

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

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SUGAR QUALITY REPORT NO:

FINAL 2014

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-	MOISTURE	SAFETY	COLOUR	COLOUR	INSOLUBLE	GRAIN	DEXTRAN	ASH	REDUCING
			TION									
			%	%	(C)	IU	IU	MG/KG	28MESH(T)			%
APPLETON	E	31443.52	98.79	0.42	0.34	1592.01	3364.29	176.79	34.49	580.79	0.32	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	31443.52	98.79	0.42	0.34	#N/A	3364.29	176.79	#N/A	#N/A	0.32	#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	7174.15	98.73	0.49	0.39	1347.85	2912.00	531.03	33.90	638.06	0.25	0.39
	L	8925.45	98.88	0.45	0.40	#N/A	2572.96	300.98	#N/A	#N/A	0.25	#N/A
	A	16099.60	98.81	0.47	0.39	#N/A	2724.04	403.49	#N/A	#N/A	0.25	#N/A
FROME	E	11063.41	98.64	0.53	0.39	1107.26	2465.70	179.46	45.26	932.84	0.25	0.52
	L	25266.59	98.62	0.53	0.38	#N/A	2477.64	198.51	#N/A	#N/A	0.26	#N/A
	A	36330.00	98.62	0.53	0.38	#N/A	2474.00	192.71	#N/A	#N/A	0.26	#N/A
EVERGLADES	E	10586.30	99.18	0.32	0.39	938.28	1573.85	353.13	26.22	671.42	0.19	0.30
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	10586.30	99.18	0.32	0.39	#N/A	1573.85	353.13	#N/A	#N/A	0.19	#N/A
MONYMUSK	E	550.37	98.90	0.33	0.30	0.00	2528.87	666.05	0.00	604.68	0.35	0.32
	L	20957.00	99.04	0.28	0.29	#N/A	2503.42	428.09	#N/A	#N/A	0.33	#N/A
	A	21507.37	99.04	0.28	0.29	#N/A	2504.07	434.18	#N/A	#N/A	0.33	#N/A
WORTHY PARK	E	25342.82	99.17	0.23	0.28	1096.82	2393.52	133.28	26.38	298.84	0.23	0.33
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	25342.82	99.17	0.23	0.28	#N/A	2393.52	133.28	#N/A	#N/A	0.23	#N/A
TOTALS & AVERAGES	E	86160.57	98.92	0.37	0.34	1273.29	2700.39	218.63	32.20	559.12	0.27	0.39
	L	55149.04	98.82	0.42	0.36	#N/A	2502.86	302.34	#N/A	#N/A	0.28	#N/A
	A	141309.61	98.88	0.39	0.35	#N/A	2623.30	251.30	#N/A	#N/A	0.27	#N/A

REMARKS:

A=AVERAGE OR TOTAL

E=EXPORT SUGAR
L=LOCAL SUGAR
NA=NOT AVAILABLE

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FACTORY TECHNOLOGY DIVISION

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

		FACTORIES			SIRI LAB		DIFFERENCES	
		TONNES COMMER. SUGAR	%POL.	MOISTURE	%POL.	MOISTURE	%POL.	TONNES 96 SUGAR
FACTORIES								
APPLETON	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	31443.52	98.74	0.37	98.79	0.42	0.05	32.18
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	614.63	98.19	0.68	98.31	0.55	0.12	0.77
	TO DATE	16099.60	98.62	0.51	98.81	0.47	0.19	45.23
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	36330.00	98.70	0.31	98.62	0.53	-0.08	-4.01
EVER GLADES	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	10586.30	98.91	0.35	99.18	0.32	0.27	44.14
MONYMUSK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	21507.37	98.67	0.21	99.04	0.28	0.37	142.75
WORTHY PARK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	25342.82	99.03	0.24	99.17	0.23	0.14	54.92
TOTALS & AVERAGES	WEEK	614.63	98.19	0.68	98.31	0.55	0.12	0.77
	TO DATE	141309.61	98.77	0.32	98.88	0.39	0.11	310.63

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

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		PROJECTED PENALTY OR PREMIUM APPLIED TO BASIS PRICE ON TOTAL EXPORT BASED ON AMSTAR CONTRACT								TO-DATE	BASE PRICE PER TONNE (US\$)	REMARKS
		=====								=====	490.16	
FACTORIES		EXPORT WEIGHT (TONNES)	POLARIZA- TION	SAFETY FACTOR	GRAIN SIZE	COLOUR AFF. RAW	COLOUR WHOLE RAW	DEXTRAN	ASH	TOTAL PEN/PREM (US\$)		
APPLETON	WEEK	0	0	0	0	0	0	0	0	0		
	TO DATE	31444	566625	-385053	4633	-37165	245	-519057	-21705	-391477		
BERNARD LODGE	WEEK	0	0	0	0	0	0	0	0	0		
	TO DATE	0	0	0	0	0	0	0	0	0		
GOLDEN- GROVE	WEEK	107	1582	-1674	0	-183	0	-3450	-10	-3735		
	TO DATE	7174	126513	-124173	6666	-228	228	-143040	-1694	-135728		
FROME	WEEK	0	0	0	0	0	0	0	0	0		
	TO DATE	11063	189051	-177989	56519	405	1062	-422726	-2435	-356113		
EVER GLADES	WEEK	0	0	0	0	0	0	0	0	0		
	TO DATE	10586	202737	-169185	2153	984	2664	-238824	-3519	-202990		
MONYMUSK	WEEK	0	0	0	0	0	0	0	0	0		
	TO DATE	550	10102	-2774	1484	1748	46	-9329	-492	786		
WORTHY PARK	WEEK	0	0	0	0	0	0	0	0	0		
	TO DATE	25343	487889	-110064	5355	-2502	2763	-174095	-10526	198821		
TOTAL	WEEK	107	1582	-1674	0	-183	0	-3450	-10	-3735		
	TO DATE	86161	1582917	-969238	76810	-36758	7008	-1507071	-40370	-886702		

REMARKS:

NA=NOT AVAILABLE

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

(AS REPORTED BY THE FACTORIES)

2014

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>							
Estate Received	73,734.34	112,789.06	98,504.10	251,454.75	296,380.80	180,213.84	1,013,076.89
Farmer's Received	64,117.84	142,234.48	148,577.41	254,495.78	75,905.88	89,963.23	775,294.62
Total Received	137,852.18	255,023.54	247,081.51	505,950.53	372,286.68	270,177.07	1,788,371.51
Ground for sugar	131,110.62	252,658.51	247,018.94	505,950.53	369,801.63	270,177.07	1,776,717.30
Ground for distillery	6,363.74	0.00	62.57	0.00	2,485.05	0.00	8,911.36
Ground for other	168.82	2,365.03	0.00	0.00	0.00	0.00	2,533.85
Total ground	137,643.18	255,023.54	247,081.51	505,950.53	372,286.68	270,177.07	1,788,162.51
Percent pol	11.61	10.21	12.44	10.31	11.20	11.92	11.12
Percent fibre	17.16	18.90	13.04	15.28	14.15	14.42	15.27
Tonne/Tonne 96° sugar	11.29	13.14	8.93	13.11	10.91	11.70	11.73
Tonne 96° sugar	11,724.00	19,403.00	27,650.00	38,603.00	33,890.00	23,091.00	154,361.00
Lit. oil/ tonne 96° sugar	12.20	0.00	0.00	17.97	14.53	41.91	15.38

MILLING

Tonne cane/hour	74.23	85.15	69.18	189.37	137.29	162.61	134.15
Tonne fibre/hour	12.66	16.10	9.02	28.94	19.43	23.45	20.29
Pol extraction	89.51	85.92	94.80	88.72	89.83	87.56	89.28
Reduced pol extraction	92.72	91.38	95.05	91.07	91.19	89.46	91.57
Wholly reduced extraction	92.87	92.40	95.03	92.39	91.95	89.72	92.30
Absolute juice lost% fibre	50.95	60.33	34.68	62.63	61.69	79.41	59.88
Pol lost % fibre	7.13	7.60	4.97	7.61	8.73	10.28	7.84
Imbibition % cane	23.40	28.03	21.78	25.38	26.90	17.97	24.30
Imbibition % fibre	137.15	148.28	166.92	166.08	190.05	124.56	160.15
Bagasse % pol	3.23	3.32	2.31	3.29	3.68	4.34	3.39
Bagasse % moisture	50.32	51.67	50.58	52.19	49.65	52.08	51.20
1st. expressed juice: Brix	17.82	14.92	16.55	14.48	15.85	17.32	15.80
1st. expressed juice: Purity	82.66	78.95	86.63	81.69	84.73	83.77	83.00
Absolute juice: Brix	17.43	16.40	16.82	15.34	15.86	17.06	16.22
Absolute juice: Purity	80.26	76.74	85.08	79.31	82.25	81.63	80.78
Mixed juice: Brix	14.94	13.32	14.74	12.66	12.69	15.10	13.59
Mixed juice: purity	81.12	77.74	85.36	80.16	82.51	82.49	81.45
Reducing sugar/pol ratio	9.16	24.19	0.00	0.00	8.58	8.76	7.27
Last expressed juice: Brix	6.09	5.74	3.83	7.07	6.86	6.79	6.27
Last expressed juice: purity	73.73	71.26	77.39	73.35	80.03	76.05	75.44
Evaporator supply juice: Brix	14.90	12.89	14.48	12.51	9.71	15.41	12.88

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>							
Evaporator supply juice: Purity	81.34	79.69	84.94	80.13	78.95	81.67	80.81
Syrup: Brix	61.98	62.28	60.20	55.06	57.04	58.12	58.21
Syrup: Purity	82.33	81.17	85.83	80.39	80.66	82.21	81.73
Filter cake: Pol	2.26	3.81	4.35	3.25	2.05	3.09	3.13
Filter cake: Moisture	72.04	72.32	69.24	72.07	74.45	69.72	71.85
Filter cake % cane	4.06	2.16	3.08	2.63	4.92	3.97	3.41
<u>FINAL MOLASSES</u>							
Brix	82.30	84.30	83.65	80.75	84.87	87.13	83.60
Purity	35.02	34.18	33.29	34.58	36.36	37.14	35.14
Weight % cane	3.54	4.15	3.50	4.29	3.63	4.56	4.01
BHE Winter Carp	90.26	94.50	98.32	89.14	95.47	85.92	92.09
<u>COMMERCIAL SUGAR</u>							
Tonne	11,236.00	18,677.00	26,485.00	37,127.00	32,533.00	22,213.00	148,271.00
Pol export raw	98.90	98.56	99.04	98.70	98.74	0.00	83.84
Pol all sugar	98.90	98.59	99.04	98.70	98.74	98.65	98.75
Moisture: Export raw	0.35	0.53	0.23	0.32	0.38	0.00	0.30
Moisture: All sugar	0.35	0.53	0.23	0.32	0.38	0.21	0.34
<u>POL BALANCE</u>							
POL: Sugar	77.72	82.32	90.02	79.22	85.79	77.72	82.18
Molasses	10.02	13.62	8.26	13.10	11.20	14.15	12.03
Filter cake	0.84	0.94	1.13	0.93	0.71	1.17	0.94
To distillery	3.62	0.00	0.03	0.00	0.53	0.00	0.39
Undetermined	7.80	3.12	0.56	6.75	1.77	6.96	4.45

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FACTORY TECHNOLOGY DIVISION

YEAR TO DATE TIME ACCOUNT

REPORT NO: FINAL

2014

	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	1.52	5.50	5.68	1.43	6.05	4.37	4.05
NET AVAILABLE TIME	98.48	94.50	94.32	98.57	93.95	95.63	95.95
(A) mechanical	3.54	4.23	2.27	4.44	5.90	17.28	6.27
(B) electrical	0.34	1.37	0.08	1.07	1.22	1.05	0.85
(C) knife choke	0.49	0.23	0.36	0.51	0.55	0.03	0.36
(D) mill choke	0.20	0.18	0.02	0.00	0.53	0.07	0.17
(E) steam	1.68	3.43	0.53	0.87	0.35	1.18	1.34
(F) process	1.26	0.81	0.30	0.20	0.10	0.00	0.45
(G) LABOUR							0.00
1. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. other	2.85	0.89	0.00	0.31	0.68	1.07	0.98
(H) extraneous matter	2.08	0.80	0.13	2.09	0.38	5.03	1.76
(I) excessive cleaning	0.57	0.16	0.00	0.15	0.23	0.25	0.23
TOTAL FACTORY STOPPAGES	13.01	12.10	3.69	9.64	9.94	25.96	12.41
NON-FACTORY STOPPAGES							
(A) 1. public holiday	0.76	1.76	0.58	1.99	0.66	0.00	0.96
2. premeditated	4.33	0.97	0.00	3.31	0.77	0.00	1.59
(B) OUT OF CANE							
1. LABOUR							
a. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. other	0.00	0.00	0.00	0.00	0.28	0.54	0.14
2. weather	5.30	15.91	0.95	6.44	4.49	0.84	5.65
3. transport	0.30	0.76	2.68	0.00	2.86	0.00	1.08
4. farmers deliveries	8.51	3.47	0.00	1.94	0.00	1.02	2.53
5. Estate deliveries	7.25	4.54	0.00	1.41	0.01	1.74	2.52
7. mechanical	0.00	0.00	0.00	0.00	0.13	0.06	0.03
(C) other J.P.S.	0.28	0.15	0.00	0.00	0.00	0.03	0.08
Poor water supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NON -FACT. STOPPAGES	28.25	33.06	9.89	16.52	15.25	8.60	18.63
TOTAL ALL CAUSES	41.26	45.16	13.58	26.16	25.19	34.56	31.04
ACTUAL TIME GRINDING	58.74	54.84	86.42	73.84	74.81	65.44	68.96
TIME GRND % NET AVAIL TIME	59.65	58.03	91.62	74.91	79.63	68.43	71.87

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

CANE QUALITY REPORT

FINAL 2014

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLE- TON	FROME	EVER GLADES	GOLDEN GROVE	AVG. TOTAL
TC REC'D AT CORE	0.00	247081.51	264789.96	371458.55	484121.64	137683.36	252658.51	1757793.53
T. 96 SUGAR MADE (Core)	0.00	27650.00	23091.00	33890.00	38603.00	11724.00	19403.00	154361.00
BRIX PRESS JUICE	0.00	18.39	18.94	17.03	16.35	17.51	16.29	17.25
POL PRESS JUICE	0.00	15.74	16.41	14.32	13.45	14.70	13.36	14.49
PURITY PRESS JUICE	0.00	85.59	86.64	84.08	82.26	83.95	81.40	83.78
PERCENTAGE TESTED	0.00	84.81	99.45	96.47	91.29	94.41	91.58	92.99
NO. OF SAMPLES TAKEN	0	16453	17518	18782	52225	9692	26424	141094
BRIX CRUSHER	0.00	16.55	17.32	15.85	14.48	17.82	14.92	15.81
POL CRUSHER	0.00	14.34	14.51	13.43	11.83	14.73	11.78	13.14
PURITY CRUSHER	0.00	86.65	83.78	84.73	81.70	82.66	78.95	83.03
FIBRE % CANE (CORE)	0.00	14.96	18.62	16.35	17.84	16.58	17.47	17.09
FIBRE % CANE (FACT.)	0.00	13.04	14.42	14.15	15.28	17.06	18.90	15.26
POL % CANE (CORE)	0.00	12.77	12.53	11.36	10.40	11.61	10.40	11.35
POL % CANE (FACT.)	0.00	12.44	11.92	11.20	10.31	11.61	10.21	11.13
J.R.C.S (CORE)	0.00	11.41	10.99	9.96	8.91	10.15	8.79	9.88
TC/TS (CORE)	0.00	8.76	9.10	10.04	11.22	9.85	11.38	10.13
TC/TS (FACT.)	0.00	8.93	11.70	10.91	13.11	11.29	13.14	11.71
R.C.S (FACT.)	0.00	11.19	8.55	9.17	7.63	8.86	7.61	8.69
F.R.I	0.00	98.34	79.35	92.22	80.60	87.23	87.36	86.85
O.E. (REPORTED)	0.00	93.43	77.09	87.78	82.36	83.82	87.32	85.09
RED. POL EXT. (CORE)	0.00	94.02	92.55	93.46	92.86	93.37	93.01	93.17
RED. POL EXT. (REPT.)	0.00	95.05	89.46	91.19	91.07	92.72	91.38	91.59
FILTER CAKE (STD) 0.60								
UNDT LOSS (STD) 1.30								
B.H.E (STD) 98.11								
B.H.E (REPORTED)	0.00	98.32	85.92	95.47	89.14	90.26	94.50	92.14
B.H.E (CALCULATED)	0.00	97.88	89.98	96.07	91.30	90.50	94.94	93.50
POL BALANCE								

% POL LOSS CANE YARD	0.00	2.60	2.93	1.19	-3.52	0.10	0.92	0.23
% POL LOSS BAGASSE	0.00	5.06	12.08	10.05	11.68	10.48	13.95	10.70
% POL LOSS FILTER CAKE	0.00	1.05	1.00	0.63	0.86	0.75	15.16	2.91
% POL LOSS MOLASSES	0.00	7.63	12.03	11.06	12.03	8.96	11.60	10.90
% POL REC. SUGAR	0.00	83.14	66.06	76.66	72.75	72.26	70.08	73.61
% POL LOSS UNDT	0.00	0.52	5.91	0.42	6.20	7.45	-11.71	1.66

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT
FINAL 2014

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLETON	FROME	EVER GLADES	GOLDEN GROVE	AVG./TOTAL
Tonne Cane Rec'd at Core	0.00	247081.51	264789.96	371458.55	484121.64	137683.36	252658.51	1757793.53
Tonne 96 Sugar Made (Core)	0.00	27650.00	23091.00	33890.00	38603.00	11724.00	19403.00	154361.00
Pol % Cane (core)	0.00	12.77	12.53	11.36	10.40	11.61	10.40	11.35
Pol % Cane (fact.)	0.00	12.44	11.92	11.20	10.31	11.61	10.21	11.13
j.r.c.s (core)	0.00	11.41	10.99	9.96	8.91	10.15	8.79	9.88
r.c.s (fact)	0.00	11.19	8.55	9.17	7.63	8.86	7.61	8.69
Tc/Ts (fact)	0.00	8.93	11.70	10.91	13.11	11.29	13.14	11.71
% Pol Loss Cane Yard	0.00	2.60	2.93	1.19	-3.52	0.10	0.92	0.23
Reduce Pol Ext. (Core)	0.00	94.02	92.55	93.46	92.86	93.37	93.01	93.17
Reduce Pol Ext. (Rept.)	0.00	95.05	89.46	91.19	91.07	92.72	91.38	91.59
B.H.E (Reported)	0.00	98.32	85.92	95.47	89.14	90.26	94.50	92.14
% Pol Loss Filter Cake	0.00	1.05	1.00	0.63	0.86	0.75	15.16	2.91
% Pol Loss Undetermined	0.00	0.52	5.91	0.42	6.20	7.45	-11.71	1.66
% Pol Loss Molasses	0.00	7.63	12.03	11.06	12.03	8.96	11.60	10.90
B.H.E. (Calculated)	0.00	97.88	89.98	96.07	91.30	90.50	94.94	93.50
Final Molasses Brix	0.00	83.65	87.13	84.87	80.75	82.30	84.30	83.62
Final Molasses Purity	0.00	33.29	37.14	36.36	34.58	35.02	34.18	35.14
F.R.I	0.00	98.34	79.35	92.22	80.60	87.23	87.36	86.85
Purity Press Juice	0.00	85.59	86.64	84.08	82.26	83.95	81.40	83.78

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

Tonne Sugar	0.00	-376.61	-300.94	-994.25	-3115.62	-522.62	-663.11	-5973.15
r.c.s	0.00	11.04	8.61	8.86	7.33	8.14	7.42	8.44
Tc/Ts	0.00	9.06	11.62	11.29	13.64	12.29	13.48	11.85
f.r.i	0.00	96.74	78.32	88.91	82.27	80.15	84.38	85.47

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

Tonne Sugar	0.00	-284.01	898.90	824.98	768.40	88.99	362.29	2659.55
r.c.s	0.00	10.92	8.95	9.08	7.49	8.20	7.56	8.59
Tc/Ts	0.00	9.15	11.18	11.02	13.35	12.19	13.23	11.64
f.r.i	0.00	95.73	81.40	91.14	84.05	80.79	86.01	87.00

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

Tonne Sugar	0.00	115.44	107.41	10.65	102.29	19.80	3006.55	3362.15
r.c.s	0.00	10.97	8.99	9.08	7.51	8.21	8.75	8.78
Tc/Ts	0.00	9.12	11.13	11.01	13.32	12.17	11.43	11.38
f.r.i	0.00	96.14	81.77	91.17	84.29	80.93	99.55	88.94

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

Tonne Sugar	0.00	-202.50	1241.27	-298.87	1948.09	789.83	-2686.29	791.54
r.c.s	0.00	10.89	9.46	9.00	7.91	8.79	7.69	8.83
Tc/Ts	0.00	9.18	10.58	11.11	12.64	11.38	13.01	11.33
f.r.i	0.00	95.43	86.04	90.36	88.80	86.58	87.45	89.40

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	120.11	563.95	958.42	488.13	131.41	214.46	2476.47
Tot. Tonne 96 Sugar exp.	0.00	27022.43	25601.60	34390.93	38794.30	12231.40	19636.91	157677.57
r.c.s	0.00	10.94	9.67	9.26	8.01	8.88	7.77	8.97
Tc/Ts	0.00	9.14	10.34	10.80	12.48	11.26	12.87	11.15
f.r.i.(Minimum attainable)	0.00	95.85	87.98	92.96	89.94	87.52	88.42	90.82

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

FINAL 2014

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 98.34	Standard 91.00	Actual 79.35	Standard 91.00	Actual 92.22	Standard 91.00
Tonne Cane Rec'd at Core	-	-	247,081.51	247,081.51	264,789.96	264,789.96	371,458.55	371,458.55
Price/Tonne Sugar(\$)	-	-	80,161.48	80,161.48	80,020.00	80,020.00	79,906.90	79,906.90
Crop Avg. JRCS	0.0000	0.0000	11.4100	11.4100	10.9900	10.9900	9.9600	9.9600
Tonne Sugar Produced	-	-	27,650.00	25,654.72	23,091.00	26,481.38	33,890.00	33,667.52
Tc/Ts	0.00	0.00	8.91	9.63	11.47	10.00	10.89	11.03
Total Revenue from Sugar(\$)	\$0	\$0	\$2,216,464,922	\$2,056,520,345	\$1,847,741,820	\$2,119,039,956	\$2,708,044,841	\$2,690,266,925
Price/Tonne Cane(\$)	\$0.00	\$0.00	\$5,518.44	\$5,518.44	\$5,202.86	\$5,202.86	\$4,446.54	\$4,446.54
Total Revenue to Supplies(\$) *	\$0	\$0	\$1,363,503,630	\$1,363,503,630	\$1,377,665,195	\$1,377,665,195	\$1,651,705,045	\$1,651,705,045
Supplier's Share (%)	0.00	0.00	61.52	66.30	74.56	65.01	60.99	61.40
Total Revenue to Factory(\$)	\$0	\$0	\$852,961,292	\$693,016,716	\$470,076,625	\$741,374,762	\$1,056,339,796	\$1,038,561,880
Factory Share(%)	0.00	0.00	38.48	33.70	25.44	34.99	39.01	38.60
Factory Gain/Loss for FRI Above/Below 91(\$)	\$0.00	\$0.00	\$159,944,576.59	\$0.00	(\$271,298,136.35)	\$0.00	\$17,777,915.82	\$0.00

	FROME		EVERGLADES		GOLDEN GROVE		AVERAGE/TOTAL	
F.R.I	Actual 80.60	Standard 91.00	Actual 87.23	Standard 91.00	Actual 87.36	Standard 91.00	Actual 86.85	Standard 91.00
Tonne Cane Rec'd at Core	484,121.64	484,121.64	137,683.36	137,683.36	252,658.51	252,658.51	1,757,793.53	1,757,793.53
Price/Tonne Sugar(\$)*	80,020.00	80,020.00	80,169.35	80,169.35	79,925.73	79,925.73	80,020.01	80,020.01
Crop Avg. JRCS	8.9100	8.9100	10.1500	10.1500	8.7900	8.7900	9.8765	9.8765
Tonne Sugar Produced	38,603.00	39,253.07	11,724.00	12,717.12	19,403.00	20,209.90	154,361.00	157,983.71
Tc/Ts	13.92	12.33	11.29	10.83	13.02	12.50	11.66	11.13
Total Revenue from Sugar(\$)	\$3,089,012,060	\$3,141,030,397	\$939,905,459	\$1,019,523,529	\$1,550,798,939	\$1,615,291,135	\$12,351,968,042	\$12,641,857,180
Price/Tonne Cane(\$)	\$3,688.24	\$3,688.24	\$4,599.76	\$4,599.76	\$3,596.62	\$3,596.62	\$4,392.03	\$4,392.03
Total Revenue to Supplies(\$) *	\$1,785,557,683	\$1,785,557,683	\$633,309,936	\$633,309,936	\$908,716,116	\$908,716,116	\$7,720,281,429	\$7,720,281,429
Supplier's Share (%)	57.80	56.85	67.38	62.12	58.60	56.26	62.50	61.07
Total Revenue to Factory(\$)	\$1,303,454,377	\$1,355,472,713	\$306,595,524	\$386,213,593	\$642,082,823	\$706,575,019	\$4,631,686,613	\$4,921,575,751
Factory Share(%)	42.20	43.15	32.62	37.88	41.40	43.74	37.50	38.93
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$52,018,336.76)	\$0.00	(\$79,618,069.18)	\$0.00	(\$64,492,195.93)	\$0.00	(\$289,704,245.82)	\$0.00

***STANDARD JRCS = 10.5456

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

BASE PRICE PER TONNE SUGAR IS

\$ 78,003.27

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

MOLASSES REPORT

RUN 0

FINAL 2014

	FACTORY			SIRI						
	HYDROMETER BRIX	PURITY	POL	HYDROMETER BRIX	PURITY	REFRACTOMETER BRIX	POL	PURITY	ASH	
APPLETON	84.83	36.02	30.58	85.90	36.87	81.14	31.67	38.98	12.61	
FROME	80.81	34.69	28.03	80.14	41.04	77.49	32.79	42.32	7.50	
EVERGLADES	82.16	34.54	28.38	84.91	31.99	81.55	27.11	33.22	10.69	
MONYMUSK	86.77	36.63	31.77	85.77	40.64	80.94	34.86	42.78	13.28	
BERNARD LODGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOLDEN GROVE	84.57	33.31	28.16	79.64	31.36	76.30	26.73	32.71	11.58	
WORTHY PARK	83.59	32.12	26.84	86.51	28.91	83.30	24.98	29.99	13.74	
AVERAGE	83.55	34.77	29.07	83.30	36.75	79.65	30.77	38.32	11.02	

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