

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

PAGE:

WEEKLY SUGAR QUALITY REPORT NO: **FINAL 2008**

SUGAR QUALITY RESULTS (TO-DATE FIGURES)

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SPECIFICATIONS:		EXPORT	96.00	-	0.30	800-1500	3000-6000	-	22-52	250.00	< 0.70	
		LOCAL	97.00	0.70	-	-	3000	-	10	-		
		WEIGHT	POLARIZA-	MOISTURE	SAFETY	COLOUR	COLOUR	INSOLUBLE	GRAIN	DEXTRAN	ASH	REDUCING
		TONNES	TION	%	FACTOR	AFF. RAW	WHOLE RAW	SOLIDS	SIZE	M.A.U.	%	SUGARS
FACTORIES			%		(C)	IU	IU	MG/KG	28MESH (T)			%
APPLETON	E	20021.22	98.38	0.26	0.16	1283.04	2790.10	223.23	22.89	120.13	0.37	0.38
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	20021.22	98.38	0.26	0.16	#N/A	2790.10	223.23	#N/A	#N/A	0.37	#N/A
BERNARD LODG	E	13672.29	97.49	0.46	0.18	1863.11	4157.89	221.33	16.15	653.46	0.60	0.48
	L					#N/A		180.00	#N/A	#N/A	#DIV/0!	#N/A
	A	13672.29	97.49	0.46	0.18	#N/A	4157.89	221.33	#N/A	#N/A	0.60	#N/A
DUCKENFIELD	E	8755.68	97.46	0.81	0.32	1591.86	3920.28	478.74	30.37	394.37	0.49	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	8755.68	97.46	0.81	0.32	#N/A	3920.28	478.74	#N/A	#N/A	0.49	#N/A
FROME	E	46160.00	98.43	0.33	0.21	1103.42	2124.33	205.46	25.99	476.84	0.31	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	46160.00	98.43	0.33	0.21	#N/A	2124.33	205.46	#N/A	#N/A	0.31	#N/A
LONG POND	E	5389.80	98.24	0.38	0.21	1032.66	1995.42	646.85	14.96	690.79	0.33	0.37
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	5389.80	98.24	0.38	0.21	#N/A	1995.42	646.85	#N/A	#N/A	0.33	#N/A
MONYMUSK	E	13939.34	97.80	0.41	0.19	1259.32	3139.97	266.82	17.74	217.94	0.55	0.38
	L	216.00	98.00	0.32	0.16	#N/A	3154.12	134.74	#N/A	#N/A	0.57	#N/A
	A	14155.34	97.81	0.41	0.19	#N/A	3140.19	264.81	#N/A	#N/A	0.55	#N/A
WORTHY PARK	E	17985.27	98.30	0.25	0.15	1255.52	3160.96	206.17	26.74	230.72	0.38	0.38
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	17985.27	98.30	0.25	0.15	#N/A	3160.96	206.17	#N/A	#N/A	0.38	#N/A
TOTALS &	E	125923.60	98.16	0.37	0.20	1264.08	2830.82	254.80	23.11	378.91	0.40	0.38
	L	216.00	98.00	0.32	0.16	#N/A	3154.12	134.74	#N/A	#N/A	0.57	#N/A
AVERAGES	A	126139.60	98.16	0.37	0.20	#N/A	2831.38	254.59	#N/A	#N/A	0.40	#N/A

REMARKS:

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 2008

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

FACTORIES		TONNES COMMER. SUGAR	FAC1CTORIES		SIRIRI LAB		DIFFEFERENCES	
			%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	20021.22	98.33	0.28	98.38	0.26	0.06	16.10
BERNARD LODGE	WEEK	408.71	97.78	0.53	97.01	0.60	-0.77	-5.55
	TO DATE	13672.29	97.81	0.52	97.49	0.46	-0.32	-89.34
DUCKEN- FIELD	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	8755.68	97.54	0.82	97.46	0.81	-0.08	-14.15
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	46160.00	98.57	0.32	98.43	0.33	-0.14	-100.40
LONG POND	WEEK	92.85	97.54	0.63	98.07	0.48	0.53	0.77
	TO DATE	5389.80	98.30	0.50	98.24	0.38	-0.06	-9.91
MONYMUSK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	14155.34	98.01	0.43	97.81	0.41	-0.21	-49.58
WORTHY PARK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	17985.27	98.40	0.24	98.30	0.25	-0.10	-28.55
TOTALS & AVERAGES	WEEK	501.56	97.74	0.55	97.21	0.58	-0.53	-4.72
	TO DATE	126139.60	98.28	0.38	98.16	0.37	-0.12	-296.11

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

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

(AS REPORTED BY THE FACTORIES)

2008

	LONG POND	TROPICANA	BERNARD LODGE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>								
Estate Rec'd	51,557.11	101,875.66	157,860.97	90,388.92	324,398.70	190,952.04	131,713.89	1,048,747.29
Farmer's Rec'd	39,404.32	97,376.20	41,083.20	84,701.17	285,226.20	52,398.74	48,687.44	648,877.27
Total Rec'd	90,961.43	199,251.86	198,944.17	175,090.09	609,624.90	243,350.78	180,401.33	1,697,624.56
Grnd for sugar	77,818.83	189,505.04	195,229.00	175,090.09	609,624.90	241,659.94	180,401.33	1,669,329.13
Grnd for distillery	8,745.83	9,461.62	666.21	0.00	0.00	1,362.47	0.00	20,236.13
Grnd for other	4,396.77	0.00	3,048.96	0.00	0.00	0.00	0.00	7,445.73
Total ground	90,961.43	198,966.66	198,944.17	175,090.09	609,624.90	243,022.41	180,401.33	1,697,010.99
Percent pol	11.44	9.65	10.78	12.12	10.55	11.01	11.29	10.83
Percent fibre	17.42	19.38	14.98	12.74	15.17	14.48	14.24	15.31
Tonne/Tonne 96° sugar	13.15	14.06	13.00	9.21	12.23	10.83	11.67	12.01
Tonne 96° sugar	6,916.47	12,885.54	15,016.98	19,010.91	49,828.40	22,432.82	15,484.54	141,575.66
Lit. oil/ tonne 96° sugar	303.61	0.00	46.77	0.00	47.11	17.22	98.41	51.61
<u>MILLING</u>								
Tonne cane/hour	68.56	82.64	136.37	68.49	133.42	136.91	144.73	119.34
Tonne fibre/hour	11.94	16.02	20.43	8.73	20.24	19.83	20.62	18.12
Pol extraction	87.03	87.27	88.05	95.53	86.49	89.75	88.91	88.45
Reduced pol extraction	91.21	92.88	90.31	95.63	89.21	91.35	90.38	90.97
Wholly reduced extraction	91.49	93.66	91.40	95.75	90.60	92.21	91.13	91.92
Absolute juice lost% fibre	61.54	49.84	73.55	30.58	76.53	60.52	72.95	64.83
Pol lost % fibre	8.51	6.34	8.60	4.25	9.40	8.76	8.87	8.22
Imbibition % cane	21.55	26.82	24.98	22.01	21.04	36.80	27.12	25.21
Imbibition % fibre	123.72	138.37	166.75	172.73	138.70	168.49	190.37	154.42
Bagasse % pol	3.65	2.99	3.36	2.00	3.92	3.42	3.66	3.43
Bagasse % moisture	52.10	48.35	53.80	50.17	53.22	51.75	53.83	52.20
1st. expressed juice: Brix	18.71	14.88	15.62	16.53	15.43	15.10	15.98	15.69
1st. expressed juice: Purity	81.72	79.64	82.77	85.94	83.92	85.30	83.40	83.52
Absolute juice: Brix	17.47	15.67	15.77	16.50	15.21	15.43	16.24	15.72
Absolute juice: Purity	79.28	76.81	80.38	84.22	81.78	83.40	81.10	81.31
Mixed juice: Brix	15.32	12.60	13.14	14.39	13.05	12.82	13.32	13.26
Mixed juice: purity	80.22	77.98	81.32	84.74	82.60	84.09	81.92	82.14
Reducing sugar/pol ratio	8.87	10.22	11.70	5.89	21.85	17.47	10.85	15.16

	LONG POND	TROPI CANA	BERNARD LODGE	WORTHY PARK	FROME	APPLETON	MONYMUSSK	YEAR TO DATE
<u>CANE</u>								
Last expressed juice: Brix	5.92	4.93	4.64	3.94	6.38	5.15	6.46	5.56
Last expressed juice: purity	72.64	68.62	74.38	74.34	76.98	77.70	75.21	75.10
Evaporator supply juice: Brix	15.17	12.27	13.26	14.01	12.93	8.71	13.21	12.55
Evaporator supply juice: Purity	81.08	79.64	80.75	84.37	82.07	81.70	81.54	81.71
Syrup: Brix	58.30	55.68	57.49	60.48	61.34	59.60	56.67	59.23
Syrup: Purity	81.34	80.74	81.91	87.87	82.76	82.66	80.22	82.59
Filter cake: Pol	2.97	5.60	1.98	4.51	2.60	2.46	1.71	2.98
Filter cake: Moisture	71.20	67.41	74.38	68.29	74.16	65.52	74.57	71.44
Filter cake % cane	2.80	1.63	2.51	3.01	2.90	5.32	4.57	3.24
<u>FINAL MOLASSES</u>								
Brix	77.38	81.21	87.51	81.10	83.31	86.32	84.13	83.53
Purity	38.56	37.67	43.63	33.56	34.91	34.43	35.79	36.34
Weight % cane	4.01	3.83	4.49	3.22	3.76	2.98	4.69	3.80
BHE Winter Carp	81.50	92.34	85.85	97.08	93.96	97.17	90.33	92.55
<u>COMMERCIAL SUGAR</u>								
Tonne	6,177.55	12,574.92	14,579.22	18,385.30	48,011.80	21,587.84	14,979.46	136,296.09
Pol export raw	98.28	97.06	97.81	98.36	98.57	96.32	98.00	97.88
Pol all sugar	98.28	97.07	97.81	98.36	98.57	96.32	98.00	97.89
Moisture: Export raw	0.50	0.80	0.52	0.27	0.32	0.30	0.43	0.41
Moisture: All sugar	0.50	0.79	0.52	0.27	0.32	0.30	0.43	0.41
<u>POL BALANCE</u>								
POL: Sugar	67.06	80.60	76.98	89.21	85.06	88.41	81.36	83.14
Molasses	12.29	13.91	18.06	7.58	12.28	8.92	14.08	12.37
Filter cake	0.76	1.08	0.52	1.17	0.83	1.21	0.78	0.90
To distillery	5.97	0.00	0.00	0.00	0.00	0.44	0.00	0.38
Undetermine	13.92	4.41	4.43	2.04	1.83	2.13	3.78	3.36

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

YEAR TO DATE TIME ACCOUNT

REPORT NO: FINAL

2008

	LONG POND	TROPI CANA	BERNARD LODGE	WORTHY PARK	FROME 1	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	100.00	100.00	100.00	100.00	100.00	100.00
WEEK END CLEANING	3.93	6.57	2.52	5.84	4.90	4.95	3.58	4.00
NET AVAILABLE TIME	96.07	93.43	97.48	94.16	95.10	95.05	96.42	96.00
(A) mechanical	26.34	5.90	15.63	0.46	5.11	4.73	13.40	8.96
(B) electrical	1.42	3.70	0.39	0.15	3.14	1.05	1.77	1.44
(C) knife choke	1.05	0.34	0.69	0.35	0.26	0.12	0.02	0.35
(D) mill choke	0.48	0.20	0.00	0.01	0.08	0.31	0.33	0.18
(E) steam	2.38	5.59	9.98	0.47	0.28	0.24	2.78	2.72
(F) process	4.33	4.21	0.02	0.12	0.00	0.09	0.01	1.08
(G) LABOUR								
1. industrial dispute	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.02
2. other	2.61	2.61	2.06	0.00	0.37	0.19	1.42	1.15
(H) extraneous matter	0.76	1.09	1.24	0.06	3.00	0.54	3.06	1.22
(I) excessive cleaning	0.63	3.15	0.62	0.00	0.30	0.00	0.00	0.58
TOTAL FACTORY STOPPAGES	40.00	26.95	30.63	1.62	12.54	7.27	22.79	17.69
NON-FACTORY STOPPAGES								
(A) 1. public holiday	0.60	0.48	0.63	0.00	0.79	0.66	0.79	0.49
2. premeditated	3.83	1.24	1.91	0.55	4.53	0.57	1.19	1.72
(B) OUT OF CANE								
1. LABOUR								
a. industrial dispute	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.08
b. other	0.00	0.00	0.64	0.00	0.00	0.00	1.07	0.22
2. weather	1.55	7.94	5.67	8.80	6.62	36.22	0.00	8.26
3. transport	0.65	0.61	1.28	0.00	0.00	0.00	0.00	0.32
4. farmers deliveries	6.46	3.06	4.96	23.50	6.18	0.50	8.36	6.57
5. Estate deliveries	5.09	4.72	13.45	0.00	4.39	0.55	18.65	5.87
7. mechanical	0.00	0.00	0.00	0.00	0.03	0.08	1.80	0.24
(C) other j.p.s	4.54	0.19	0.60	0.00	0.00	0.00	0.04	0.67
Poor water supply	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.06
TOTAL NON -FACT. STOPPAGES	26.65	24.81	31.66	38.69	28.12	43.53	35.94	28.51
TOTAL ALL CAUSES	66.65	51.76	62.29	40.31	40.66	50.80	58.73	46.20
ACTUAL TIME GRINDING	33.35	48.24	37.71	59.69	59.34	49.20	41.27	53.80
TIME GRND % NET AVAIL TIME	34.71	51.63	38.68	63.39	62.40	51.76	42.80	56.04

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

CANE QUALITY REPORT

FINAL 2008

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLE- TON	FROME	LONG POND	TROPIC ANA	AVG. TOTAL
TC REC'D AT CORE	193121.18	175090.09	175470.30	243350.78	573483.09	88576.23	160472.63	1609564.30
T. 96 SUGAR MADE	15016.98	19010.91	15484.54	22432.82	49828.40	6916.47	12885.54	141575.66
BRIX PRESS JUICE	17.90	18.26	18.27	17.35	17.36	18.60	17.07	17.66
POL PRESS JUICE	14.80	15.67	15.35	14.68	14.30	15.67	14.60	14.79
PURITY PRESS JUICE	82.68	85.81	84.02	84.61	82.37	84.25	85.53	83.72
PERCENTAGE TESTED	83.37	83.65	99.28	97.37	80.22	95.03	72.39	85.68
NO. OF SAMPLES TAKEN	12448	14911	16781	0	0	8107	0	52247
BRIX CRUSHER	15.62	16.53	15.98	15.10	15.43	18.71	15.46	15.77
POL CRUSHER	12.93	14.21	13.33	12.88	12.95	15.29	12.59	13.21
PURITY CRUSHER	82.78	85.96	83.42	85.30	83.93	81.72	81.44	83.79
FIBRE % CANE (CORE)	18.97	15.18	18.24	17.86	17.42	16.45	18.42	17.56
FIBRE % CANE (FACT.)	14.98	12.74	14.24	14.48	15.17	17.42	19.85	15.27
POL % CANE (CORE)	11.23	12.67	11.79	11.35	11.14	12.41	11.18	11.49
POL % CANE (FACT.)	10.78	12.12	11.29	11.01	10.55	11.44	10.71	10.96
J.R.C.S (CORE)	9.58	11.32	10.20	9.88	9.58	10.89	9.74	9.97
TC/TS (CORE)	10.44	8.83	9.80	10.12	10.44	9.18	10.27	10.03
TC/TS (FACT.)	13.00	9.21	11.67	10.83	12.23	13.15	13.04	11.85
R.C.S (FACT.)	7.69	10.86	8.57	9.23	8.18	7.60	7.67	8.53
F.R.I	81.19	95.88	86.42	93.35	90.68	71.73	82.43	88.18
O.E. (REPORTED)	78.47	92.95	82.32	89.60	85.13	74.56	83.65	84.82
RED. POL EXT. (CORE)	92.41	93.93	92.70	92.86	93.03	93.42	92.63	92.97
RED. POL EXT. (REPT.)	90.31	95.63	90.38	91.35	89.21	91.21	91.01	90.78
FILTER CAKE (STD) 0.60								
UNDT LOSS (STD) 1.30								
B.H.E (STD) 98.11								
B.H.E (REPORTED)	85.85	97.08	90.33	97.17	93.96	81.50	91.31	92.47
B.H.E (CALCULATED)	90.30	96.36	93.86	97.10	96.19	83.50	91.26	94.19
POL BALANCE								

% POL LOSS CANE YARD	3.00	4.31	1.55	3.16	-0.69	5.34	-0.29	1.49
% POL LOSS BAGASSE	11.60	4.27	11.02	9.93	13.60	12.28	15.60	11.64
% POL LOSS FILTER CAKE	0.45	1.07	0.69	1.05	0.72	0.62	0.63	0.76
% POL LOSS MOLASSES	15.43	6.93	12.31	8.68	10.70	10.13	11.74	10.80
% POL REC. SUGAR	65.75	81.56	71.14	77.27	74.08	59.68	68.27	72.68
% POL LOSS UNDT	3.79	1.86	3.30	-0.10	1.60	11.95	4.05	2.63

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT

	WEEK NO. 0						TO DATE	FINAL
	BERNARD LODGE	WORTHY PARK	MONY-MUSK	APPLETON	FROME	LONG POND	TROPIC ANA	AVG./TOTAL
Tonne Cane Rec'd at Core	193121.18	175090.09	175470.30	243350.78	573483.09	88576.23	160472.63	1609564.30
Tonne 96 Sugar Made	15016.98	19010.91	15484.54	22432.82	49828.40	6916.47	12885.54	141575.66
Pol % Cane (core)	11.23	12.67	11.79	11.35	11.14	12.41	11.18	11.49
Pol % Cane (fact.)	10.78	12.12	11.29	11.01	10.55	11.44	10.71	10.96
j.r.c.s (core)	9.58	11.32	10.20	9.88	9.58	10.89	9.74	9.97
r.c.s (fact)	7.69	10.86	8.57	9.23	8.18	7.60	7.67	8.53
Tc/Ts (fact)	13.00	9.21	11.67	10.83	12.23	13.15	13.04	11.85
% Pol Loss Cane Yard	3.00	4.31	1.55	3.16	-0.69	5.34	-0.29	1.49
Reduce Pol Ext. (Core)	92.41	93.93	92.70	92.86	93.03	93.42	92.63	92.97
Reduce Pol Ext. (Rept.)	90.31	95.63	90.38	91.35	89.21	91.21	91.01	90.78
B.H.E (Reported)	85.85	97.08	90.33	97.17	93.96	81.50	91.31	92.47
% Pol Loss Filter Cake	0.45	1.07	0.69	1.05	0.72	0.62	0.63	0.76
% Pol Loss Undetermined	3.79	1.86	3.30	-0.10	1.60	11.95	4.05	2.63
% Pol Loss Molasses	15.43	6.93	12.31	8.68	10.70	10.13	11.74	10.80
B.H.E. (Calculated)	90.30	96.36	93.86	97.10	96.19	83.50	91.26	94.19
Final Molasses Brix	87.51	81.10	84.13	86.32	85.48	77.38	81.44	84.38
Final Molasses Purity	43.63	33.56	35.79	34.43	34.91	38.56	41.88	36.73
F.R.I	81.19	95.88	86.42	93.35	90.68	71.73	82.43	88.18
Purity Press Juice	82.68	85.81	84.02	84.61	82.37	84.25	85.53	83.72
INCREASED PRODUCTION AND F.R.I FOR ADJUSTED CANE YARD LOSS 4 % STD.								
Tonne Sugar	-178.79	58.43	-422.32	-192.92	-2471.95	123.66	-647.05	-3730.94
r.c.s	7.68	10.89	8.58	9.14	8.26	7.95	7.63	8.56
Tc/Ts	13.02	9.18	11.65	10.94	12.11	12.58	13.11	11.68
f.r.i	80.20	96.21	84.16	92.50	86.20	72.99	78.30	85.90
STD. R.P.E. AND 4% CANE YARD LOSS								
Tonne Sugar	388.90	-329.10	414.17	359.73	2078.04	209.48	253.27	3374.47
r.c.s	7.88	10.70	8.82	9.29	8.62	8.18	7.78	8.77
Tc/Ts	12.68	9.34	11.34	10.77	11.60	12.22	12.85	11.40
f.r.i	82.30	94.55	86.47	94.00	89.98	75.16	79.92	88.00
STD. FILTER CAKE AT 4 % CANE YARD LOSS AND STD. R.P.E								
Tonne Sugar	-25.92	85.76	14.18	99.22	60.33	2.05	4.04	239.65
r.c.s	7.87	10.75	8.83	9.33	8.63	8.19	7.79	8.79
Tc/Ts	12.70	9.30	11.33	10.72	11.59	12.21	12.84	11.38
f.r.i	82.16	94.98	86.55	94.41	90.09	75.18	79.95	88.15
STD. UNDT. AT 4% CANE YARD LOSS, STD. R.P.E, STD. FILTER CAKE LOSS								
Tonne Sugar	424.98	102.53	330.66	-309.49	149.38	942.73	398.13	2038.91
r.c.s	8.09	10.81	9.02	9.20	8.66	9.25	8.03	8.92
Tc/Ts	12.36	9.25	11.09	10.87	11.55	10.81	12.45	11.22
f.r.i	84.46	95.50	88.40	93.12	90.36	84.95	82.49	89.42
STD. MOL. LOSS (31.5 PTY) AT 4% CANE YARD LOSS AND STD. R.P.E. FILTER CAKE AND UNDT. LOSS								
Tonne Sugar	842.91	87.05	279.99	396.40	602.33	182.06	482.61	2873.35
Tot. Tonne 96 Sugar exp.	16469.06	19015.57	16101.22	22785.74	50246.53	8376.45	13376.53	146371.11
r.c.s	8.53	10.86	9.18	9.36	8.76	9.46	8.34	9.09
Tc/Ts	11.73	9.21	10.90	10.68	11.41	10.57	12.00	11.00
f.r.i.(Minimum attainable)	89.02	95.94	89.96	94.77	91.46	86.84	85.58	91.21

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

FINAL 2008

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

	BERNARD LODGE		WORTHY PARK		MONYMUSK		APPLETON	
F.R.I	Actual 81.19	Standard 91.00	Actual 95.88	Standard 91.00	Actual 86.42	Standard 91.00	Actual 93.35	Standard 91.00
Tonne Cane Rec'd at Core	193121	193121	175090	175090	175470	175470	243351	243351
Price/Tonne Sugar(\$)	44163.00	44163.00	44586.00	44586.00	44326.00	44326.00	44630.00	44630.00
Crop Avg. JRCS	9.5800	9.5800	11.3200	11.3200	10.2000	10.2000	9.8800	9.8800
Tonne Sugar Produced	15017	16836	19011	18036	15485	16287	22433	21879
Tc/Ts	12.86	11.47	9.21	9.71	11.34	10.77	10.84	11.12
Total Revenue from Sugar(\$)	\$663,194,888	\$743,524,657	\$847,620,433	\$804,170,054	\$686,367,720	\$721,944,355	\$1,001,176,757	\$976,467,889
Price/Tonne Cane(\$)	\$2,304.80	\$2,304.80	\$3,032.85	\$3,032.85	\$2,563.39	\$2,563.39	\$2,451.01	\$2,451.01
Total Revenue to Supplies(\$) *	\$445,105,836	\$445,105,836	\$531,022,187	\$531,022,187	\$449,799,645	\$449,799,645	\$596,455,841	\$596,455,841
Supplier's Share (%)	67.12	59.86	62.65	66.03	65.53	62.30	59.58	61.08
Total Revenue to Factory(\$)	\$218,089,052	\$298,418,821	\$316,598,246	\$273,147,867	\$236,568,075	\$272,144,710	\$404,720,915	\$380,012,048
Factory Share(%)	32.88	40.14	37.35	33.97	34.47	37.70	40.42	38.92
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$80,329,769.05)	\$0.00	\$43,450,378.93	\$0.00	(\$35,576,634.74)	\$0.00	\$24,708,867.14	\$0.00

	FROME		LONG POND		TROPIC ANA		AVG./TOTAL	
F.R.I	Actual 90.68	Standard 91.00	Actual 71.73	Standard 91.00	Actual 82.43	Standard 91.00	Actual 88.18	Standard 91.00
Tonne Cane Rec'd at Core	573483	573483	88576	88576	160473	160473	1609564	1609564
Price/Tonne Sugar(\$)*	44651.00	44651.00	44551.00	44551.00	44140.00	44140.00	44152.02	44000.00
Crop Avg. JRCS	9.5800	9.5800	10.8900	10.8900	9.7400	9.7400	9.9703	9.9703
Tonne Sugar Produced	49828	49995	6916	8778	12886	14223	141576	146035
Tc/Ts	11.51	11.47	12.80	10.09	12.46	11.28	11.37	11.02
Total Revenue from Sugar(\$)	\$2,224,887,888	\$2,232,331,604	\$308,135,655	\$391,060,472	\$568,767,736	\$627,817,834	\$6,250,851,372	\$6,425,535,137
Price/Tonne Cane(\$)	\$2,330.27	\$2,330.27	\$2,856.14	\$2,856.14	\$2,367.87	\$2,367.87	\$2,461.03	\$2,452.56
Total Revenue to Supplies(\$) *	\$1,336,369,702	\$1,336,369,702	\$252,986,320	\$252,986,320	\$379,978,042	\$379,978,042	\$3,961,188,518	\$3,947,549,734
Supplier's Share (%)	60.06	59.86	82.10	64.69	66.81	60.52	63.37	61.44
Total Revenue to Factory(\$)	\$888,518,186	\$895,961,902	\$55,149,335	\$138,074,152	\$188,789,693	\$247,839,792	\$2,289,662,854	\$2,477,985,403
Factory Share(%)	39.94	40.14	17.90	35.31	33.19	39.48	36.63	38.56
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$7,443,715.52)	\$0.00	(\$82,924,817.48)	\$0.00	(\$59,050,098.60)	\$0.00	(\$197,165,789.33)	\$0.00

***STANDARD JRCS = 10.1185

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

BASE PRICE PER TONNE SUGAR IS \$ 43,344.00

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

FINAL M O L A S S E S R E P O R T

RUN 30

WEEK-ENDING

2008

	FACTORY			SIRI					
	HYDROMETER			HYDROMETER		REFRACTOMETER		PURITY	ASH
	BRIX	PURITY	POL	BRIX	PURITY	BRIX	POL		
APPLETON	86.43	34.31	29.65	86.87	34.55	81.66	29.79	36.78	13.31
FROME	85.66	34.78	29.77	85.75	36.89	82.30	31.61	38.43	9.34
LONG POND	78.14	38.13	29.84	78.12	38.89	74.97	30.58	40.75	6.94
MONYMUSK	85.04	35.57	30.26	85.01	36.05	78.44	30.66	39.07	13.49
BERNARD LODGE	87.42	43.41	37.95	86.95	45.15	82.41	39.04	47.53	10.11
TROPICANA	79.08	38.51	31.84	80.33	37.74	75.68	31.68	40.05	11.49
WORTHY PARK	81.03	33.28	26.97	84.96	32.96	81.15	28.00	34.50	12.25
AVERAGE	87.30	41.92	36.60	83.50	41.92	79.40	35.08	44.13	7.60