

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

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WEEKLY SUGAR QUALITY REPORT NO: FINAL

2012

SUGAR QUALITY RESULTS (TO-DATE FIGURES)

SPECIFICATIONS:		EXPORT	98.50	<0.35	<0.25	800-1300	3000-5000	<500.00	22-45	<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	26631.94	98.94	0.38	0.36	1346.20	2802.30	118.83	34.45	466.38	0.32	0.28
	L	0.00	0.00	0.00	0.00	#N/A	0.00	0.00	#N/A	#N/A	0.00	#N/A
	A	26631.94	98.94	0.38	0.36	#N/A	2802.30	118.83	#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	8756.62	98.77	0.38	0.31	1196.73	3277.94	234.74	16.59	381.68	0.34	0.28
	L	5743.22	98.77	0.51	0.41	#N/A	3099.40	251.53	#N/A	#N/A	0.32	#N/A
	A	14499.84	98.77	0.43	0.35	#N/A	3207.22	241.39	#N/A	#N/A	0.33	#N/A
FROME	E	22321.84	98.82	0.36	0.31	961.15	2641.32	378.57	32.64	737.93	0.26	0.32
	L	9488.17	98.92	0.30	0.28	#N/A	2375.51	280.97	#N/A	#N/A	0.26	#N/A
	A	31810.01	98.85	0.34	0.30	#N/A	2562.04	349.46	#N/A	#N/A	0.26	#N/A
EVERGLADES	E	3116.12	98.83	0.51	0.43	1351.32	2245.85	992.08	16.70	821.48	0.25	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	3116.12	98.83	0.51	0.43	#N/A	2245.85	992.08	#N/A	#N/A	0.25	#N/A
MONYMUSK	E	18563.97	98.58	0.39	0.27	902.58	2862.80	604.42	19.22	679.00	0.45	0.28
	L	6056.96	98.90	0.32	0.29	#N/A	2856.28	510.99	#N/A	#N/A	0.42	#N/A
	A	24620.93	98.66	0.37	0.28	#N/A	2861.19	581.44	#N/A	#N/A	0.44	#N/A
WORTHY PARK	E	19714.33	98.81	0.33	0.27	885.95	3208.40	227.28	28.27	186.03	0.34	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	19714.33	98.81	0.33	0.27	#N/A	3208.40	227.28	#N/A	#N/A	0.34	#N/A
TOTALS	E	99104.82	98.80	0.37	0.31	1144.12	2882.69	327.56	29.99	515.28	0.33	0.30
&	L	21288.35	98.87	0.36	0.32	#N/A	2707.59	338.47	#N/A	#N/A	0.32	#N/A
AVERAGES	A	120393.17	98.81	0.37	0.31	#N/A	2851.73	329.49	#N/A	#N/A	0.33	#N/A

REMARKS:

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

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

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WEEKLY SUGAR QUALITY REPORT

FINAL

2012

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	26631.94	98.80	0.38	98.94	0.38	0.14	48.61
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	14499.84	98.64	0.48	98.77	0.43	0.13	25.18
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	31810.01	98.72	0.31	98.85	0.34	0.13	61.24
EVER GLADES	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	3116.12	98.61	0.51	98.83	0.51	0.22	10.47
MONYMUSK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	24620.93	98.78	0.32	98.66	0.37	-0.12	-46.00
WORTHY PARK	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	19714.33	98.94	0.29	98.81	0.33	-0.13	-31.94
TOTALS & AVERAGES	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	120393.17	98.77	0.35	98.81	0.37	0.04	59.36

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

SUGAR INDUSTRY RESEARCH INSTITUTE
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WEEKLY SUGAR QUALITY REPORT

FINAL

2012

9/6/2012
BASE PRICE
PER TONNE
(US\$)
490.16

PROJECTED PENALTY OR PREMIUM APPLIED TO BASIS
PRICE ON TOTAL EXPORT BASED ON AMSTAR CONTRACT
=====

FACTORIES		EXPORT WEIGHT (TONNES)	POLARIZA- TION	SAFETY FACTOR	GRAIN SIZE	COLOUR AFF. RAW	COLOUR WHOLE RAW	DEXTRAN	ASH	TOTAL PEN/PREM (US\$)	REMARKS
APPLETON	WEEK TO DATE	0 26632	0 497293	0 -370887	0 7980	0 -21981	0 1683	0 -366414	0 -22435	0 -274762	
BERNARD LODGE	WEEK TO DATE	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
GOLDEN- GROVE	WEEK TO DATE	0 8757	0 157160	0 -61655	0 6589	0 1522	0 100	0 -66288	0 -5632	0 31796	
FROME	WEEK TO DATE	0 22322	0 403094	0 -185997	0 90304	0 18452	0 1441	0 -587799	0 -4891	0 -265396	
EVER GLADES	WEEK TO DATE	0 3116	0 56365	0 -61342	0 2099	0 -642	0 430	0 -95443	0 -1393	0 -99925	
MONYMUSK	WEEK TO DATE	0 18564	0 312911	0 -92901	0 17604	0 14770	0 682	0 -416527	0 -21452	0 -184913	
WORTHY PARK	WEEK TO DATE	0 19714	0 356812	0 -81337	0 11773	0 11207	0 484	0 -21962	0 -12645	0 264332	
TOTAL	WEEK TO DATE	0 99105	0 1783635	0 -854118	0 136348	0 23329	0 4819	0 -1554432	0 -68449	0 -528868	

REMARKS:

NA=NOT AVAILABLE

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

CANE QUALITY REPORT

FINAL 2012

	WORTHY PARK	MONY- MUSK	APPLE- TON	FROME	EVER GLADES	GOLDEN GROVE	AVG. TOTAL
TC REC'D AT CORE	189959.24	286543.27	323675.22	413420.21	61801.84	172919.00	1448318.78
T. 96 SUGAR MADE	21680.00	26329.00	29794.00	34278.00	3984.19	15523.00	131588.19
BRIX PRESS JUICE	18.68	19.08	16.69	18.08	17.90	17.08	17.92
POL PRESS JUICE	16.19	16.51	14.12	15.06	15.19	14.38	15.21
PURITY PRESS JUICE	86.67	86.53	84.60	83.30	84.86	84.19	84.84
PERCENTAGE TESTED	86.00	99.70	96.60	87.55	97.17	83.20	91.66
NO. OF SAMPLES TAKEN	14078	19069	15060	44422	4891	19067	116587
BRIX CRUSHER	16.83	17.26	15.59	16.16	17.50	15.76	16.35
POL CRUSHER	14.47	14.63	13.21	13.31	14.42	13.09	13.72
PURITY CRUSHER	85.98	84.76	84.73	82.36	82.40	83.06	83.93
FIBRE % CANE (CORE)	15.17	18.17	16.87	18.13	16.55	17.59	17.34
FIBRE % CANE (FACT.)	12.35	14.27	14.56	15.18	17.60	13.73	14.42
POL % CANE (CORE)	13.09	12.70	11.10	11.59	12.01	11.17	11.87
POL % CANE (FACT.)	12.33	11.89	10.91	11.12	10.95	11.24	11.39
J.R.C.S (CORE)	11.78	11.19	9.73	9.98	10.59	9.70	10.39
TC/TS (CORE)	8.49	8.94	10.28	10.02	9.44	10.31	9.62
TC/TS (FACT.)	8.76	11.29	10.85	12.71	14.48	11.17	11.39
R.C.S (FACT.)	11.42	8.86	9.22	7.87	6.91	8.95	8.92
F.R.I	96.95	82.10	95.20	83.05	65.06	92.55	87.77
O.E. (REPORTED)	95.58	79.30	90.55	77.79	70.70	85.81	83.93
RED. POL EXT. (CORE)	93.93	92.73	93.25	92.75	93.38	92.96	93.07
RED. POL EXT. (REPT.)	95.69	89.84	92.07	90.67	91.14	91.14	91.55
FILTER CAKE (STD) 0.60							
UNDT LOSS (STD) 1.30							
B.H.E (STD) 98.11							
B.H.E (REPORTED)	99.81	87.97	97.46	85.07	77.21	93.31	90.99
B.H.E (CALCULATED)	98.80	90.28	98.40	89.21	81.74	92.39	92.79
POL BALANCE							

% POL LOSS CANE YARD	5.81	2.86	1.28	-1.07	9.05	-0.95	1.58
% POL LOSS BAGASSE	4.00	11.50	9.33	11.82	12.31	9.94	9.97
% POL LOSS FILTER CAKE	1.19	0.94	0.43	0.83	0.67	0.42	0.75
% POL LOSS MOLASSES	6.10	9.77	9.83	13.58	11.97	8.12	10.29
% POL REC. SUGAR	82.89	68.60	79.09	67.81	54.15	76.31	72.90
% POL LOSS UNDT	0.01	6.32	0.03	7.05	11.85	6.16	4.51

DATE PRINTED:

OUTSTANDING REPORTS:

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT
FINAL 2012

	WORTHY PARK	MONY- MUSK	APPLETON	FROME	EVER GLADES	GOLDEN GROVE	AVG./TOTAL
Tonne Cane Rec'd at Core	189959.24	286543.27	323675.22	413420.21	61801.84	172919.00	1448318.78
Tonne 96 Sugar Made	21680.00	26329.00	29794.00	34278.00	3984.19	15523.00	131588.19
Pol % Cane (core)	13.09	12.70	11.10	11.59	12.01	11.17	11.87
Pol % Cane (fact.)	12.33	11.89	10.91	11.12	10.95	11.24	11.39
j.r.c.s (core)	11.78	11.19	9.73	9.98	10.59	9.70	10.39
r.c.s (fact)	11.42	8.86	9.22	7.87	6.91	8.95	8.92
Tc/Ts (fact)	8.76	11.29	10.85	12.71	14.48	11.17	11.39
% Pol Loss Cane Yard	5.81	2.86	1.28	-1.07	9.05	-0.95	1.58
Reduce Pol Ext. (Core)	93.93	92.73	93.25	92.75	93.38	92.96	93.07
Reduce Pol Ext. (Rept.)	95.69	89.84	92.07	90.67	91.14	91.14	91.55
B.H.E (Reported)	99.81	87.97	97.46	85.07	77.21	93.31	90.99
% Pol Loss Filter Cake	1.19	0.94	0.43	0.83	0.67	0.42	0.75
% Pol Loss Undetermined	0.01	6.32	0.03	7.05	11.85	6.16	4.51
% Pol Loss Molasses	6.10	9.77	9.83	13.58	11.97	8.12	10.29
B.H.E. (Calculated)	98.80	90.28	98.40	89.21	81.74	92.39	92.79
Final Molasses Brix	83.27	87.37	85.80	88.12	77.06	87.81	86.31
Final Molasses Purity	30.77	36.01	34.88	36.91	42.15	33.09	35.24
F.R.I	96.95	82.10	95.20	83.05	65.06	92.55	87.77
Purity Press Juice	86.67	86.53	84.60	83.30	84.86	84.19	84.84

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

Tonne Sugar	385.73	-350.51	-820.16	-2012.48	315.46	-798.52	-3280.48
r.c.s	11.62	9.07	8.95	7.80	6.96	8.52	8.86
Tc/Ts	8.61	11.03	11.17	12.81	14.37	11.74	11.29
f.r.i	98.61	81.02	92.00	78.20	65.70	87.79	85.25

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

Tonne Sugar	-383.24	921.72	367.22	853.29	143.87	303.76	2206.63
r.c.s	11.41	9.39	9.06	8.01	7.19	8.69	9.01
Tc/Ts	8.76	10.65	11.03	12.48	13.91	11.51	11.10
f.r.i	96.90	83.89	93.17	80.27	67.89	89.60	86.71

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

Tonne Sugar	121.78	101.37	-49.40	86.13	4.38	-27.28	236.98
r.c.s	11.48	9.42	9.05	8.03	7.20	8.68	9.03
Tc/Ts	8.71	10.61	11.05	12.45	13.89	11.53	11.08
f.r.i	97.44	84.21	93.01	80.48	67.96	89.43	86.87

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

Tonne Sugar	-264.56	1483.50	-368.70	2188.56	632.99	751.96	4423.75
r.c.s	11.34	9.94	8.94	8.56	8.22	9.11	9.33
Tc/Ts	8.82	10.06	11.19	11.68	12.16	10.98	10.71
f.r.i	96.26	88.84	91.84	85.78	77.63	93.92	89.81

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

Tonne Sugar	-33.84	414.01	314.65	868.11	206.44	68.85	1838.22
Tot. Tonne 96 Sugar exp.	21505.87	28899.08	29237.61	36261.61	5287.34	15821.77	137013.28
r.c.s	11.32	10.09	9.03	8.77	8.56	9.15	9.46
Tc/Ts	8.83	9.92	11.07	11.40	11.69	10.93	10.57
f.r.i.(Minimum attainable)	96.11	90.13	92.84	87.89	80.79	94.33	91.03

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

FINAL 2012

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 96.95	Standard 91.00	Actual 82.10	Standard 91.00	Actual 95.20	Standard 91.00
Tonne Cane Rec'd at Core	0	0	189959	189959	286543	286543	323675	323675
Price/Tonne Sugar(\$)	0.00	0.00	68250.00	68250.00	68250.00	68250.00	68250.00	68250.00
Crop Avg. JRCS	0.0000	0.0000	11.7800	11.7800	11.1900	11.1900	9.7300	9.7300
Tonne Sugar Produced	0	0	21680	20363	26329	29178	29794	28659
Tc/Ts	0.00	0.00	8.76	9.33	10.88	9.82	10.80	11.29
Total Revenue from Sugar(\$)	\$0	\$0	\$1,479,660,000	\$1,389,791,854	\$1,796,954,250	\$1,991,426,799	\$2,033,440,500	\$1,955,988,694
Price/Tonne Cane(\$)	\$0.00	\$0.00	\$4,897.55	\$4,897.55	\$4,531.11	\$4,531.11	\$3,624.35	\$3,624.35
Total Revenue to Supplies(\$) *	\$0	\$0	\$930,334,690	\$930,334,690	\$1,298,360,443	\$1,298,360,443	\$1,173,110,753	\$1,173,110,753
Supplier's Share (%)	0.00	0.00	62.87	66.94	72.25	65.20	57.69	59.98
Total Revenue to Factory(\$)	\$0	\$0	\$549,325,310	\$459,457,164	\$498,593,807	\$693,066,356	\$860,329,747	\$782,877,941
Factory Share(%)	0.00	0.00	37.13	33.06	27.75	34.80	42.31	40.02
Factory Gain/Loss for FRI Above/Below 91(\$)	\$0.00	\$0.00	\$89,868,145.90	\$0.00	(\$194,472,549.24)	\$0.00	\$77,451,805.95	\$0.00

	FROME		EVERGLADES		GOLDEN GROVE		AVERAGE/TOTAL	
F.R.I	Actual 83.05	Standard 91.00	Actual 65.06	Standard 91.00	Actual 92.55	Standard 91.00	Actual 87.77	Standard 91.00
Tonne Cane Rec'd at Core	413420	413420	61802	61802	172919	172919	1448319	1448319
Price/Tonne Sugar(\$)*	68250.00	68250.00	68250.00	68250.00	68250.00	68250.00	68250.00	68250.00
Crop Avg. JRCS	9.9800	9.9800	10.5900	10.5900	9.7000	9.7000	10.3922	10.3922
Tonne Sugar Produced	34278	37546	3984	5956	15523	15264	131588	136966
Tc/Ts	12.07	11.01	14.51	10.38	11.14	11.33	10.96	10.57
Total Revenue from Sugar(\$)	\$2,339,473,500	\$2,562,514,270	\$271,920,968	\$406,482,089	\$1,059,444,750	\$1,041,737,979	\$8,980,893,968	\$9,347,941,685
Price/Tonne Cane(\$)	\$3,779.61	\$3,779.61	\$4,158.47	\$4,158.47	\$3,605.71	\$3,605.71	\$4,035.63	\$4,035.63
Total Revenue to Supplies(\$) *	\$1,562,568,822	\$1,562,568,822	\$257,001,083	\$257,001,083	\$623,496,290	\$623,496,290	\$5,844,872,080	\$5,844,872,080
Supplier's Share (%)	66.79	60.98	94.51	63.23	58.85	59.85	65.08	62.53
Total Revenue to Factory(\$)	\$776,904,678	\$999,945,448	\$14,919,884	\$149,481,005	\$435,948,460	\$418,241,689	\$3,136,021,887	\$3,503,069,605
Factory Share(%)	33.21	39.02	5.49	36.77	41.15	40.15	34.92	37.47
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$223,040,770.12)	\$0.00	(\$134,561,121.17)	\$0.00	\$17,706,771.13	\$0.00	(\$367,047,717.55)	\$0.00

***STANDARD JRCS = 10.2484

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

BASE PRICE PER TONNE SUGAR IS \$ 68,250.00

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

(AS REPORTED BY THE FACTORIES)

2012

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>							
Estate Received	30,156.93	79,500.75	81,090.10	220,222.39	261,136.26	231,574.88	903,681.31
Farmer's Received	31,478.47	93,959.09	108,869.14	215,454.98	63,912.79	65,738.79	579,413.26
Total Received	61,635.40	173,459.84	189,959.24	435,677.37	325,049.05	297,313.67	1,483,094.57
Ground for sugar	55,717.84	172,919.13	189,889.13	435,677.37	323,165.85	297,313.67	1,474,682.99
Ground for distillery	5,213.46	0.00	70.11	0.00	1,883.20	0.00	7,166.77
Ground for other	704.10	540.71	0.00	0.00	0.00	0.00	1,244.81
Total ground	61,635.40	173,459.84	189,959.24	435,677.37	325,049.05	297,313.67	1,483,094.57
Percent pol	10.95	11.24	12.33	11.12	10.91	11.89	11.39
Percent fibre	17.60	13.76	12.35	15.18	14.56	14.27	14.43
Tonne/Tonne 96° sugar	14.48	11.17	8.76	12.71	10.85	11.29	11.41
Tonne 96° sugar	3,984.19	15,523.00	21,680.00	34,278.00	29,794.00	26,329.00	131,588.19
Lit. oil/ tonne 96° sugar	142.69	0.00	0.00	37.75	11.08	30.42	25.55
<u>MILLING</u>							
Tonne cane/hour	67.98	82.54	67.78	152.72	138.54	157.28	127.92
Tonne fibre/hour	11.97	11.36	8.25	23.19	20.17	22.45	18.62
Pol extraction	86.46	90.16	95.75	88.31	90.54	88.16	89.86
Reduced pol extraction	91.14	91.14	95.69	90.67	92.07	89.84	91.53
Wholly reduced extraction	91.57	91.96	95.76	91.44	92.91	90.14	92.12
Absolute juice lost% fibre	62.01	61.99	30.16	65.66	55.52	75.97	60.38
Pol lost % fibre	8.43	8.04	4.24	8.56	8.08	9.86	8.10
Imbibition % cane	20.41	24.70	21.87	19.99	22.37	22.28	21.78
Imbibition % fibre	115.96	179.49	177.11	131.67	153.69	156.05	152.14
Bagasse % pol	3.67	3.60	2.03	3.74	3.20	4.09	3.45
Bagasse % moisture	51.40	50.36	49.60	51.33	50.82	53.33	51.29
1st. expressed juice: Brix	17.50	15.76	16.83	16.16	15.59	17.26	16.35
1st. expressed juice: Purity	82.40	83.06	86.00	82.32	84.73	84.78	83.90
Absolute juice: Brix	17.04	16.12	16.67	16.37	15.45	16.76	16.28
Absolute juice: Purity	79.47	80.85	84.40	80.09	82.65	82.74	81.80
Mixed juice: Brix	14.97	13.21	14.50	14.26	12.93	14.31	13.92
Mixed juice: purity	80.63	81.61	84.83	80.79	82.99	83.44	82.41
Reducing sugar/pol ratio	9.11	16.09	0.00	0.00	14.40	7.11	6.84
Last expressed juice: Brix	7.80	4.93	3.73	6.88	5.26	7.24	6.00
Last expressed juice: purity	73.72	74.68	75.58	75.18	79.13	77.89	76.52
Evaporator supply juice: Brix	15.01	12.82	13.98	14.16	9.33	14.75	13.08

	EVER GLADES	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>							
Evaporator supply juice: Purity	81.21	83.17	84.30	79.80	80.79	83.21	81.73
Syrup: Brix	61.86	60.94	60.10	56.89	60.59	60.17	59.45
Syrup: Purity	81.88	83.98	85.24	80.38	81.49	83.09	82.27
Filter cake: Pol	3.29	2.78	4.30	3.12	1.11	3.07	2.79
Filter cake: Moisture	72.15	70.98	69.22	72.88	68.17	69.31	70.41
Filter cake % cane	2.72	1.70	3.64	2.92	4.65	3.75	3.41
<u>FINAL MOLASSES</u>							
Brix	77.06	87.81	83.27	88.12	85.80	87.37	86.34
Purity	42.15	33.09	30.77	36.91	34.88	36.01	35.27
Weight % cane	4.20	3.11	3.12	4.59	3.63	3.80	3.84
BHE Winter Carp	77.21	93.31	99.81	85.07	97.46	87.97	90.89
<u>COMMERCIAL SUGAR</u>							
Tonne	3,853.00	14,944.00	20,820.00	32,920.00	28,603.00	25,276.00	126,416.00
Pol export raw	98.63	98.63	98.93	98.67	98.78	98.79	98.75
Pol all sugar	98.65	98.63	98.93	98.72	98.78	98.77	98.76
Moisture: Export raw	0.50	0.47	0.30	0.33	0.39	0.31	0.36
Moisture: All sugar	0.50	0.49	0.30	0.31	0.39	0.32	0.36
<u>POL BALANCE</u>							
POL: Sugar	64.47	83.84	91.84	75.97	87.98	80.10	81.91
Molasses	15.22	8.92	6.76	15.21	11.00	11.41	11.71
Filter cake	0.86	0.47	1.32	0.93	0.48	1.08	0.85
To distillery	5.20	0.00	0.04	0.00	0.41	0.00	0.31
Undetermined	14.25	6.77	0.04	7.90	0.06	7.41	5.21

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

YEAR TO DATE TIME ACCOUNT

REPORT NO: FINAL

2012

	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	1.93	5.67	5.91	1.91	4.96	3.83	4.01
NET AVAILABLE TIME	98.07	94.33	94.09	98.09	95.04	96.17	95.99
(A) mechanical	15.45	4.67	1.10	9.82	2.44	13.96	7.98
(B) electrical	0.65	1.84	0.27	3.65	0.75	1.50	1.45
(C) knife choke	0.27	0.19	0.22	0.21	0.51	0.36	0.29
(D) mill choke	0.19	0.01	0.01	0.00	0.21	0.11	0.09
(E) steam	2.59	5.23	0.79	0.86	0.03	0.12	1.60
(F) process	6.75	0.26	0.14	6.56	0.04	0.07	2.35
(G) LABOUR							0.00
1. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. other	9.15	1.50	0.00	2.01	0.46	1.56	2.48
(H) extraneous matter	4.19	0.63	0.14	3.40	0.94	4.49	2.32
(I) excessive cleaning	0.97	2.50	0.00	0.19	0.00	0.06	0.62
TOTAL FACTORY STOPPAGES	40.21	16.83	2.67	26.70	5.38	22.23	19.19
NON-FACTORY STOPPAGES							
(A) 1. public holiday	0.97	3.15	0.64	2.55	2.35	0.77	1.74
2. premeditated	2.30	3.23	0.00	6.68	2.81	0.77	2.65
(B) OUT OF CANE							
1. LABOUR							
a. industrial dispute	0.00	0.00	0.00	0.11	0.00	0.00	0.02
b. other	0.00	0.00	0.00	0.00	0.01	0.00	0.00
2. weather	6.40	7.21	8.18	0.00	19.99	6.02	7.91
3. transport	0.18	0.03	8.02	0.00	0.26	0.00	1.39
4. farmers deliveries	5.38	4.14	0.00	6.80	2.08	0.70	3.21
5. Estate deliveries	5.66	4.27	0.00	4.76	2.50	4.40	3.62
7. mechanical	0.00	0.00	0.00	0.00	1.97	0.10	0.34
(C) other J.P.S.	0.48	0.20	0.00	0.00	0.00	0.93	0.27
Poor water supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NON -FACT. STOPPAGES	23.30	27.90	22.75	22.81	36.93	17.52	25.16
TOTAL ALL CAUSES	63.51	44.73	25.42	49.51	42.31	39.75	44.36
ACTUAL TIME GRINDING	36.49	55.27	74.58	50.49	57.69	60.25	55.64
TIME GRND % NET AVAIL TIME	37.21	58.59	79.26	51.47	60.70	62.65	57.97

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

M O L A S S E S R E P O R T				F I N A L				2012	
	F A C T O R Y			S I R I					
	HYDROMETER B R I X	P U R I T Y	P O L	HYDROMETER B R I X	P U R I T Y	REFRACTOMETER B R I X	P O L	P U R I T Y	A S H
APPLETON	85.61	34.42	29.44	82.60	32.89	77.71	28.50	34.96	12.93
FROME	88.13	37.72	33.23	82.41	36.43	80.29	32.39	37.88	7.97
EVERGLADES	76.82	39.51	30.32	77.28	49.72	74.63	38.38	51.46	7.29
MONYMUSK	87.42	35.89	31.36	81.29	34.61	75.73	30.06	37.14	12.91
BERNARD LODGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOLDEN GROVE	87.82	32.52	28.57	84.60	29.49	79.82	25.96	31.26	13.40
WORTHY PARK	83.16	28.34	23.58	86.39	28.33	83.20	24.54	29.49	14.03
AVERAGE	86.43	35.22	30.45	82.64	34.33	78.82	29.87	36.14	11.19