

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

PAGE:

FINAL

WEEK ENDING: **2005**

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- TION	MOISTURE	SAFETY FACTOR	COLOUR AFF. RAW	COLOUR WHOLE RAW	INSOLUBLE SOLIDS	GRAIN SIZE	DEXTRAN	ASH	REDUCING SUGARS
FACTORIES		TONNES	%	%	(C)	IU	IU	MG/KG	28MESH (T)	M.A.U.	%	%
APPLETON	E	19122.76	98.41	0.32	0.20	1531.29	3601.21	135.70	30.35	149.34	0.39	0.52
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	19122.76	98.41	0.32	0.20	#N/A	3601.21	135.70	#N/A	#N/A	0.39	#N/A
BERNARD LODGE	E	11948.08	97.71	0.56	0.24	1710.73	4136.92	177.59	26.39	621.54	0.52	0.61
	L	962.00	97.78	0.52	0.24	#N/A	3953.77	220.17	#N/A	#N/A	0.50	#N/A
	A	12910.08	97.72	0.55	0.24	#N/A	4123.27	180.76	#N/A	#N/A	0.52	#N/A
DUCKENFIELD	E	8105.04	97.48	0.75	0.30	1536.26	4646.18	581.05	34.98	348.72	0.45	0.65
	L	1183.90	98.22	0.53	0.30	#N/A	3416.19	385.46	#N/A	#N/A	0.34	#N/A
	A	9288.94	97.57	0.72	0.30	#N/A	4489.41	556.12	#N/A	#N/A	0.43	#N/A
FROME	E	35652.04	97.80	0.54	0.25	1300.59	3450.84	192.56	32.76	402.99	0.37	0.69
	L	4444.20	97.69	0.66	0.29	#N/A	3357.78	287.03	#N/A	#N/A	0.36	#N/A
	A	40096.24	97.78	0.56	0.25	#N/A	3440.52	203.03	#N/A	#N/A	0.36	#N/A
LONG POND	E	3736.14	97.66	0.58	0.25	1765.56	3977.25	823.74	19.69	771.81	0.40	0.63
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	3736.14	97.66	0.58	0.25	#N/A	3977.25	823.74	#N/A	#N/A	0.40	#N/A
MONYMUSK	E	8380.56	97.33	0.68	0.25	2087.05	5616.34	643.37	27.40	618.50	0.60	0.68
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	8380.56	97.33	0.68	0.25	#N/A	5616.34	643.37	#N/A	#N/A	0.60	#N/A
WORTHY PARK	E	20735.43	98.32	0.36	0.21	1225.43	3729.57	328.38	28.23	167.82	0.38	0.48
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	20735.43	98.32	0.36	0.21	#N/A	3729.57	328.38	#N/A	#N/A	0.38	#N/A
TOTALS	E	107680.05	97.93	0.50	0.24	1467.68	3884.12	293.18	30.05	362.40	0.41	0.60
&	L	6590.10	97.80	0.62	0.28	#N/A	3455.27	294.95	#N/A	#N/A	0.38	#N/A
AVERAGES	A	114270.15	97.92	0.50	0.24	#N/A	3859.39	293.29	#N/A	#N/A	0.41	#N/A

REMARKS:

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

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

PAGE: 2

FINAL

WEEK ENDING: 2005

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

FACTORIES		TONNES COMMER. SUGAR	FACI CTORIES		SIRI 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	19122.76	98.73	0.33	98.41	0.32	-0.32	-99.92
BERNARD LODGE	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	12910.08	98.14	0.51	97.72	0.55	-0.42	-86.42
DUCKEN- FIELD	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	9288.94	97.91	0.56	97.57	0.72	-0.33	-41.80
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	40096.24	98.04	0.55	97.78	0.56	-0.26	-167.50
LONG POND	WEEK	162.52	97.34	0.72	97.22	0.76	-0.12	-0.28
	TO DATE	3736.14	97.80	0.72	97.66	0.58	-0.14	-12.65
MONYMUSK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	8380.56	97.20	0.61	97.33	0.68	0.13	21.97
WORTHY PARK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	20735.43	98.52	0.33	98.32	0.36	-0.20	-64.29
TOTALS & AVERAGES	WEEK	162.52	97.34	0.72	97.22	0.76	-0.12	-0.28
	TO DATE	114270.15	98.17	0.48	97.92	0.50	-0.25	-439.85

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

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

(AS REPORTED BY THE FACTORIES)

2005

	LONG POND	TROPI CANA	BERNARD LODGE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>								
Estate Rec'd	32,268.81	62,339.88	141,543.68	93,992.04	226,379.30	176,253.92	71,865.49	804,643.12
Farmer's Rec'd	35,823.19	57,761.07	33,006.12	92,817.53	251,363.60	48,965.88	49,278.11	569,015.50
Total Rec'd	68,092.00	120,100.95	174,549.80	186,809.57	477,742.90	225,219.80	121,143.60	1,373,658.62
Grnd for sugar	60,452.17	112,012.54	172,083.00	186,667.34	477,742.88	223,952.86	121,143.60	1,354,054.39
Grnd for distillery	2,999.64	0.00	0.00	142.23	0.00	1,471.74	0.00	4,613.61
Grnd for other	4,640.19	4,488.46	0.00	0.00	0.00	0.00	0.00	9,128.65
Total ground	68,092.00	116,501.00	172,083.00	186,809.57	477,742.88	225,424.60	121,143.60	1,367,796.65
Percent pol	10.29	11.78	10.57	12.85	11.57	11.57	10.65	11.49
Percent fibre	18.28	18.49	15.11	12.92	15.47	14.57	15.72	15.35
Tonne/Tonne 96° sugar	14.05	11.17	12.25	8.56	11.24	10.46	12.97	11.16
Tonne 96° sugar	4,845.05	10,425.98	14,052.73	21,848.26	42,514.48	21,544.07	9,339.93	124,570.50
Lit. oil/ tonne 96° sugar	266.73	0.00	54.24	0.00	47.36	20.51	177.43	55.74
<u>MILLING</u>								
Tonne cane/hour	66.10	69.56	138.05	67.26	136.12	137.94	132.78	117.81
Tonne fibre/hour	12.08	12.86	20.86	8.69	21.06	20.10	20.87	18.02
Pol extraction	87.85	86.76	88.09	94.40	88.68	91.29	88.50	89.60
Reduced pol extraction	91.48	91.64	90.44	94.75	91.17	92.70	91.19	91.88
Wholly reduced extraction	93.16	91.57	91.67	94.57	91.54	93.08	92.21	92.37
Absolute juice lost% fibre	54.36	58.53	70.81	36.78	62.13	51.07	67.57	57.73
Pol lost % fibre	6.84	8.43	8.33	5.43	8.46	7.44	7.79	7.72
Imbibition % cane	21.50	29.55	22.97	21.22	24.23	173.27	23.60	48.48
Imbibition % fibre	117.65	159.82	151.98	164.21	156.61	25.25	150.15	133.18
Bagasse % pol	3.02	3.90	3.40	2.54	3.56	3.08	3.24	3.30
Bagasse % moisture	51.67	48.40	54.64	50.02	53.19	51.45	53.98	52.24
1st. expressed juice: Brix	17.98	16.96	15.44	17.41	17.14	16.77	16.36	16.86
1st. expressed juice: Purity	80.53	82.29	82.51	87.62	83.00	84.14	81.40	83.43
Absolute juice: Brix	16.14	18.11	15.52	17.17	17.08	16.51	16.00	16.75
Absolute juice: Purity	78.00	79.80	80.25	85.99	80.14	82.03	78.99	81.03
Mixed juice: Brix	14.30	14.11	13.39	15.01	14.50	13.81	13.75	14.21

	LONG POND	TROPI CANA	BERNARD LODGE	WORTHY PARK	FROME	APPLETON	MONY MUSK	YEAR TO DATE
<u>CANE</u>								
Mixed juice: purity	78.95	80.83	80.96	86.50	81.00	82.62	79.92	81.80
Reducing sugar/pol ratio	9.74	11.04	11.57	5.07	8.19	16.07	10.98	10.05
Last expressed juice: Brix	4.89	5.95	4.56	3.82	5.15	6.31	5.40	5.16
Last expressed juice: purity	71.98	73.72	75.22	77.97	74.04	76.08	72.51	74.80
Evaporator supply juice: Brix	13.66	13.45	12.61	14.93	14.21	10.82	13.79	13.42
Evaporator supply juice: Purity	79.50	82.15	80.73	86.65	80.95	78.52	80.08	81.25
Syrup: Brix	57.57	51.76	51.81	60.34	58.43	63.10	56.80	57.87
Syrup: Purity	80.02	83.12	81.75	88.18	81.35	82.85	79.57	82.51
Filter cake: Pol	2.66	4.49	0.92	4.99	2.53	2.18	2.01	2.73
Filter cake: Moisture	70.68	69.90	74.92	68.73	74.59	71.33	73.04	72.56
Filter cake % cane	2.99	2.09	2.40	3.07	2.70	5.23	5.74	3.36
<u>FINAL MOLASSES</u>								
Brix	79.08	80.11	87.45	81.88	83.71	82.89	78.38	82.79
Purity	37.04	36.75	35.57	34.86	35.16	37.19	38.47	36.03
Weight % cane	3.66	4.55	4.08	3.34	5.11	3.67	5.38	4.41
BHE Winter Carp	85.10	93.36	93.28	98.27	92.27	94.73	88.06	92.98
<u>COMMERCIAL SUGAR</u>								
Tonne	4,528.25	10,127.49	13,617.31	21,053.54	41,270.56	20,567.87	9,155.64	120,320.66
Pol export raw	97.76	97.82	98.12	98.52	97.99	98.66	97.32	98.10
Pol all sugar	97.76	97.93	98.13	98.52	98.01	98.66	97.21	98.11
Moisture: Export raw	0.72	0.59	0.51	0.33	0.58	0.34	0.59	0.51
Moisture: All sugar	0.72	0.56	0.51	0.33	0.57	0.34	0.63	0.50
<u>POL BALANCE</u>								
POL: Sugar	71.93	80.68	83.41	91.37	82.51	85.23	78.10	83.21
Molasses	12.62	14.98	13.64	7.78	14.66	10.58	17.21	13.07
Filter cake	0.84	1.01	0.24	1.26	0.67	0.85	1.22	0.81
To distillery	3.33	0.00	0.00	0.07	0.00	0.53	0.19	0.28
Undetermine	11.28	3.33	2.71	-0.48	2.16	2.78	3.28	2.62

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

YEAR TO DATE TIME ACCOUNT

REPORT NO: FINAL

2005

	LONG POND	TROPI CANA	BERNARD LODGE	WORTHY PARK	FROME 1	FROME 2	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.	G.A.T.
GROSS AVAILABLE TIME	100.00	100.00	100.00	100.00	100.00	0.00	100.00	100.00	100.00
WEEK END CLEANING	3.02	5.69	2.87	6.15	3.79	0.00	3.31	3.67	3.53
NET AVAILABLE TIME	96.98	94.31	97.13	93.85	96.21	0.00	96.69	96.33	96.47
(A) mechanical	23.65	10.29	9.89	0.97	4.32	0.00	4.29	10.55	7.99
(B) electrical	2.81	1.41	1.27	0.78	0.79	0.00	1.64	0.00	1.08
(C) knife choke	0.38	0.48	0.00	0.53	0.29	0.00	0.13	0.00	0.22
(D) mill choke	1.33	0.05	0.00	0.10	0.31	0.00	0.55	0.29	0.33
(E) steam	3.82	5.75	5.56	0.30	1.27	0.00	1.25	1.58	2.43
(F) process	2.02	0.14	0.00	0.44	0.00	0.00	0.01	0.18	0.35
(G) LABOUR									
1. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. other	4.83	2.31	1.47	0.00	3.27	0.00	1.92	1.39	1.90
(H) extraneous matter	2.36	0.82	0.03	0.35	2.41	0.00	0.51	2.40	1.11
(I) excessive cleaning	0.33	2.04	0.01	0.01	0.46	0.00	0.26	0.23	0.41
TOTAL FACTORY STOPPAGES	41.53	23.29	18.23	3.48	13.12	0.00	10.56	16.62	15.82
NON-FACTORY STOPPAGES									
(A) 1. public holiday	0.83	0.67	0.72	0.65	2.02	0.00	0.95	0.92	0.84
2. premeditated	1.32	0.54	2.69	0.14	8.06	0.00	0.85	0.69	1.79
(B) OUT OF CANE									
1. LABOUR									
a. industrial dispute	0.00	0.59	3.07	0.00	0.00	0.00	11.33	0.00	1.88
b. other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.68	1.46
2. weather	7.02	19.61	19.03	7.69	0.00	0.00	6.80	5.67	8.17
3. transport	1.73	0.00	0.92	0.00	0.39	0.00	0.00	0.00	0.38
4. farmers deliveries	3.15	1.03	2.58	6.23	8.99	0.00	0.53	6.08	3.55
5. Estate deliveries	4.57	1.29	11.75	0.34	4.37	0.00	0.69	17.68	5.09
7. mechanical	0.00	0.00	0.25	0.00	0.00	0.00	0.20	0.35	0.10
(C) other j.p.s	1.43	0.60	0.31	0.00	0.00	0.00	0.00	0.19	0.32
TOTAL NON -FACT. STOPPAGES	23.07	30.02	44.19	21.20	27.62	0.00	24.66	46.93	27.11
TOTAL ALL CAUSES	64.60	53.31	62.42	24.68	40.74	0.00	35.22	63.55	42.93
ACTUAL TIME GRINDING	35.40	46.69	37.58	75.32	59.26	0.00	64.78	36.45	57.07
TIME GRND % NET AVAIL TIME	36.50	49.51	38.69	80.26	61.59	0.00	67.00	37.84	59.16

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

TO DATE CANE QUALITY REPORT

WEEK NO. **2005**

FINAL

	BERNARD LODGE	WORTHY PARK	M/MUSK	APPLE- TON	FROME	LONG I POND	TROPIC ANA	AVG./TOTAL
TC REC'D AT CORE	174549.80	186690.35	118239.87	225225.88	479563.32	64785.54	113209.05	1362263.81
T. 96 SUGAR MADE	14052.73	21848.26	9339.93	21544.07	42514.48	4845.05	10425.98	124570.50
BRIX PRESS JUICE	17.64	19.22	18.65	18.53	19.38	17.89	19.36	18.86
POL PRESS JUICE	14.47	16.73	15.20	15.44	15.64	14.62	16.10	15.56
PURITY PRESS JUICE	82.03	87.04	81.50	83.32	80.70	81.72	83.16	82.49
PERCENTAGE TESTED	81.46	79.98	98.70	90.64	82.41	97.95	79.45	85.22
NO. OF SAMPLES TAKEN	13477	19505	10426	13279	55577	7276	13293	132833
BRIX CRUSHER	15.44	17.41	16.36	16.77	17.14	17.98	16.96	16.86
POL CRUSHER	12.74	15.25	13.32	14.11	14.23	14.48	13.95	14.07
PURITY CRUSHER	82.51	87.59	81.42	84.14	83.02	80.53	82.25	83.45
FIBRE % CANE (CORE)	18.12	15.02	18.39	17.29	17.08	17.40	19.80	17.32
FIBRE % CANE (FACT.)	15.11	12.92	15.72	14.57	15.47	18.28	18.49	15.33
POL % CANE (CORE)	11.14	13.56	11.65	12.05	12.25	11.39	12.05	12.15
POL % CANE (FACT.)	10.57	12.85	10.65	11.57	11.57	10.29	11.78	11.49
J.R.C.S (CORE)	9.51	12.22	9.90	10.45	10.42	9.75	10.21	10.46
TC/TS (CORE)	10.52	8.18	10.10	9.57	9.60	10.26	9.79	9.56
TC/TS (FACT.)	12.25	8.56	12.97	10.46	11.24	14.05	11.17	11.15
R.C.S (FACT.)	8.16	11.68	7.71	9.56	8.90	7.12	8.95	9.11
F.R.I	84.70	95.76	79.79	91.55	83.45	76.74	90.01	86.54
O.E. (REPORTED)	85.51	92.93	81.20	88.17	84.46	79.28	85.49	85.93
RED. POL EXT. (CORE)	92.75	93.99	92.64	93.08	93.17	93.04	92.08	93.07
RED. POL EXT. (REPT.)	90.44	94.75	91.19	92.70	91.17	91.48	91.64	91.88
FILTER CAKE (STD)								
UNDT LOSS (STD)								
B.H.E (STD)								
B.H.E (REPORTED)	93.28	98.27	88.06	94.73	92.27	85.10	93.36	93.01
B.H.E (CALCULATED)	95.54	98.47	92.56	94.83	95.70	86.31	93.65	95.03
POL BALANCE								

% POL LOSS CANE YARD	6.47	5.16	6.34	3.93	5.93	5.09	-0.62	5.01
% POL LOSS BAGASSE	11.14	5.18	10.77	8.35	10.65	11.53	13.32	9.86
% POL LOSS FILTER CAKE	0.19	1.13	1.01	0.74	0.56	0.70	0.80	0.69
% POL LOSS MOLASSES	11.24	6.98	14.27	12.32	12.23	10.52	11.43	11.43
% POL REC. SUGAR	68.72	81.98	64.74	75.23	68.84	62.44	72.73	71.34
% POL LOSS UNDT	2.24	-0.43	2.88	-0.57	1.80	9.71	2.34	1.67

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT
FINAL 2005

WEEK-ENDING

	BERNARD LODGE	WORTHY PARK	MONY- MUSK	APPLETON	FROME	LONG POND	TROPIC ANA	AVG./TOTAL
Tonne Cane Rec'd at Core	174549.80	186690.35	118239.87	225225.88	479563.32	64785.54	113209.05	1362263.81
Tonne 96 Sugar Made	14052.73	21848.26	9339.93	21544.07	42514.48	4845.05	10425.98	124570.50
Pol % Cane (core)	11.14	13.56	11.65	12.05	12.25	11.39	12.05	12.15
Pol % Cane (fact.)	10.57	12.85	10.65	11.57	11.57	10.29	11.78	11.49
j.r.c.s (core)	9.51	12.22	9.90	10.45	10.42	9.75	10.21	10.46
r.c.s (fact)	8.16	11.68	7.71	9.56	8.90	7.12	8.95	9.11
Tc/Ts (fact)	12.25	8.56	12.97	10.46	11.24	14.05	11.17	11.15
% Pol Loss Cane Yard	6.47	5.16	6.34	3.93	5.93	5.09	-0.62	5.01
Reduce Pol Ext. (Core)	92.75	93.99	92.64	93.08	93.17	93.04	92.08	93.07
Reduce Pol Ext. (Rept.)	90.44	94.75	91.19	92.70	91.17	91.48	91.64	91.88
B.H.E (Reported)	93.28	98.27	88.06	94.73	92.27	85.10	93.36	93.01
% Pol Loss Filter Cake	0.19	1.13	1.01	0.74	0.56	0.70	0.80	0.69
% Pol Loss Undetermined	2.24	-0.43	2.88	-0.57	1.80	9.71	2.34	1.67
% Pol Loss Molasses	11.24	6.98	14.27	12.32	12.23	10.52	11.43	11.43
B.H.E. (Calculated)	95.54	98.47	92.56	94.83	95.70	86.31	93.65	95.03
Final Molasses Brix	87.45	81.11	78.38	82.89	83.71	79.08	80.11	82.72
Final Molasses Purity	35.57	34.86	38.47	37.19	35.16	37.04	36.75	36.02
F.R.I	84.70	95.76	79.79	91.55	83.45	76.74	90.01	86.54
Purity Press Juice	82.03	87.04	81.50	83.32	80.70	81.72	83.16	82.49

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

Tonne Sugar	393.26	253.47	262.73	-15.59	923.02	65.89	-517.71	1365.07
r.c.s	8.28	11.84	8.12	9.56	9.06	7.58	8.75	9.24
Tc/Ts	12.08	8.45	12.31	10.46	11.04	13.19	11.43	10.82
f.r.i	87.03	96.88	82.03	91.47	86.93	77.75	85.72	88.37

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

Tonne Sugar	381.66	-168.63	169.34	89.34	986.71	97.52	51.36	1607.30
r.c.s	8.49	11.75	8.26	9.60	9.26	7.73	8.80	9.36
Tc/Ts	11.77	8.51	12.10	10.42	10.80	12.94	11.37	10.68
f.r.i	89.32	96.14	83.48	91.85	88.90	79.29	86.16	89.50

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

Tonne Sugar	-62.06	110.72	44.01	31.34	-19.96	5.97	21.74	131.76
r.c.s	8.46	11.81	8.30	9.61	9.26	7.74	8.82	9.37
Tc/Ts	11.82	8.47	12.05	10.40	10.80	12.92	11.34	10.67
f.r.i	88.95	96.63	83.86	91.98	88.86	79.39	86.35	89.60

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

Tonne Sugar	143.44	-361.54	170.20	-405.29	232.09	489.33	111.87	380.10
r.c.s	8.54	11.61	8.45	9.43	9.31	8.50	8.92	9.40
Tc/Ts	11.71	8.61	11.84	10.60	10.74	11.77	11.22	10.64
f.r.i	89.82	95.04	85.31	90.26	89.33	87.13	87.32	89.86

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

Tonne Sugar	225.54	158.90	319.52	1075.59	667.05	104.42	202.39	2753.42
Tot. Tonne 96 Sugar exp.	15134.57	21841.18	10305.73	22319.46	45303.39	5608.19	10295.62	130808.14
r.c.s	8.67	11.70	8.72	9.91	9.45	8.66	9.09	9.60
Tc/Ts	11.53	8.55	11.47	10.09	10.59	11.55	11.00	10.41
f.r.i.(Minimum attainable)	91.17	95.74	88.04	94.83	90.66	88.79	89.07	91.79

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

FINAL 2005

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

	BERNARD LODGE		WORTHY PARK		MONYMUSK		APPLETON	
F.R.I	Actual 84.70	Standard 91.00	Actual 95.76	Standard 91.00	Actual 79.79	Standard 91.00	Actual 91.55	Standard 91.00
Tonne Cane Rec'd at Core	174550	174550	186690	186690	118240	118240	225226	225226
Price/Tonne Sugar(\$)	32284.00	32284.00	32284.00	32284.00	32284.00	32284.00	32284.00	32284.00
Crop Avg. JRCS	9.5100	9.5100	12.2200	12.2200	9.9000	9.9000	10.4500	10.4500
Tonne Sugar Produced	14053	15106	21848	20760	9340	10652	21544	21418
Tc/Ts	12.41	11.56	8.55	8.99	12.66	11.10	10.45	10.52
Total Revenue from Sugar(\$)	\$453,678,335	\$487,672,879	\$705,349,226	\$670,226,826	\$301,530,300	\$343,896,590	\$695,528,756	\$691,454,033
Price/Tonne Cane(\$)	\$1,667.55	\$1,667.55	\$2,463.71	\$2,463.71	\$1,782.13	\$1,782.13	\$1,943.71	\$1,943.71
Total Revenue to Supplies(\$) *	\$291,070,455	\$291,070,455	\$459,950,015	\$459,950,015	\$210,718,293	\$210,718,293	\$437,773,113	\$437,773,113
Supplier's Share (%)	64.16	59.69	65.21	68.63	69.88	61.27	62.94	63.31
Total Revenue to Factory(\$)	\$162,607,880	\$196,602,424	\$245,399,210	\$210,276,811	\$90,812,007	\$133,178,296	\$257,755,643	\$253,680,920
Factory Share(%)	35.84	40.31	34.79	31.37	30.12	38.73	37.06	36.69
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$33,994,543.26)	\$0.00	\$35,122,399.57	\$0.00	(\$42,366,289.59)	\$0.00	\$4,074,723.17	\$0.00

	FROME		LONG POND		TROPIC ANA		AVG./TOTAL	
F.R.I	Actual 83.45	Standard 91.00	Actual 76.74	Standard 91.00	Actual 90.01	Standard 91.00	Actual 86.54	Standard 91.00
Tonne Cane Rec'd at Core	479563	479563	64786	64786	113209	113209	1362264	1362264
Price/Tonne Sugar(\$)	32284.00	32284.00	32284.00	32284.00	32284.00	32284.00	32284.00	32284.00
Crop Avg. JRCS	10.4200	10.4200	9.7500	9.7500	10.2106	10.2106	10.4606	10.4606
Tonne Sugar Produced	42514	45473	4845	5748	10426	10519	124571	129676
Tc/Ts	11.50	10.55	13.37	11.27	10.88	10.76	11.05	10.51
Total Revenue from Sugar(\$)	\$1,372,537,472	\$1,468,055,276	\$156,417,594	\$185,571,565	\$336,592,338	\$339,594,411	\$4,021,634,022	\$4,186,471,579
Price/Tonne Cane(\$)	\$1,934.89	\$1,934.89	\$1,738.06	\$1,738.06	\$1,873.37	\$1,873.37	\$1,946.83	\$1,946.83
Total Revenue to Supplies(\$) *	\$927,903,920	\$927,903,920	\$112,601,019	\$112,601,019	\$212,082,529	\$212,082,529	\$2,652,099,344	\$2,652,099,344
Supplier's Share (%)	67.60	63.21	71.99	60.68	63.01	62.45	65.95	63.35
Total Revenue to Factory(\$)	\$444,633,552	\$540,151,355	\$43,816,575	\$72,970,546	\$124,509,810	\$127,511,883	\$1,369,534,678	\$1,534,372,235
Factory Share(%)	32.40	36.79	28.01	39.32	36.99	37.55	34.05	36.65
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$95,517,803.30)	\$0.00	(\$29,153,970.53)	\$0.00	(\$3,002,073.07)	\$0.00	(\$164,837,557.01)	\$0.00

***STANDARD JRCS = 10.3451

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

F I N A L M O L A S S E S R E P O R T

WEEK-ENDING **2005**

	FACTORY			SIRI					
	HYDROMETER			HYDROMETER		REFRACTOMETER		PURITY	ASH
	BRIX	PURITY	POL	BRIX	PURITY	BRIX	POL		
APPLETON	83.77	34.80	29.16	83.55	35.95	79.40	30.03	37.82	11.79
FROME	84.09	35.13	29.53	83.82	35.32	81.09	29.63	36.54	8.56
LONG POND	79.24	36.65	29.05	78.38	41.52	74.81	32.52	43.50	7.96
MONYMUSK	79.05	37.97	29.80	78.94	40.40	74.09	31.71	43.09	11.41
BERNARD LODGE	87.21	35.54	30.99	85.29	38.02	79.94	32.44	40.59	12.54
TROPICANA	80.43	35.32	28.38	80.75	35.67	76.84	28.78	37.63	10.36
WORTHY PARK	80.96	34.64	28.06	83.88	33.00	80.08	27.67	34.57	12.24
AVERAGE	82.97	35.45	29.38	82.92	36.25	79.23	30.02	38.00	10.27