

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

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WEEKLY SUGAR QUALITY REPORT NO:

FINAL 2013

SUGAR QUALITY RESULTS (TO-DATE FIGURES)

SPECIFICATIONS:		EXPORT	98.50	<0.35	<0.25	800-1500	3000-6000	<500.00	22-52	<250.00	<0.30	< 0.50
		LOCAL	97.00	0.70	-	-	3000	-	10	-		
FACTORIES		WEIGHT TONNES	POLARIZA- TION %	MOISTURE %	SAFETY FACTOR (C)	COLOUR AFF. RAW IU	COLOUR WHOLE RAW IU	INSOLUBLE SOLIDS MG/KG	GRAIN SIZE 28MESH(T)	DEXTRAN M.A.U.	ASH %	REDUCING SUGARS %
APPLETON	E	27289.82	98.65	0.33	0.24	1435.20	3140.48	134.18	34.58	143.83	0.33	0.41
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	27289.82	98.65	0.33	0.24	#N/A	3140.48	134.18	#N/A	#N/A	0.33	#N/A
BERNARD LODGE	E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
GOLDEN GROVE	E	8772.22	98.98	0.43	0.42	1395.28	2374.61	241.85	32.94	573.93	0.24	0.32
	L	8615.60	98.69	0.57	0.43	#N/A	2314.00	240.26	#N/A	#N/A	0.24	#N/A
	A	17387.82	98.84	0.50	0.43	#N/A	2344.58	241.06	#N/A	#N/A	0.24	#N/A
FROME	E	19385.31	99.04	0.26	0.28	958.25	1744.99	259.11	58.32	622.25	0.17	0.36
	L	15924.70	98.96	0.20	0.19	#N/A	1526.36	210.84	#N/A	#N/A	0.17	#N/A
	A	35310.01	99.00	0.23	0.23	#N/A	1646.39	237.34	#N/A	#N/A	0.17	#N/A
EVERGLADES	E	5244.43	98.59	0.51	0.36	1060.85	1764.97	350.40	34.56	421.81	0.21	0.39
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	5244.43	98.59	0.51	0.36	#N/A	1764.97	350.40	#N/A	#N/A	0.21	#N/A
MONYMUSK	E	3397.15	99.03	0.22	0.22	1025.91	1253.17	262.23	21.52	487.21	0.26	0.22
	L	14224.00	98.83	0.25	0.22	#N/A	1883.32	236.08	#N/A	#N/A	0.30	#N/A
	A	17621.15	98.87	0.25	0.22	#N/A	1761.84	241.12	#N/A	#N/A	0.29	#N/A
WORTHY PARK	E	19323.27	98.87	0.29	0.25	921.86	2458.30	186.50	25.76	122.01	0.28	0.45
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	19323.27	98.87	0.29	0.25	#N/A	2458.30	186.50	#N/A	#N/A	0.28	#N/A
TOTALS & AVERAGES	E	83412.20	98.84	0.32	0.28	1161.03	2414.24	205.47	37.35	326.66	0.26	0.39
	L	38764.30	98.85	0.30	0.26	#N/A	1832.40	226.64	#N/A	#N/A	0.23	#N/A
	A	122176.50	98.84	0.32	0.27	#N/A	2229.63	212.18	#N/A	#N/A	0.25	#N/A

REMARKS:

A=AVERAGE OR TOTAL
E=EXPORT SUGAR
L=LOCAL SUGAR
NA=NOT AVAILABLE

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

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WEEKLY SUGAR QUALITY REPORT NO:

FINAL 2013

FACTORIES POLARIZATION RESULTS
VS
SIRI LABORATORY POLARIZATION RESULTS (WEEK & TO-DATE FIGURES)

		FACTORIES			SIRI LAB		DIFFERENCES	
FACTORIES		TONNES COMMER. SUGAR	%POL.	MOISTURE	%POL.	MOISTURE	%POL.	TONNES 96 SUGAR
APPLETON	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	27289.82	98.84	0.30	98.65	0.33	-0.19	-101.97
BERNARD LODGE	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOLDEN- GROVE	WEEK	1005.77	98.86	0.74	98.78	0.65	-0.08	-1.75
	TO DATE	17387.82	99.03	0.60	98.84	0.50	-0.19	-64.89
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	35154.01	99.12	0.17	99.00	0.23	-0.12	-57.97
EVER GLADES	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	5244.43	98.88	0.47	98.59	0.51	-0.29	-23.72
MONYMUSK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	17621.15	98.93	0.18	98.87	0.25	-0.06	-10.30
WORTHY PARK	WEEK	1078.88	99.04	0.26	99.09	0.24	0.05	0.76
	TO DATE	19323.27	98.87	0.28	98.87	0.29	0.00	1.22
TOTALS & AVERAGES	WEEK	2084.65	98.95	0.49	98.94	0.44	-0.01	-1.08
	TO DATE	122020.50	98.97	0.29	98.84	0.32	-0.13	-242.02

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

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BASE PRICE
PER TONNE

TO-DATE

(US\$)

490.16

NA=NOT AVAILABLE

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
FINAL**

(AS REPORTED BY THE FACTORIES)

2013

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>							
Estate Received	44,810.54	85,950.38	84,147.69	205,089.71	248,259.34	166,928.41	835,186.07
Farmer's Received	30,525.65	95,559.91	109,289.05	235,080.35	48,810.83	54,088.22	573,354.01
Total Received	75,336.19	181,510.29	193,436.74	440,170.06	297,070.17	221,016.63	1,408,540.08
Ground for sugar	71,994.85	179,749.87	193,380.87	440,170.06	293,861.14	221,016.63	1,400,173.42
Ground for distillery	2,711.05	0.00	55.87	0.00	3,209.03	0.00	5,975.95
Ground for other	630.29	1,760.42	0.00	0.00	0.00	0.00	2,390.71
Total ground	75,336.19	181,510.29	193,436.74	440,170.06	297,070.17	221,016.63	1,408,540.08
Percent pol	11.50	10.31	12.92	10.91	11.60	11.45	11.37
Percent fibre	16.80	16.19	13.85	15.25	14.52	14.16	14.94
Tonne/Tonne 96° sugar	10.88	12.87	8.52	11.99	9.96	11.95	11.13
Tonne 96° sugar	6,674.00	14,107.00	22,701.00	36,700.00	29,513.00	18,501.00	128,196.00
Lit. oil/ tonne 96° sugar	10.86	0.00	0.00	18.87	11.82	35.48	14.54
<u>MILLING</u>							
Tonne cane/hour	65.75	76.60	67.76	168.35	140.44	158.95	129.86
Tonne fibre/hour	11.05	12.40	9.39	25.68	20.39	22.51	19.34
Pol extraction	88.49	86.74	94.92	87.70	90.85	88.49	89.40
Reduced pol extraction	92.12	90.19	95.49	90.24	92.31	90.04	91.46
Wholly reduced extraction	91.86	91.56	95.26	91.21	92.69	90.69	92.08
Absolute juice lost% fibre	57.00	68.70	31.59	68.38	53.85	74.81	60.70
Pol lost % fibre	7.88	8.44	4.74	8.79	7.82	9.31	8.02
Imbibition % cane	24.56	24.45	23.41	20.17	26.16	18.43	22.39
Imbibition % fibre	146.16	151.00	168.97	132.27	180.15	130.12	150.23
Bagasse % pol	3.51	3.74	2.23	3.78	3.37	3.85	3.47
Bagasse % moisture	50.65	50.59	50.06	51.97	49.69	53.55	51.23
1st. expressed juice: Brix	17.96	15.19	17.38	16.02	16.13	16.65	16.33
1st. expressed juice: Purity	82.96	80.42	86.98	82.26	85.31	83.39	83.53
Absolute juice: Brix	17.21	16.24	17.59	16.09	16.29	16.40	16.47
Absolute juice: Purity	80.30	77.83	85.25	79.97	83.28	81.37	81.35
Mixed juice: Brix	14.41	12.93	15.24	13.99	13.33	14.66	14.01
Mixed juice: purity	81.26	78.72	85.63	80.71	83.50	82.12	81.97
Reducing sugar/pol ratio	9.39	3.89	0.00	0.00	13.29	8.41	5.13
Last expressed juice: Brix	5.60	5.19	4.20	7.21	7.79	5.67	6.33
Last expressed juice: purity	73.21	72.58	77.95	75.13	80.76	76.14	76.43
Evaporator supply juice: Brix	14.48	12.45	15.04	13.75	11.15	14.81	13.42

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>							
Evaporator supply juice: Purity	81.63	80.84	85.56	80.43	82.16	81.61	81.80
Syrup: Brix	61.22	61.58	61.12	57.85	59.40	59.41	59.53
Syrup: Purity	82.54	82.14	86.67	80.53	82.97	81.95	82.43
Filter cake: Pol	2.91	2.71	4.31	3.17	0.98	3.82	2.89
Filter cake: Moisture	70.76	71.13	69.23	74.28	70.84	69.92	71.58
Filter cake % cane	2.96	2.00	3.04	2.41	4.03	3.95	3.06
<u>FINAL MOLASSES</u>							
Brix	82.69	84.88	83.80	83.61	84.70	87.12	84.53
Purity	36.50	33.74	31.93	36.36	30.53	36.47	34.21
Weight % cane	3.42	4.07	2.77	4.21	3.38	4.32	3.79
BHE Winter Carp	95.44	93.61	98.31	92.50	99.41	86.80	94.16
<u>COMMERCIAL SUGAR</u>							
Tonne							-
Pol export raw	98.84	99.23	98.89	99.07	98.84	98.92	98.98
Pol all sugar	98.84	99.13	98.89	99.12	98.94	98.93	99.01
Moisture: Export raw	0.45	0.61	0.28	0.18	0.30	0.21	0.29
Moisture: All sugar	0.45	0.61	0.28	0.17	0.30	0.18	0.29
<u>POL BALANCE</u>							
POL: Sugar	82.44	82.22	90.88	82.54	89.63	78.29	84.47
Molasses	10.30	13.01	7.36	13.38	8.19	13.53	11.27
Filter cake	0.82	0.60	1.07	0.80	0.39	1.50	0.84
To distillery	3.53	0.00	0.03	0.00	0.90	0.00	0.38
Undetermined	2.91	4.16	0.66	3.28	0.82	6.68	3.03

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

YEAR TO DATE TIME ACCOUNT

REPORT NO: FINAL

2013

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	ALL ISLAND
PERCENTAGE	G.A.T.	G.A.T.	G.A.T.	G.A.T.	G.A.T.	G.A.T.	G.A.T.
GROSS AVAILABLE TIME	100.00	100.00	100.00	100.00	100.00	100.00	100.00
WEEK END CLEANING	3.72	5.43	5.63	1.38	4.79	1.86	3.77
NET AVAILABLE TIME	96.28	94.57	94.37	98.62	95.21	98.14	96.23
(A) mechanical	7.90	7.09	0.74	11.18	2.58	12.28	7.02
(B) electrical	2.29	1.74	0.05	0.80	0.65	0.83	1.06
(C) knife choke	0.49	1.37	0.36	0.19	0.12	0.00	0.42
(D) mill choke	0.06	0.31	0.02	0.01	0.54	0.00	0.15
(E) steam	0.23	6.42	0.49	0.05	0.03	0.47	1.26
(F) process	1.55	0.06	0.17	0.31	0.00	0.11	0.37
(G) LABOUR							0.00
1. industrial dispute	0.00	0.34	0.00	0.00	0.00	0.00	0.06
2. other	3.37	1.12	0.00	0.28	0.44	0.68	0.98
(H) extraneous matter	0.48	0.72	0.17	0.28	0.14	2.86	0.78
(I) excessive cleaning	0.58	2.29	0.00	0.06	0.13	0.08	0.52
TOTAL FACTORY STOPPAGES	16.95	21.46	2.00	13.16	4.63	17.31	12.63
NON-FACTORY STOPPAGES							
(A) 1. public holiday	1.06	2.17	0.67	2.61	0.80	1.86	1.54
2. premeditated	2.57	2.69	0.00	29.36	1.46	8.96	7.65
(B) OUT OF CANE							
1. LABOUR							
a. industrial dispute	0.00	0.00	1.05	0.00	0.00	0.00	0.17
b. other	0.00	0.00	0.00	0.00	1.16	0.00	0.19
2. weather	2.88	8.18	3.14	0.00	2.43	3.59	3.35
3. transport	0.53	0.42	0.00	0.00	1.74	0.00	0.44
4. farmers deliveries	11.84	1.47	6.96	1.92	3.59	2.88	4.76
5. Estate deliveries	8.45	4.17	0.00	4.00	5.29	9.17	5.21
7. mechanical	0.00	0.00	0.00	0.00	3.55	0.00	0.59
(C) other J.P.S.	1.31	0.38	0.00	0.00	0.00	0.07	0.29
Poor water supply	0.00	0.00	0.00	0.00	0.00	0.31	0.05
TOTAL NON -FACT. STOPPAGES	32.36	24.91	17.45	39.27	24.81	28.70	28.01
TOTAL ALL CAUSES	49.31	46.37	19.45	52.43	29.44	46.01	40.64
ACTUAL TIME GRINDING	50.69	53.63	80.55	47.57	70.56	53.99	59.36
TIME GRND % NET AVAIL TIME	52.65	56.71	85.36	48.24	74.11	55.01	61.69

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

CANE QUALITY REPORT

FINAL 2013

	WORTHY PARK	MONY- MUSK	APPLE- TON	FROME	EVER GLADES	GOLDEN GROVE	AVG. TOTAL
TC REC'D AT CORE	193436.87	221017.00	297070.03	440170.00	75336.05	181510.00	1408539.95
T. 96 SUGAR MADE	22701.00	18501.00	29513.00	36700.00	6674.00	14107.00	128196.00
BRIX PRESS JUICE	19.47	18.47	17.84	17.95	17.54	16.77	18.04
POL PRESS JUICE	16.79	15.88	15.07	15.14	14.70	13.86	15.28
PURITY PRESS JUICE	86.24	85.97	84.47	84.35	83.80	82.64	84.64
PERCENTAGE TESTED	83.52	99.97	97.63	94.15	91.84	91.18	93.83
NO. OF SAMPLES TAKEN	14303	12696	13266	49050	6178	21061	116554
BRIX CRUSHER	17.28	16.65	16.13	16.02	17.96	15.19	16.31
POL CRUSHER	15.11	13.89	13.76	13.18	14.90	12.22	13.65
PURITY CRUSHER	87.44	83.42	85.31	82.27	82.96	80.45	83.60
FIBRE % CANE (CORE)	15.06	18.43	15.99	17.83	16.92	17.50	17.06
FIBRE % CANE (FACT.)	13.85	14.16	14.52	15.25	16.80	16.19	14.94
POL % CANE (CORE)	13.60	12.16	12.02	11.71	11.55	10.78	11.98
POL % CANE (FACT.)	12.92	11.45	11.60	10.91	11.50	10.31	11.37
J.R.C.S (CORE)	12.20	10.63	10.58	10.17	10.06	9.27	10.49
TC/TS (CORE)	8.20	9.41	9.45	9.83	9.94	10.79	9.54
TC/TS (FACT.)	8.52	11.95	9.96	11.99	10.88	12.87	11.13
R.C.S (FACT.)	11.74	8.37	10.04	8.34	9.19	7.77	9.14
F.R.I	96.20	80.43	95.32	84.04	92.10	84.66	88.03
O.E. (REPORTED)	93.65	78.72	92.14	84.37	87.92	85.71	86.76
RED. POL EXT. (CORE)	93.98	92.63	93.60	92.87	93.23	93.00	93.17
RED. POL EXT. (REPT.)	95.49	90.04	92.31	90.24	91.86	90.19	91.45
FILTER CAKE (STD) 0.60							
UNDT LOSS (STD) 1.30							
B.H.E (STD) 98.11							
B.H.E (REPORTED)	98.31	86.80	99.41	92.50	95.44	93.61	94.16
B.H.E (CALCULATED)	98.18	90.23	99.05	94.23	94.94	94.44	95.23
POL BALANCE							

% POL LOSS CANE YARD	5.00	5.83	3.54	6.89	0.44	4.37	5.09
% POL LOSS BAGASSE	4.82	10.84	8.82	11.45	11.46	12.68	10.05
% POL LOSS FILTER CAKE	0.97	1.24	0.35	0.65	0.72	0.50	0.71
% POL LOSS MOLASSES	6.64	11.28	9.92	10.93	9.08	10.81	10.07
% POL REC. SUGAR	82.00	65.24	79.40	67.40	75.36	68.20	72.13
% POL LOSS UNDT	0.57	5.57	-2.02	2.67	2.95	3.43	1.96

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT
FINAL 2013

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLETON	FROME	EVER GLADES	GOLDEN GROVE	AVG./TOTAL
Tonne Cane Rec'd at Core	0.00	193436.87	221017.00	297070.03	440170.00	75336.05	181510.00	1408539.95
Tonne 96 Sugar Made	0.00	22701.00	18501.00	29513.00	36700.00	6674.00	14107.00	128196.00
Pol % Cane (core)	0.00	13.60	12.16	12.02	11.71	11.55	10.78	11.98
Pol % Cane (fact.)	0.00	12.92	11.45	11.60	10.91	11.50	10.31	11.37
j.r.c.s (core)	0.00	12.20	10.63	10.58	10.17	10.06	9.27	10.49
r.c.s (fact)	0.00	11.74	8.37	10.04	8.34	9.19	7.77	9.14
Tc/Ts (fact)	0.00	8.52	11.95	9.96	11.99	10.88	12.87	11.13
% Pol Loss Cane Yard	0.00	5.00	5.83	3.54	6.89	0.44	4.37	5.09
Reduce Pol Ext. (Core)	0.00	93.98	92.63	93.60	92.87	93.23	93.00	93.17
Reduce Pol Ext. (Rept.)	0.00	95.49	90.04	92.31	90.24	91.86	90.19	91.45
B.H.E (Reported)	0.00	98.31	86.80	99.41	92.50	95.44	93.61	94.16
% Pol Loss Filter Cake	0.00	0.97	1.24	0.35	0.65	0.72	0.50	0.71
% Pol Loss Undetermined	0.00	0.57	5.57	-2.02	2.67	2.95	3.43	1.96
% Pol Loss Molasses	0.00	6.64	11.28	9.92	10.93	9.08	10.81	10.07
B.H.E. (Calculated)	0.00	98.18	90.23	99.05	94.23	94.94	94.44	95.23
Final Molasses Brix	0.00	83.80	87.12	84.70	83.61	82.69	84.88	84.53
Final Molasses Purity	0.00	31.93	36.47	30.53	36.36	36.50	33.74	34.21
F.R.I	0.00	96.20	80.43	95.32	84.04	92.10	84.66	88.03
Purity Press Juice	0.00	86.24	85.97	84.47	84.35	83.80	82.64	84.64

INCREASED PRODUCTION AND F.R.I FOR ADJUSTED CANE YARD LOSS 4 % STD.

Tonne Sugar	0.00	225.39	414.17	-139.46	1245.22	-258.90	59.80	1546.23
r.c.s	0.00	11.85	8.56	9.89	8.62	8.52	7.80	9.21
Tc/Ts	0.00	8.44	11.68	10.11	11.60	11.74	12.81	10.86
f.r.i	0.00	97.15	80.51	93.46	84.76	84.65	84.20	87.85

STD. R.P.E. AND 4% CANE YARD LOSS

Tonne Sugar	0.00	-348.21	607.03	399.24	1169.51	102.84	468.98	2399.39
r.c.s	0.00	11.67	8.83	10.02	8.89	8.65	8.06	9.38
Tc/Ts	0.00	8.57	11.32	9.98	11.25	11.56	12.40	10.66
f.r.i	0.00	95.67	83.09	94.73	87.38	86.00	86.98	89.47

STD. FILTER CAKE AT 4 % CANE YARD LOSS AND STD. R.P.E

Tonne Sugar	0.00	79.02	139.48	-73.54	21.61	8.43	-15.06	159.93
r.c.s	0.00	11.71	8.90	10.00	8.89	8.66	8.06	9.39
Tc/Ts	0.00	8.54	11.24	10.00	11.25	11.54	12.41	10.65
f.r.i	0.00	96.01	83.69	94.49	87.43	86.11	86.89	89.58

STD. UNDT. AT 4% CANE YARD LOSS, STD. R.P.E, STD. FILTER CAKE LOSS

Tonne Sugar	0.00	-157.85	928.33	-959.81	568.22	115.09	331.28	825.27
r.c.s	0.00	11.63	9.32	9.67	9.02	8.82	8.24	9.45
Tc/Ts	0.00	8.60	10.73	10.34	11.09	11.34	12.14	10.58
f.r.i	0.00	95.34	87.64	91.44	88.69	87.63	88.86	90.14

STD. MOL. LOSS (31.5 PTY) AT 4% CANE YARD LOSS AND STD. R.P.E.
FILTER CAKE AND UNDT. LOSS

Tonne Sugar	0.00	22.16	383.28	794.09	690.03	98.74	127.05	2115.35
Tot. Tonne 96 Sugar exp.	0.00	22521.52	20973.29	29533.53	40394.59	6740.20	15079.05	135242.17
r.c.s	0.00	11.64	9.49	9.94	9.18	8.95	8.31	9.60
Tc/Ts	0.00	8.59	10.54	10.06	10.90	11.18	12.04	10.41
f.r.i.(Minimum attainable)	0.00	95.43	89.27	93.97	90.24	88.93	89.62	91.57

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

FINAL 2013

FACTORY REVENUE AS A FUNCTION OF FACTORY RECOVERY INDEX (FRI)

	BERNARD LODGE		WORTHY PARK		MONYMUSK		APPLETON	
F.R.I	Actual 0.00	Standard 91.00	Actual 96.20	Standard 91.00	Actual 80.43	Standard 91.00	Actual 95.32	Standard 91.00
Tonne Cane Rec'd at Core	-	-	193,436.87	193,436.87	221,017.00	221,017.00	297,070.03	297,070.03
Price/Tonne Sugar(\$)	-	-	78,388.28	78,388.28	78,303.00	78,303.00	78,208.54	78,208.54
Crop Avg. JRCS	0.0000	0.0000	12.2000	12.2000	10.6300	10.6300	10.5800	10.5800
Tonne Sugar Produced	-	-	22,701.00	21,475.36	18,501.00	21,379.64	29,513.00	28,601.31
Tc/Ts	0.00	0.00	8.52	9.01	11.70	10.34	9.92	10.39
Total Revenue from Sugar(\$)	\$0	\$0	\$1,779,492,344	\$1,683,416,635	\$1,448,683,803	\$1,674,089,752	\$2,308,168,641	\$2,236,866,568
Price/Tonne Cane(\$)	\$0.00	\$0.00	\$5,875.79	\$5,875.79	\$4,750.69	\$4,750.69	\$4,709.37	\$4,709.37
Total Revenue to Supplies(\$) *	\$0	\$0	\$1,136,595,169	\$1,136,595,169	\$1,049,982,478	\$1,049,982,478	\$1,399,012,887	\$1,399,012,887
Supplier's Share (%)	0.00	0.00	63.87	67.52	72.48	62.72	60.61	62.54
Total Revenue to Factory(\$)	\$0	\$0	\$642,897,175	\$546,821,466	\$398,701,325	\$624,107,274	\$909,155,754	\$837,853,681
Factory Share(%)	0.00	0.00	36.13	32.48	27.52	37.28	39.39	37.46
Factory Gain/Loss for FRI Above/Below 91(\$)	\$0.00	\$0.00	\$96,075,709.01	\$0.00	(\$225,405,949.11)	\$0.00	\$71,302,073.01	\$0.00

	FROME		EVERGLADES		GOLDEN GROVE		AVERAGE/TOTAL	
F.R.I	Actual 84.04	Standard 91.00	Actual 92.10	Standard 91.00	Actual 84.66	Standard 91.00	Actual 88.03	Standard 91.00
Tonne Cane Rec'd at Core	440,170.00	440,170.00	75,336.05	75,336.05	181,510.00	181,510.00	1,408,539.95	1,408,539.95
Price/Tonne Sugar(\$)*	78,303.00	78,303.00	78,150.08	78,150.08	78,348.83	78,348.83	78,283.62	78,283.62
Crop Avg. JRCS	10.1700	10.1700	10.0600	10.0600	9.2700	9.2700	10.4856	10.4856
Tonne Sugar Produced	36,700.00	40,736.41	6,674.00	6,896.71	14,107.00	15,311.64	128,196.00	134,401.07
Tc/Ts	11.70	10.81	10.79	10.92	12.74	11.85	10.83	10.48
Total Revenue from Sugar(\$)	\$2,873,720,100	\$3,189,783,346	\$521,573,634	\$538,978,753	\$1,105,266,945	\$1,199,649,007	\$10,035,647,163	\$10,521,402,767
Price/Tonne Cane(\$)	\$4,422.91	\$4,422.91	\$4,336.04	\$4,336.04	\$3,783.82	\$3,783.82	\$4,646.62	\$4,646.62
Total Revenue to Supplies(\$) *	\$1,946,832,357	\$1,946,832,357	\$326,660,450	\$326,660,450	\$686,801,515	\$686,801,515	\$6,544,955,367	\$6,544,955,367
Supplier's Share (%)	67.75	61.03	62.63	60.61	62.14	57.25	65.22	62.21
Total Revenue to Factory(\$)	\$926,887,743	\$1,242,950,989	\$194,913,184	\$212,318,304	\$418,465,430	\$512,847,491	\$3,490,691,796	\$3,976,447,400
Factory Share(%)	32.25	38.97	37.37	39.39	37.86	42.75	34.78	37.79
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$316,063,246.36)	\$0.00	(\$17,405,119.52)	\$0.00	(\$94,382,061.71)	\$0.00	(\$485,878,594.67)	\$0.00

***STANDARD JRCS = 10.4287

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

BASE PRICE PER TONNE SUGAR IS \$ 76,005.00

Date Printed:

Tuesday, November 12, 2013

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

FINAL MOLASSES REPORT

2013

	FACTORY			SIRI					
	HYDROMETER BRIX	PURITY	POL	HYDROMETER BRIX	PURITY	REFRACTOMETER BRIX	POL	PURITY	ASH
APPLETON	84.65	29.75	25.18	85.28	31.25	79.41	26.72	33.67	14.32
FROME	83.76	36.17	30.29	83.69	36.61	81.38	31.36	37.63	8.23
EVERGLADES	82.77	36.18	29.95	84.07	35.94	80.70	30.18	37.43	10.28
MONYMUSK	87.16	36.37	31.69	85.98	38.08	80.34	32.73	40.50	13.94
BERNARD LODGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOLDEN GROVE	84.75	33.63	28.51	84.53	32.49	80.08	27.45	34.28	13.08
WORTHY PARK	83.78	30.69	25.71	86.35	28.85	82.76	24.91	30.11	13.35
AVERAGE	84.60	34.01	28.77	84.83	34.39	80.80	29.42	36.06	11.67

-- ***Worthy Park - Refractometer Brix & Purity for Factory*