

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

WEEKLY SUGAR QUALITY REPORT NO:

FINAL

2010

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	27360.89	98.57	0.33	0.23	1443.21	2700.37	153.92	36.72	147.15	0.37	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	27360.89	98.57	0.33	0.23	#N/A	2700.37	153.92	#N/A	#N/A	0.37	#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	7575.98	98.47	0.48	0.32	1357.72	2448.95	467.56	36.69	387.10	0.30	0.34
	L	4488.05	98.53	0.40	0.27	#N/A	2120.52	442.86	#N/A	#N/A	0.26	#N/A
	A	12064.03	98.49	0.44	0.29	#N/A	2326.77	458.37	#N/A	#N/A	0.28	#N/A
FROME	E	24196.97	98.51	0.32	0.22	1056.60	2180.84	208.74	36.62	267.84	0.31	0.40
	L	14695.17	98.44	0.35	0.22	#N/A	2263.98	198.80	#N/A	#N/A	0.33	#N/A
	A	38892.14	98.48	0.33	0.22	#N/A	2212.26	204.99	#N/A	#N/A	0.32	#N/A
EVERGLADES	E	1245.45	97.98	0.61	0.30	1299.60	2729.11	720.13	10.72	446.67	0.44	0.42
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	1245.45	97.98	0.61	0.30	#N/A	2729.11	720.13	#N/A	#N/A	0.44	#N/A
MONYMUSK	E	11184.59	98.45	0.41	0.26	1162.49	2285.19	313.09	31.93	359.85	0.44	0.31
	L	4088.00	98.35	0.46	0.28	#N/A	2645.74	442.73	#N/A	#N/A	0.49	#N/A
	A	15272.59	98.43	0.42	0.27	#N/A	2381.70	347.79	#N/A	#N/A	0.45	#N/A
WORTHY PARK	E	18815.62	98.62	0.28	0.20	1064.85	2527.69	294.20	37.95	90.79	0.36	0.35
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	18815.62	98.62	0.28	0.20	#N/A	2527.69	294.20	#N/A	#N/A	0.36	#N/A
TOTALS & AVERAGES	E	90379.50	98.54	0.34	0.23	1217.05	2453.27	251.59	36.00	218.29	0.36	0.35
	L	23271.22	98.44	0.38	0.24	#N/A	2303.38	288.72	#N/A	#N/A	0.35	#N/A
	A	113650.72	98.52	0.35	0.24	#N/A	2422.58	259.19	#N/A	#N/A	0.35	#N/A

REMARKS:

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

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

WEEKLY SUGAR QUALITY REPORT NO:

FINAL

2010

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	27360.89	98.67	0.37	98.57	0.33	-0.10	-48.33
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	12064.03	98.83	0.45	98.49	0.44	-0.33	-67.32
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	38892.14	98.72	0.26	98.48	0.33	-0.24	-131.28
EVER GLADES	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	1245.45	98.46	0.60	97.98	0.61	-0.47	-11.39
MONYMUSK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	15272.59	98.34	0.40	98.43	0.42	0.09	15.57
WORTHY PARK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	18815.62	98.65	0.24	98.62	0.28	-0.02	-2.13
TOTALS & AVERAGES	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	113650.72	98.66	0.32	98.52	0.35	-0.14	-236.69

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

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

(AS REPORTED BY THE FACTORIES)

2010

	EVER GLADES	GOLDEN GROVE	BERNARD LODGE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>								
Estate Rec'd	18,109.52	66,113.33	0.00	81,237.40	239,179.86	238,180.38	174,808.02	817,628.51
Farmer's Rec'd	16,736.26	98,593.14	0.00	103,315.77	239,844.14	60,590.59	62,447.48	581,527.38
Total Rec'd	34,845.78	164,706.47	0.00	184,553.17	479,024.00	298,770.97	237,255.50	1,399,155.89
Grnd for sugar	29,260.13	159,120.70	0.00	184,504.33	479,024.00	296,657.50	237,255.50	1,385,822.16
Grnd for distillery	2,839.16	0.00	0.00	48.84	0.00	2,078.85	0.00	4,966.85
Grnd for other	538.16	4,459.56	0.00	0.00	0.00	0.00	0.00	4,997.72
Total ground	32,637.45	163,580.26	0.00	184,553.17	479,024.00	298,736.35	237,255.50	1,395,786.73
Percent pol	10.77	10.96	0.00	12.55	10.67	11.56	10.01	11.03
Percent fibre	17.05	15.07	0.00	12.71	15.16	14.14	14.48	14.54
Tonne/Tonne 96° sugar	21.23	13.00	0.00	8.83	11.73	10.22	13.95	11.77
Tonne 96° sugar	1,536.52	12,587.34	0.00	20,908.07	40,830.19	29,234.25	17,007.39	122,103.76
Lit. oil/ tonne 96° sugar	1,889.56	0.00	0.00	0.00	45.20	7.90		61.39

MILLING

Tonne cane/hour	52.86	82.02	0.00	69.26	142.78	133.79	145.13	122.31
Tonne fibre/hour	9.01	12.36	0.00	8.80	21.65	18.91	12.01	16.34
Pol extraction	87.01	87.63	0.00	95.52	90.08	91.32	90.67	90.81
Reduced pol extraction	86.94	90.05	0.00	95.60	92.07	92.47	92.12	92.27
Wholly reduced extraction	91.83	91.01	0.00	95.54	93.02	92.90	93.55	93.15
Absolute juice lost% fibre	66.88	69.62	0.00	30.77	55.80	52.72	61.20	54.63
Pol lost % fibre	8.57	8.99	0.00	4.46	6.98	7.45	6.45	6.93
Imbibition % cane	21.54	24.63	0.00	23.14	19.52	21.18	21.47	21.33
Imbibition % fibre	126.37	163.36	0.00	182.08	128.71	149.81	148.28	147.62
Bagasse % pol	3.53	3.89	0.00	2.10	3.14	3.14	2.76	3.03
Bagasse % moisture	51.94	51.58	0.00	50.14	50.82	51.71	53.40	51.47
1st. expressed juice: Brix	18.79	15.21	0.00	16.94	15.92	17.28	15.15	16.20
1st. expressed juice: Purity	81.91	81.77	0.00	85.07	82.78	84.20	81.00	82.95
Absolute juice: Brix	16.29	16.61	0.00	17.24	15.57	16.17	14.89	15.94
Absolute juice: Purity	79.31	79.45	0.00	83.38	80.77	83.22	78.59	81.08
Mixed juice: Brix	14.12	13.36	0.00	14.87	13.76	14.34	13.04	13.87
Mixed juice: purity	80.45	80.04	0.00	83.83	81.32	82.57	79.40	81.42
Reducing sugar/pol ratio	9.60	16.83	0.00	5.61	14.45	15.12	11.09	13.02
Last expressed juice: Brix	4.92	6.02	0.00	3.87	5.08	5.66	5.18	5.17
Last expressed juice: purity	72.36	75.39	0.00	74.94	76.06	76.76	71.52	75.12
Evaporator supply juice: Brix	13.75	13.20	0.00	14.48	13.61	11.21	13.11	13.08

	EVER GLADES	GOLDEN GROVE	BERNARD LODGE	WORTHY PARK	FROME	APPLETON	MONYMUSSK	YEAR TO DATE
<u>CANE</u>								
Evaporator supply juice: Purity	80.65	81.54	0.00	83.84	79.97	82.68	79.47	81.18
Syrup: Brix	57.34	58.97	0.00	60.00	51.96	63.75	59.73	57.81
Syrup: Purity	81.16	82.03	0.00	86.72	80.43	82.25	78.98	81.61
Filter cake: Pol	3.23	2.83	0.00	4.23	3.10	1.52	2.12	2.72
Filter cake: Moisture	70.61	68.79	0.00	69.65	73.22	62.89	71.94	69.74
Filter cake % cane	2.46	1.78	0.00	2.82	2.93	4.19	4.67	3.34
<u>FINAL MOLASSES</u>								
Brix	76.76	83.06	0.00	81.33	86.47	86.62	85.63	85.05
Purity	46.47	36.73	0.00	35.25	32.76	34.50	35.96	34.79
Weight % cane	4.74	4.05	0.00	3.41	4.53	3.83	4.27	4.14
BHE Winter Carp	53.48	85.49	0.00	98.23	93.49	97.26	85.00	91.61
<u>COMMERCIAL SUGAR</u>								
Tonne	1,473.83	12,064.03	0.00	20,124.40	39,299.00	28,126.78	16,429.32	117,517.36
Pol export raw	98.33	98.85	0.00	98.66	98.75	98.66	98.34	98.65
Pol all sugar	98.33	98.80	0.00	98.66	98.73	98.66	98.35	98.64
Moisture: Export raw	0.63	0.44	0.00	0.24	0.25	0.37	0.41	0.33
Moisture: All sugar	0.63	0.44	0.00	0.24	0.25	0.37	0.42	0.33
<u>POL BALANCE</u>								
POL: Sugar	45.16	75.90	0.00	89.71	83.83	87.39	75.07	82.05
Molasses	18.96	12.88	0.00	8.16	13.28	10.84	14.49	12.37
Filter cake	0.76	0.53	0.00	0.99	0.90	0.63	1.09	0.84
To distillery	2.94	0.00	0.00	0.03	0.00	0.38	0.00	0.15
Undetermine	32.18	10.69	0.00	1.11	1.95	0.76	9.35	4.57

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

YEAR TO DATE TIME ACCOUNT

REPORT NO: FINAL

2010

	EVER GLADES	GOLDEN GROVE	BERNARD LODGE	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.	G.A.T.
GROSS AVAILABLE TIME	100.00	100.00	0.00	100.00	100.00	100.00	100.00	100.00
WEEK END CLEANING	3.57	5.26	0.00	6.23	4.00	4.34	2.30	4.27
NET AVAILABLE TIME	96.43	94.74	0.00	93.77	96.00	95.66	97.70	95.73
(A) mechanical	18.52	5.99	0.00	0.36	4.15	3.44	4.00	6.10
(B) electrical	3.24	2.14	0.00	0.36	2.25	0.96	0.83	1.63
(C) knife choke	0.46	0.44	0.00	0.33	0.18	0.44	0.04	0.31
(D) mill choke	0.59	0.21	0.00	0.02	0.00	0.28	0.09	0.20
(E) steam	17.44	2.60	0.00	0.58	0.07	0.08	0.60	3.58
(F) process	6.75	7.31	0.00	0.31	0.00	0.04	0.02	2.40
(G) LABOUR								0.00
1. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2. other	5.53	1.00	0.00	0.00	3.29	1.41	0.41	1.95
(H) extraneous matter	0.75	5.95	0.00	0.05	1.05	0.45	2.65	1.82
(I) excessive cleaning	0.92	2.48	0.00	0.04	0.70	0.16	0.19	0.75
TOTAL FACTORY STOPPAGES	54.20	28.12	0.00	2.05	11.69	7.26	8.83	18.74
NON-FACTORY STOPPAGES								
(A) 1. public holiday	1.02	0.61	0.00	0.64	1.78	0.79	0.46	0.88
2. premeditated	7.53	0.14	0.00	0.00	5.79	0.69	4.39	3.12
(B) OUT OF CANE								
1. LABOUR	0.00	0.00	0.00	0.00	0.00	1.39	0.00	
a. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b. other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. weather	0.00	11.22	0.00	5.89	0.15	8.61	33.87	10.03
3. transport	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.02
4. farmers deliveries	2.77	1.22	0.00	13.74	5.23	0.52	6.51	4.98
5. Estate deliveries	3.25	1.74	0.00	0.00	8.82	2.30	9.64	4.33
7. mechanical	0.00	0.00	0.00	0.00	0.00	0.09	2.15	0.38
(C) other j.p.s	1.33	0.60	0.00	0.07	0.00	0.00	0.29	0.38
Poor water supply	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.05
TOTAL NON -FACT. STOPPAGES	19.58	20.79	0.00	26.57	25.77	18.73	59.89	28.67
TOTAL ALL CAUSES	73.78	48.91	0.00	28.62	37.46	25.99	68.72	47.41
ACTUAL TIME GRINDING	26.22	51.09	100.00	71.38	62.54	74.01	31.28	52.59
TIME GRND % NET AVAIL TIME	27.19	53.93	0.00	76.12	65.15	77.37	32.02	54.93

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

CANE QUALITY REPORT

FINAL 2010

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLE- TON	FROME	EVER GLADES	GOLDEN GROVE	AVG. TOTAL
TC REC'D AT CORE	0.00	184553.17	203617.26	298079.63	473634.41	38715.33	160114.30	1358714.10
T. 96 SUGAR MADE	0.00	20908.07	17007.39	29234.25	40830.19	1536.52	12587.34	122103.76
BRIX PRESS JUICE	0.00	19.06	17.40	18.00	17.79	19.23	16.72	17.86
POL PRESS JUICE	0.00	16.23	14.35	14.91	14.67	16.21	14.10	14.86
PURITY PRESS JUICE	0.00	85.17	82.40	82.81	82.33	84.28	84.27	83.12
PERCENTAGE TESTED	0.00	84.99	99.81	96.66	83.01	99.23	92.29	90.35
NO. OF SAMPLES TAKEN	0	13982	17306	15216	51579	4110	19852	122045
BRIX CRUSHER	0.00	16.94	15.15	17.28	15.92	18.79	15.21	16.24
POL CRUSHER	0.00	14.41	12.27	14.55	13.18	15.39	12.44	13.49
PURITY CRUSHER	0.00	85.06	80.99	84.20	82.79	81.91	81.80	83.00
FIBRE % CANE (CORE)	0.00	14.95	18.26	17.09	17.31	16.58	17.80	17.12
FIBRE % CANE (FACT.)	0.00	12.71	14.48	14.14	15.16	17.05	15.07	14.54
POL % CANE (CORE)	0.00	13.17	11.03	11.68	11.45	12.80	10.91	11.65
POL % CANE (FACT.)	0.00	12.55	10.01	11.56	10.67	10.77	10.96	11.06
J.R.C.S (CORE)	0.00	11.75	9.29	10.10	9.85	11.22	9.47	10.07
TC/TS (CORE)	0.00	8.51	10.77	9.91	10.16	8.91	10.56	9.93
TC/TS (FACT.)	0.00	8.83	13.95	10.22	11.73	0.00	13.00	11.76
R.C.S (FACT.)	0.00	11.33	7.17	9.78	8.53	4.71	7.69	8.77
F.R.I	0.00	96.44	83.07	97.15	86.56	39.91	82.96	87.95
O.E. (REPORTED)	0.00	93.85	79.52	90.37	86.96	49.11	77.80	85.37
RED. POL EXT. (CORE)	0.00	94.02	92.70	93.16	93.08	93.37	92.88	93.15
RED. POL EXT. (REPT.)	0.00	95.60	92.12	92.47	92.07	87.01	90.05	92.26
FILTER CAKE (STD) 0.60 UNDT LOSS (STD) 1.30 B.H.E (STD) 98.11								
B.H.E (REPORTED)	0.00	98.23	85.00	97.26	93.49	53.48	85.49	91.61
B.H.E (CALCULATED)	0.00	97.06	88.05	97.69	96.67	63.20	87.21	93.59
POL BALANCE								

% POL LOSS CANE YARD	0.00	4.76	-5.74	0.82	5.24	19.72	-2.55	2.06
% POL LOSS BAGASSE	0.00	4.29	9.87	8.61	9.40	9.16	12.68	8.98
% POL LOSS FILTER CAKE	0.00	0.91	1.04	0.57	0.81	0.47	0.47	0.75
% POL LOSS MOLASSES	0.00	7.42	13.89	11.83	11.39	11.64	11.58	11.35
% POL REC. SUGAR	0.00	81.68	71.97	79.62	71.55	29.24	68.21	73.16
% POL LOSS UNDT	0.00	0.94	8.96	-1.44	1.61	29.77	9.61	3.69

DATE PRINTED:
OUTSTANDING REPORTS:

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT
FINAL 2010

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLETON	FROME	EVER GLADES	GOLDEN GROVE	AVG./TOTAL
Tonne Cane Rec'd at Core	0.00	184553.17	203617.26	298079.63	473634.41	38715.33	160114.30	1358714.10
Tonne 96 Sugar Made	0.00	20908.07	17007.39	29234.25	40830.19	1536.52	12587.34	122103.76
Pol % Cane (core)	0.00	13.17	11.03	11.68	11.45	12.80	10.91	11.65
Pol % Cane (fact.)	0.00	12.55	10.01	11.56	10.67	10.77	10.96	11.06
j.r.c.s (core)	0.00	11.75	9.29	10.10	9.85	11.22	9.47	10.07
r.c.s (fact)	0.00	11.33	7.17	9.78	8.53	4.71	7.69	8.77
Tc/Ts (fact)	0.00	8.83	13.95	10.22	11.73	21.23	13.00	11.76
% Pol Loss Cane Yard	0.00	4.76	-5.74	0.82	5.24	19.72	-2.55	2.06
Reduce Pol Ext. (Core)	0.00	94.02	92.70	93.16	93.08	93.37	92.88	93.15
Reduce Pol Ext. (Rept.)	0.00	95.60	92.12	92.47	92.07	87.01	90.05	92.26
B.H.E (Reported)	0.00	98.23	85.00	97.26	93.49	53.48	85.49	91.61
% Pol Loss Filter Cake	0.00	0.91	1.04	0.57	0.81	0.47	0.47	0.75
% Pol Loss Undetermined	0.00	0.94	8.96	-1.44	1.61	29.77	9.61	3.69
% Pol Loss Molasses	0.00	7.42	13.89	11.83	11.39	11.64	11.58	11.35
B.H.E. (Calculated)	0.00	97.06	88.05	97.69	96.67	63.20	87.21	93.59
Final Molasses Brix	0.00	81.33	85.63	86.62	86.47	76.76	83.06	85.00
Final Molasses Purity	0.00	35.25	35.96	34.50	32.76	46.47	36.73	34.82
F.R.I	0.00	96.44	83.07	97.15	86.56	39.91	82.96	87.95
Purity Press Juice	0.00	85.17	82.40	82.81	82.33	84.28	84.27	83.12

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

Tonne Sugar	0.00	156.91	-1797.13	-916.96	556.69	653.74	-955.68	-2302.43
r.c.s	0.00	11.41	7.47	9.50	8.74	5.66	7.26	8.82
Tc/Ts	0.00	8.76	13.39	10.53	11.44	17.68	13.77	11.34
f.r.i	0.00	97.17	80.44	94.11	88.75	50.40	76.73	87.56

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

Tonne Sugar	0.00	-333.50	110.35	205.82	464.12	271.87	426.61	1145.28
r.c.s	0.00	11.23	7.52	9.57	8.84	6.36	7.53	8.90
Tc/Ts	0.00	8.90	13.29	10.45	11.32	15.72	13.28	11.23
f.r.i	0.00	95.63	81.02	94.79	89.74	56.66	79.54	88.40

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

Tonne Sugar	0.00	60.73	78.59	-9.37	88.94	-5.24	-17.76	195.89
r.c.s	0.00	11.27	7.56	9.57	8.85	6.35	7.52	8.92
Tc/Ts	0.00	8.88	13.22	10.45	11.29	15.76	13.30	11.22
f.r.i	0.00	95.91	81.43	94.76	89.93	56.54	79.42	88.54

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

Tonne Sugar	0.00	-71.33	1356.94	-759.87	131.77	1136.59	1163.66	2957.76
r.c.s	0.00	11.23	8.23	9.31	8.88	9.28	8.25	9.13
Tc/Ts	0.00	8.91	12.15	10.74	11.26	10.77	12.13	10.95
f.r.i	0.00	95.58	88.61	92.23	90.22	82.70	87.10	90.70

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	176.95	350.25	902.01	215.44	170.25	263.69	2078.59
Tot. Tonne 96 Sugar exp.	0.00	20897.82	17106.40	28655.88	42287.16	3763.73	13467.87	126178.86
r.c.s	0.00	11.32	8.40	9.61	8.93	9.72	8.41	9.29
Tc/Ts	0.00	8.83	11.90	10.40	11.20	10.29	11.89	10.77
f.r.i.(Minimum attainable)	0.00	96.39	90.46	95.23	90.68	86.61	88.84	92.22

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

FINAL 2010

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 96.44	Standard 91.00	Actual 83.07	Standard 91.00	Actual 97.15	Standard 91.00
Tonne Cane Rec'd at Core	0	0	184553	184553	203617	203617	298080	298080
Price/Tonne Sugar(\$)	0.00	0.00	40313.29	40313.29	40248.26	40248.26	40294.96	40294.96
Crop Avg. JRCS	0.0000	0.0000	11.7470	11.7470	9.2870	9.2870	10.0950	10.0950
Tonne Sugar Produced	0	0	20908	19728	17007	17208	29234	27383
Tc/Ts	0.00	0.00	8.83	9.35	12.96	11.83	10.20	10.89
Total Revenue from Sugar(\$)	\$0	\$0	\$842,873,089	\$795,313,058	\$684,517,855	\$692,593,700	\$1,177,992,934	\$1,103,394,318
Price/Tonne Cane(\$)	\$0.00	\$0.00	\$2,898.86	\$2,898.86	\$1,993.18	\$1,993.18	\$2,291.78	\$2,291.78
Total Revenue to Supplies(\$) *	\$0	\$0	\$534,993,086	\$534,993,086	\$405,846,335	\$405,846,335	\$683,131,697	\$683,131,697
Supplier's Share (%)	0.00	0.00	63.47	67.27	59.29	58.60	57.99	61.91
Total Revenue to Factory(\$)	\$0	\$0	\$307,880,003	\$260,319,972	\$278,671,519	\$286,747,365	\$494,861,237	\$420,262,620
Factory Share(%)	0.00	0.00	36.53	32.73	40.71	41.40	42.01	38.09
Factory Gain/Loss for FRI Above/Below 91(\$)	\$0.00	\$0.00	\$47,560,031.17	\$0.00	(\$8,075,845.24)	\$0.00	\$74,598,616.72	\$0.00

	FROME		EVERGLADES		GOLDEN GROVE		AVERAGE/TOTAL	
F.R.I	Actual 86.56	Standard 91.00	Actual 39.91	Standard 91.00	Actual 82.96	Standard 91.00	Actual 87.95	Standard 91.00
Tonne Cane Rec'd at Core	473634	473634	38715	38715	160114	160114	1358714	1358714
Price/Tonne Sugar(\$)*	40263.02	40263.02	40080.92	40080.92	40262.83	40262.83	40274.91	40274.91
Crop Avg. JRCS	9.8460	9.8460	11.2240	11.2240	9.4680	9.4680	10.0698	10.0698
Tonne Sugar Produced	40830	42437	1537	3954	12587	13795	122104	124506
Tc/Ts	11.73	11.16	22.32	9.79	12.73	11.61	11.29	10.91
Total Revenue from Sugar(\$)	\$1,643,946,757	\$1,708,640,976	\$61,585,135	\$158,492,858	\$506,801,931	\$555,436,045	\$4,917,717,701	\$5,014,461,422
Price/Tonne Cane(\$)	\$2,198.73	\$2,198.73	\$2,691.39	\$2,691.39	\$2,060.22	\$2,060.22	\$2,281.39	\$2,281.39
Total Revenue to Supplies(\$) *	\$1,041,392,901	\$1,041,392,901	\$104,198,040	\$104,198,040	\$329,870,816	\$329,870,816	\$3,099,763,015	\$3,099,763,015
Supplier's Share (%)	63.35	60.95	169.19	65.74	65.09	59.39	63.03	61.82
Total Revenue to Factory(\$)	\$602,553,856	\$667,248,076	(\$42,612,905)	\$54,294,818	\$176,931,115	\$225,565,230	\$1,817,954,685	\$1,914,698,406
Factory Share(%)	36.65	39.05	-69.19	34.26	34.91	40.61	36.97	38.18
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$64,694,219.83)	\$0.00	(\$96,907,722.99)	\$0.00	(\$48,634,114.58)	\$0.00	(\$96,153,254.76)	\$0.00

***STANDARD JRCS = 10.1239

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

BASE PRICE PER TONNE SUGAR IS \$ 39,372.91

Date Printed:

Friday, November 05, 2010

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

MOLASSES REPORT				FINAL 2010						
	FACTORY				SIRI					
	HYDROMETER BRIX	PURITY	POL		HYDROMETER BRIX	PURITY	REFRACTOMETER BRIX	POL	PURITY	ASH
APPLETON	86.55	34.60	29.95		87.51	34.43	82.81	30.12	36.39	11.60
FROME	86.26	33.16	28.59		85.75	34.40	82.72	30.23	34.96	8.81
EVERGLADES	78.21	43.60	34.13		79.49	44.29	77.12	41.58	39.28	6.58
MONYMUSK	85.40	36.12	30.83		85.05	39.26	80.18	33.62	41.41	11.83
BERNARD LODGE	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
GOLDEN GROVE	83.06	36.48	30.29		83.06	35.83	78.69	30.03	37.52	11.55
WORTHY PARK	81.35	35.29	27.20		84.55	33.39	81.46	28.38	34.14	11.94
AVERAGE	85.20	34.71	29.39		85.49	35.43	81.61	30.68	36.69	10.60