
Brix	92.10	92.84
Apparent Purity	79.28	79.09
A-Molasses Apparent Purity	59.32	59.55
B-Massecuite		
Brix	93.08	93.30
Apparent Purity	74.96	75.26
B-Molasses Apparent Purity	57.52	57.59
C-Massecuite		
Brix	95.10	95.0
Apparent Purity	59.32	59.63
FINAL MOLASSES		
Tonnes Manufactured	883.587	20,071.792
Tonnes Due Cane	883.587	20,071.792
Brix	92.06	85.11
Apparent Purity	32.00	39.31
% Ash	11.0	9.18
% RS	22.11	20.16
Kilos Grav. Solids FM/Tonnes Sugar	554.24	389.82

De La Salle University

LAST EXPRESSED JUICE	This Week	To-Date
Brix	8.71	6.24
Apparent Purity	78.64	77.72
MIXED JUICE		
% Gross Cane	82.32	95.75
Brix	18.69	15.62
% Polarization	15.33	12.58
Apparent Purity	82.01	80.53
Gravity Purity	83.09	81.69
CLARIFIED JUICE		
Brix	18.11	17.30
Apparent Purity	83.43	83.12
pH	6.6	6.8
Clarity (NTU)	118	157
LIME USED		
Tonnes	9.050	288.800
% CaO	89.0	85.90
Kilos Avail. CaO/TC	0.62	0.48
SYRUP		
Brix	65.43	63.50
Apparent Purity	83.63	83.32
pH	6.3	6.6
Gravity Purity	84.31	84.03
Increased AP (Mixed Juice To Syr	1.62	2.79
BAGASSE		
% Gross Cane	32.81	29.03
% Polarization	3.14	3.49
% Moisture	52.09	53.15
FILTER CAKE		
% Gross Cane	2.55	3.38
% Polarization	2.00	2.61
% Moisture	74.23	73.89
Filter Juice Purity	79.48	79.41

SUGAR MANUFACTURED & AVAIL	This Week	To- Date
Tonnes Manufactured	1,439.382	43,822.761
Add Tonnes In Process	-	-
Total Tons Mfd. & Available	1,439.382	43,822.761
Deduct Sgr Due Prev. Stock Process	131.161	-
Tonnes Sugar Due Cane	1,308.221	43,822.761
Tonnes Sugar % Gross Cane	10.04	9.31
RECOVERY (Pol Basis)		
Actual Boiling House Recovery	85.26	84.09
Theo. Boiling House Recovery	90.59	85.50
Basic Boiling House Recovery	91.86	91.04
Reduced BHR-ESG	88.82	87.95
Actual Over-All Recovery	79.92	76.97
Reduced Over-All Recovery	81.25	80.24
LOSSES (% Pol In Cane)		
In Bagasse	7.56	8.60
In Filter Cake	0.37	0.74
In Final Molasses	13.05	12.10
Undetermined	0.2	1.69
Total Losses	21.18	22.13
SUMMARY STOCK IN PROCESS		
Tonnes	-	-
Tonnes Brix	-	-
Tonnes Pol	-	-
Tonnes % Available Pol	-	-
Tonnes Available Sugar (%Pol	-	-
Tonnes Unavailable Pol	-	-
% Unavailable Pol	-	-
Tonnes Available Molasses (Pc	-	-

REMARKS:

Milling for Crop Year 2014-2015 started on Dec. 20,2014, SATURDAY @ 12:10 pm & stopped on May 10,2015 SUNDAY @ 9:40 am. Boiling House liquidation finished @ 11:15 pm

Chief of Laboratory

Resident Manager

Estimated Pre-empted Production

ANNEX A-1 RDE

Estimated Pre-empted Production

CARSUMCO MILL DISTRICT

Accounting for Variances

Crop Estimate Parameters	Cane Area	Tons Cane	BAGS SUGAR	Tons Sugar	TC/Ha.	LKg/TC
(1) Unmilled standing canes, part of estimate	125.00	5,125.00	9,365.00	468.25	41.00	1.83
(2) Bio-ethanol bound canes	200.00	8,200.00	15,580.00	779.00	41.00	1.90
(3) Diverted/Used as canepoints, but part of estimate	75.00	3,375.00	6,480.00	324.00	45.00	1.92
(4) Burned canes/abandoned left unmilled, part of estimate						
(5) Abandoned areas, used to be part of estimate						
(6) Drought induces effects (provide comparative rainfall data)						
TOTAL	400.00	16,700.00	31,425.00	1,571.25	41.75	1.88

sent thru e-mail.

Submitted by:

Lito Caranguian
Mill District Officer

Reviewed by:

M. Dina Padilla-Fernandez, PhD
Chief Agriculturist

Certified correct:

Fernando H. Corpuz
Manager III, RDE L&M

Weekly Production Report on Raw Sugar

SMS Form No. 1
August 2008

Crop Year:	2015-2016
Mill Code/Short Name:	52-BATANGAS
Week Ending:	7-Feb-16
Report No.:	23

WEEKLY REPORT ON RAW SUGAR

(Figures in Metric Tons)

	CURRENT CROP			PREVIOUS CROP		
	This Week	Previous	To-Date	This Week	Previous	To-Date
1. MANUFACTURED	2046.330	11186.239	13232.569		0	0
2. QUEDANNED						
"A" Export	0.000	0.000	0.000	0.000	0.000	2707.548
"B" Domestic	2046.330	11186.239	13232.569	0.000	0.000	10587.185
"C" Reserve				0.000	0.000	0.000
"D" World	0.000	0.000	0.000	0.000	0.000	1560.726
TOTAL	2046.330	11186.239	13232.569	0.000	0.000	14855.459
3. WITHDRAWALS						
3.1Export/Domestic/World						
"A"						
"A" to "B"	0.000	0.000	0.000	0.000	2028.823	2028.823
"B", etc.	511.100	2143.791	2654.891	42.500	6093.996	6136.496
"B" as "A"						
"B" as "D"				0.000	0.000	0.000
"A" as "F"	0.000	0.000	0.000	0	0.000	0.000
"D to "B"	0.000	0.000	0.000	0.000	605.771	605.771
"A" as "D"	0.000	0	0.000			
"B" as "D"	0.000	0.000	0.000			
"C" to "B"				0	0	0.000
"D" to "E",etc.	0	0	0.000			
TOTAL	511.100	2143.791	2654.891	42.500	8728.590	8771.090
4. BALANCE						
"A"	0.000	0.000	0.000	0.000	-2028.823	678.725
"B"	1535.230	9042.448	10577.678	-42.500	-6093.996	4450.689
"C"	0.000	0.000	0.000	0.000	0.000	0.000
"D"	0.000	0.000	0.000	0.000	-605.771	954.955
TOTAL BALANCES	1535.230	9042.448	10577.678	-42.500	-8728.590	6084.369
5. UNQUEDANNED	0.000	0.000	0.000			
6. STOCK BALANCE	1535.230	9042.448	10577.678	-42.500	-8728.590	6084.369
7. TRANSFERS to Refinery	0.000	0.000	0.000	0.000	0.000	0.000
8. PHYSICAL STOCK	1535.230	9042.448	10577.678	-42.500	-8728.590	6084.369
9. TONS DUE CANE	2041.346	11370.267	13411.613	**15. Quedan Issuances Series & No. of Pieces):**		
10. GROSS TONS CANE MILLED	24496.550	146822.490	171319.040	"A"	0	
11. LKG/TC, GROSS	1.8666	1.5488	1.5657	"B"	005265-006217	
12. a. Planters' Share	1364.134	7671.213	9035.347	"C"		
b. Mill's Share	682.196	3515.026	4197.222	"D"		

13. Mill District Price Monitoring (PESO/LKg)		WHOLESALE(PESO/LKG)	RETAIL(PESO/KILO)
Date of Bidding:			
"A"	"C"	Raw:	Raw:
"B"	"D"	Refined:	Refined:

14. Sugar Distribution Factor: 35:65

Weekly Production Report on Refined Sugar

SMS Form No. 2
August 2008

Crop Year:	2015-2016
Refinery Code/ Name:	-66-CARSUMCO
Week Ending:	FEB. 07, 2016
Report No.:	-23-

WEEKLY REPORT ON REFINED SUGAR
(Figures in 50-KG BAGS)

	CURRENT CROP			PREVIOUS CROP		
	THIS WEEK	PREVIOUS	TO-DATE	THIS WEEK	PREVIOUS	TO-DATE
RAW SUGAR:						
1. CARRY-OVER	-		-			
2. Receipts: (For Refining)						
2.1 From Raw Mill	16,246.75		16,246.75			
2.1.1 Covered by SRO	-	-	-	-	-	
2.1.2 Not covered by SRO	16,246.75	-	16,246.75	-	-	-
2.2 Other Mills	-					
2.3 Imported					-	-
2.4 Refined Sugar reprocessed(old)					-	-
TOTAL RECEIPTS	16,246.75	-	16,246.75	-	-	-
3. MELTED	16,246.75	-	16,246.75	-	-	-
4. WITHDRAWALS				-	-	-
5. BALANCE RAW	-	-	-	-	-	-
REFINED SUGAR:						
6. PRODUCTION/CARRY-OVER					-	-
6.1 DOMESTIC	8,322.00	-	8,322.00		43,550.32	43,550.32
6.2 IMPORTED						-
TOTAL REFINED	8,322.00	-	8,322.00		43,550.32	43,550.32
6.3 RETURN TO PROCESS				-		
PRODUCTION(NET)					-	-
7. ISSUANCES	-	-	-	-		
			-			-
8. WITHDRAWALS						-
8.1 DOMESTIC	-	-	-		42,420.00	42,420.00
8.2 "D" TO "E"						
9. STOCK BALANCE	-	-	-	-	1,130.32	1,130.32
10. UNQUEDANNED	8,322.00	-	8,322.00	-	-	-
11. STOCK ON HAND	8,322.00	-	8,322.00	-	1,130.32	1,130.32
12. REFINED SUGAR QUEDAN ISSUANCES (SERIES & NO. OF PCS.)						
13. REFINED SUGAR PRICE /LKG:						

Certified:

JOSEPH LAYAN
(Refinery Representative)
Position: Operations Manager
Date:_____

Verified:

ERNESTO M. ORTALIZ, JR.
(SRA Representative)
Position: SPCRO III
Date_____

LICENSING & MONITORING DIVISION
RECEIVED

Weekly Production Report on Molasses

SMS Form No. 3
August 2008

Crop Year:	2015-2016
Mill Code/Short Name:	-66-CARSUMCO
Week Ending	FEB. 07, 2016
Report No.:	-23-

WEEKLY REPORT ON MOLASSES
(Figures in Metric Tons)

	CURRENT CROP			PREVIOUS CROP		
	THIS WEEK	PREVIOUS	TO-DATE	THIS WEEK	PREVIOUS	TO-DATE
1. PRODUCTION						
1.1 Manufactured, Raw	532.675	922.000	1,454.675			
1.2 Retention,Overages,Adjustments etc.						
1.3 Manufactured, Refined	44.325	0.000	44.325			
TOTAL	577.000	922.000	1,499.000			
2. ISSUANCES/CARRY-OVER				CARRY OVER		
2.1 Planters Share	319.605	553.200	872.805			
2.2 Mill share	213.070	368.800	581.870	Mill/Planters share	0.000	0.000
2.3 Refinery Molasses	0.000	0.000	0.000	Refinery Mols.	375.375	375.375
TOTAL	532.675	922.000	1,454.675		375.375	375.375
3. WITHDRAWALS						
RAW:						
3.1 Export						
3.2 Domestic	224.840	13.155	237.995			
3.3 Distillery						
3.4 Others						
REFINED:						
3.5 Export						
3.6 Domestic	0.000	0.000	0.000	0.000	375.375	375.375
3.7 Distillery						
3.8 Others						
TOTAL	224.840	13.155	237.995	0.000	375.375	375.375
STOCK BALANCE	307.835	908.845	1,216.680	0.000	0.000	0.000
4. UN-ISSUED MSC				0.000	0.000	0.000
5. BALANCE						
5.1 Raw	307.835	908.845	1,216.680	0.000	0.000	0.000
5.2 Refined	44.325	0.000	44.325	0.000	0.000	0.000
TOTAL BALANCES	352.160	908.845	1,261.005	0.000	0.000	0.000

5. Molasses Price (Php/MT):
5.1 RAW: 5.2 REFINED:

6. Molasses Storage Certificates (Series & No. of Pcs.):
6.1 RAW: 057776-057986 211

7. Molasses Distribution Factor: **1.12226726**

8. DETAILS OF MOLASSES WITHDRAWALS

TRADER / OWNER	MDO No. / SO No.	QTY.(MT)
URC-SFEC	2016-00179	131.548
URC-SFEC	2016-00181	80.102
VRE	2016-00180	13.190
		224.840

Certified:
JOSEPH A. TAN
(Mill Representative)
Position:Operations Manager
Date:

Verified:
ERNESTO M. ORTALIZ, JR.
(SRA Representative)
Position : SPCRO III
Date:

Crop Assessment Report

SUGAR REGULATORY ADMINITRATION
CARSUMCO Mill District

CROP ASSESSMENT REPORT
Crop Year 2015 - 2016

Report No. 9 Week Ending : March 20, 2016

PART I: PRODUCTION DATA

A. Area Harvested

Particulars	Estimated Production	Actual Production			Percent Completed
		Previous	This Week	To-Date	
Area (Has.)	5,000.00	3,850.00	350.00	4,200.00	84.00
Tons Cane	215,000.00	163,325.00	14,296.85	177,621.85	82.61
LKG Sugar	395,600.00	285,504.38	26,166.22	311,670.60	78.78
Average TC/Ha	43.00	42.42	40.85	42.29	
Average LKG/Ha	79.12	74.16	74.76	74.21	
Average LKG/TC	1.84	1.75	1.83	1.75	

B. Standing Crop

Particulars	Estimated Production
Area (Has.)	800.00
Tons Cane	37,378.15
LKG Sugar	83,929.40
Average TC/Ha	46.72
Average LKG/Ha	104.91
Average LKG/TC	2.25

C. Area Planted and Ratooned for Crop Year 2015 - 2016

Crop Class	Estimated Area (Has.)		
	Previous	This Week	To-Date
Plant Cane	803.00	86.00	889.00
Ratoon Cane	2,697.00	264.00	2,961.00
TOTAL	**3,500.00**	**350.00**	**3,850.00**

Start of Milling: January 14, 2016
End of Milling: April 30, 2016

PART II. NARRATIVE REPORT

(Describe how each factor affect harvesting, production, and cultivation for the next crop)

WEATHER	No more rainfall since the start of January 2016 which is the beginning of El Nino as forecasted by PAGASA.
PRICES OF SUGAR	The price of sugar is much higher than last year prompting some planters to harvest even young canes and this will also inspire them to expand their area for the next crop year.
MILL OPERATION	
PRICES OF INPUTS	
OTHERS	
OVERALL ANALYSIS	

Prepared by:

LITO M. CARANGUIAN
Mill District Officer

Monitoring Report

MONTHLY MONITORING REPORT ON THE AGRONOMICAL/PHYSICAL STATUS OF SUGARCANE DEVELOPMENT AND OTHER FIELD CONDITIONS

CARSUMCO MILL DISTRICT

For the Calendar Month of	: November
Mill District Officer	: LITO M. CARANGUIAN
Extension Work Area	: EWA- 1
Sampling Site No.	: 1
Location	: Sto. Domingo, Piat, Cagayan
Cane attributes/Variety/ies	: VMC 84 - 524
Cane age	
– New plant	:
– Ratoon	: 10 months
Cane Density	
[ ] Sparse	
[√] Profuse	
Length of cane stalk	: 190 centimeters
Length of internodes	: 10.20 centimeters
Leaf coloration	: yellowish
Farm Activity	
[ ] - Replanting	
[ ] - Irrigation	
[ ] - Fertilization	
[ ] - Cultivation	
[ ] - Weeding	
[ ] - Disease control	
[√] - Others	: No more activity in the farm instead re-conditioning of their hauling trucks and rehabilitation of sugar roads by the CARSUMCO mill in preparation for the milling/harvesting operations which will start on January 8, 2016.
Rainfall patterns	: Very rare occurrence of rainfall coupled with low intensity having a total rainfall only of 21.95 mm (total average of 2 rain gauge station) for the month of November 2015.

Damage Report

FME Form 3

Republic of the Philippines
Department of Agriculture
SUGAR REGULATORY ADMINISTRATION
DON PEDRO MILL DISTRICT
CADPI Compound, Lumbangan, Nasugbu, Batangas

CROP DAMAGE REPORT
(Field Monitoring and Evaluation)

Mill District: DON PEDRO
Typhoon/Calamity: "Ruby"
Date of Occurrence: December 8 & 9, 2014
NEGLIGIBLE

	Crop Estimate		
	Before the Calamity	After the Calamity	% Loss
Area Planted	14,186.00	14,186.00	
Tons Cane	709,300.00	709,300.00	
LKg	1,099,415.00	1,099,415.00	
TC/Ha	50.00	50.00	
LKg/Ha	77.50	77.50	
LKg/TC	1.55	1.55	

Remarks:
Typhoon "Ruby" does not bring any damage in the district, the expected heavy rain does not occur instead a continuous moderate rain were experience from Dec 8 to Dec 9, 2014. Winds were also very weak although, it causes some canes to lodge. In General, typhoon "Ruby" effect in the district is negligible.

Submitted by:

CELSO T. ERSANDO
Mill District Officer
Dec. 10, 2014

SUGAR REGULATORY ADMINISTRATION
North Avenue, Diliman, Quezon City
EXTENSION SERVICES DIVISION
Luzon and Mindanao

Typhoon *LANDO* - October 17-20, 2015

MILL DISTRICT	EXTENT OF DAMAGE	SUBMITTED BY
CARSUMCO	The provinces of Isabela and Cagayan were hit by typhoon "Lando" with typhoon signal No. 3 & 2 respectively. However, the said typhoon did not cause any damage to the sugarcane areas in our district since the wind velocity was not strong and its level was high (see sugarcane pictures below after the typhoon). The typhoon brought heavy rains beneficial to the sugarcane plants which are starting to wilt due to insufficient soil moisture.	Lito M. Carangulan
Tarlac	No impact on the crop although lodging of canes were observed. Milling season at Central Luzon will start early November 2015 thus effect of typhoon will not be significant. However, slight increase in tonnage for the cane that will be milled later or on January to February 2016 due to increase in available water for the crops.	Joel G. Ronario
Pamapanga	Base from the actual inspection (see photos). The immediate effect of strong winds and rainfall is the slight lodging of canes. This is mainly brought about by the shorter internode and diameter at the base which is brought about the drought. Adding to the weight is the increase in diameter of the upper internode and the wetted leaves which favored lodging of canes. Moreover, I could say the typhoon has brought gain rather than yield loss. Favoring the adequate condition of the canes on the grand growth stage. I could further conclude an increase in tonnage for the Pre-Final estimate for Pampanga Mill District. Adjustments will be verified in the field this coming weeks.	Laverne C. Olalia
Don Pedro	Most of the canes were 9-11 months old and ready for harvest. The extend of damage is negigible since Batangas was not the center of the typhoon, wind was strong but the canes does not directly hit. Only few canes lodge and cane still recover.	Celso T. Ersando
Balayan	After the actual field inspection made from Balayan area to as far as Alitagtag, no severe damage was observed on the crop, the rain and the wind was not that strong. Only those long canes shows lodging but no breakage on stalks , no uprooted canes and a very minimal leaf damage was observed.	Lucio S. Santiago
PENSUMIL	Bicol Region was declared under tyhoon signal No 1. Intermittent rains were experienced. Slight lodging were noted only on the perimeter side of sugar plantations. No uprooted stools, no stalk breakage and very limited shredded leaves. In totality, the effects of typhoon Lando in Pensumil District is negligible.	Salvador B. Ocampo

Prepared by:

MAXIMO R. PELLE
Supervising Agriculturist

PENSUMIL MILL DISTRICT

Pili, Camarines Sur Area

Weekly Production Statistics Report

WEEKLY PRODUCTION STATISTICS REPORT
Luzon & Mindanao
CY 2015-2016

Week ending: December 13 , 2015

MILL DISTRICT	AREA PLANTED	ESTIMATED PRODUCTION		AREA HARVESTED (HA)		%	TONS CANE MILLED			WEEKLY LKG/TC	SUGAR PRODUCED (LKG)			AREA OF STANDING CANE (HA)	ESTIMATED PRODUCTION	
		TC	LKg	THIS WEEK	TO DATE		THIS WEEK	TO DATE	WEEKLY AVERAGE		THIS WEEK	TO DATE	WEEKLY AVERAGE		TOTAL TONS CANE	TOTAL LKG
CARSUMCO	4,700.00	188,000.00	345,920.00			0.00			#DIV/0!	#DIV/0!			#DIV/0!	4,700.00	188,000.00	345,920.00
Tarlac	10,300.00	445,099.17	757,557.01	646.97	2,248.39	21.83	31,054.51	103,118.45	48.00	1.54	47,975.64	156,796.80	74.15	9,653.03	414,044.66	709,581.37
Pampanga	6,007.41	202,958.51	346,931.81	342.41	1301.86	21.67	11,984.21	50,362.32	35.00	1.70	20,348.76	65,948.26	59.43	5,665.00	190,974.30	326,583.05
NORTH LUZON	**21,007.41**	**836,057.68**	**1,450,408.82**	**989.38**	**3,550.25**	**16.90**	**43,038.72**	**153,480.77**	**43.50**	**1.59**	**68,324.40**	**222,745.06**	**69.06**	**20,018.03**	**793,018.96**	**1,382,084.42**
Don Pedro	14,186.00	652,556.00	1,239,856.00	510.00	510.00	3.60	27,234.58	27,234.58	53.40	1.36	37,062.33	37,062.33	72.67	13,676.00	625,321.42	1,202,793.67
Balayan	16,273.00	1,025,100.00	1,930,500.00	1,060.00	1,060.00	6.51	68,231.79	68,231.79	64.37	1.26	86,260.95	86,260.95	81.38	15,213.00	956,868.21	1,844,239.05
PENSUMIL	4,000.00	180,000.00	270,000.00			0.00			#DIV/0!	#DIV/0!			#DIV/0!	4,000.00	180,000.00	270,000.00
SOUTH LUZON	**34,459.00**	**1,857,656.00**	**3,440,356.00**	**1,570.00**	**1,570.00**	**4.56**	**95,466.37**	**95,466.37**	**60.81**	**1.29**	**123,323.28**	**123,323.28**	**78.55**	**32,889.00**	**1,762,189.63**	**3,317,032.72**
Bukidnon	69,135.10	3,571,274.00	7,112,998.00	3,493.17	9,920.75	14.35	178,151.80	506,127.91	51.00	2.05	364,995.30	961,311.72	104.49	65,641.93	3,393,122.20	6,748,002.70
Davao	10,167.80	480,165.00	960,330.00			0.00			#DIV/0!	#DIV/0!			#DIV/0!	10,167.80	480,165.00	960,330.00
Cotabato	8,952.00	447,600.00	895,200.00	503.73	1,436.88	16.05	25,186.25	71,843.98	50.00	2.01	50,573.94	131,381.00	100.40	8,448.28	422,413.75	844,626.06
MINDANAO	**88,254.90**	**4,499,039.00**	**8,968,528.00**	**3,996.90**	**11,357.63**	**12.87**	**203,338.05**	**577,971.89**	**50.87**	**2.04**	**415,569.24**	**1,092,692.72**	**103.97**	**84,258.00**	**4,295,700.95**	**8,552,958.76**
LUZON & MINDANAO	**143,721.31**	**7,192,752.68**	**13,859,292.82**	**6,556.28**	**16,477.89**	**11.47**	**341,843.14**	**826,919.03**	**52.14**	**1.78**	**607,216.92**	**1,438,761.06**	**92.62**	**137,165.03**	**6,850,909.54**	**13,252,075.90**

Prepared by:

Maximo R. Pelle
Suprvising Agriculturist

Sample Program KPI

Programs	Performance Indicator	Physical Targets					
		2015	2016	2017	2018	2019	2020
A) Block Farming Program							
1. Operationalization of block farms	No. of block farms operationalized	50	200	200	200	200	200
B) R, D & E Program							
1. HYV Nurseries	No. of Hectares	100	1,500	1,500	1,500	1,500	1,500
2. Breeding of new varieties	No. of foreign varieties acquired/tested No. of new varieties bred	2	4 2-SRA 3-PHILSURIN / SUCs	5	4 5	5	5
2. Adaptability trials	No. of Hectares tested NCT tests conducted Hectares of demo farms	100 5 24	300 15 100	300 15 100	300 15 100	300 15 100	300 15 100
3. Crop Estimate System	No. of weather stations installed Generation of crop modeling software and database	90	120	1 set			
4. Soil Fertility Mapping	No. of soils laboratories assisted / installed No. of soil fertility district maps	2 2	10 5 5	5 17 10	5 0	5	5

RECOMMENDED CULTURAL PRACTICES IN SUGARCANE AT DIFFERENT STAGES OF GROWTH

GROWTH STAGE	GERMI NATION	TILLERING			STALK ELONGATION				RIPENING			
CulturaL Practices**		A										
		B										
		C										
		D										
					E							
					F							
											G	
MAP *	1	2	3	4	5	6	7	8	9	10	11	12

* Cultural Practices:

A - Weed Control
B - Cultivation
C - Replanting
D - Fertilizer Application
E - Pest Control
F - Irrigation
G - Harvesting

** Months After Planting

After Cerbo, 1992