

SUGAR INDUSTRY RESEARCH INSTITUTE

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FINAL SUGAR QUALITY REPORT

2017

SUGAR QUALITY RESULTS

SPECIFICATIONS:		EXPORT LOCAL	98.50 ≥98	<0.35 ≤0.50	<0.25 ≤0.25	800-1500 -	3000-6000 ≤3500	<500 ≤400	22-52 10	<250.00 -	≤0.50	≤1.0	
FACTORIES		WEIGHT TONNES	POLARI- ZATION °Z	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 %	STARCH ppm
APPLETON	E	17113.82	98.21	0.57	0.32	2137.16	4278.79	293.71	46.13	998.35	0.32	0.62	159.90
	L	353.75	99.22	0.21	0.27	#N/A	3124.00	158.00	#N/A	517.00	0.23	#N/A	#N/A
	A	17467.57	98.23	0.57	0.32	#N/A	4255.41	290.96	#N/A	#N/A	0.31	#N/A	#N/A
FROME	E	3600.00	99.03	0.24	0.25	1131.33	2413.98	234.60	19.64	426.93	0.21	0.46	173.45
	L	15998.00	99.00	0.25	0.25	#N/A	2389.79	273.30	#N/A	0.00	0.20	#N/A	#N/A
	A	19598.00	99.01	0.25	0.25	#N/A	2394.23	266.19	#N/A	#N/A	0.20	#N/A	#N/A
GOLDENGROVE	E	436.30	99.59	0.06	0.15	1328.00	2006.00	72.00	28.00	155.00	0.14	0.21	90.00
	L	9166.95	99.18	0.18	0.22	#N/A	2778.05	568.50	#N/A	346.47	0.24	#N/A	#N/A
	A	9603.25	99.19	0.17	0.21	#N/A	2742.97	545.94	#N/A	#N/A	0.23	#N/A	#N/A
MONYMUSK	E	4962.18	98.69	0.39	0.30	1807.54	3632.12	597.38	17.09	1179.14	0.41	0.37	201.40
	L	3120.00	98.49	0.45	0.30	#N/A	3417.02	387.07	#N/A	672.59	0.42	#N/A	#N/A
	A	8082.18	98.61	0.41	0.30	#N/A	3549.08	516.19	#N/A	#N/A	0.41	#N/A	#N/A
WORTHY PARK	E	6609.75	99.19	0.25	0.31	1085.32	2316.92	398.72	11.90	174.35	0.24	0.37	141.32
	L	16281.50	99.04	0.28	0.29	#N/A	2686.75	232.68	#N/A	448.76	0.26	#N/A	#N/A
	A	22891.25	99.09	0.27	0.29	#N/A	2579.96	280.62	#N/A	#N/A	0.26	#N/A	#N/A
TOTALS & AVERAGES	E	32722.05	98.59	0.44	0.31	1799.73	3548.97	351.51	32.69	785.21	0.31	0.51	163.00
	L	44920.20	99.02	0.26	0.26	#N/A	2653.79	325.81	#N/A	376.43	0.25	#N/A	0.00
	A	77642.25	98.84	0.33	0.29	#N/A	3031.06	336.64	#N/A	#N/A	0.27	#N/A	0.00

REMARKS:

A=AVERAGE OR TOTAL

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

SUGAR INDUSTRY RESEARCH INSTITUTE

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FINAL SUGAR QUALITY REPORT

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

		FACTORIES			SIRI LAB		DIFFERENCES	
FACTORIES		TONNES COMMER. SUGAR	°Z POL	% MOISTURE	°Z POL	% MOISTURE	°Z POL	TONNES 96° SUGAR
APPLETON	WEEK	765.69	98.82	0.19	99.24	0.20	0.42	6.99
	TO DATE	17467.57	93.30	0.43	98.23	0.57	4.93	894.35
FROME	WEEK	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TO DATE	18587.16	98.68	0.21	99.02	0.24	0.34	110.10
GOLDEN- GROVE	WEEK	436.30	99.01	0.24	99.59	0.06	0.58	3.72
	TO DATE	9603.25	98.98	0.27	99.19	0.17	0.22	27.93
MONYMUSK	WEEK	786.00	98.23	0.30	98.45	0.42	0.22	3.71
	TO DATE	8082.18	98.56	0.31	98.61	0.41	0.06	14.74
WORTHY PARK	WEEK	592.40	99.20	0.27	99.07	0.20	-0.13	-1.55
	TO DATE	22891.25	99.27	0.25	99.09	0.27	-0.18	-62.26
TOTALS & AVERAGES	WEEK	2580.39	98.76	0.25	99.02	0.24	0.26	12.08
	TO DATE	76631.41	97.65	0.29	98.84	0.33	1.19	1357.00

REMARKS:

L=LOCAL SUGAR
NA=NOT AVAILABLE

SUGAR INDUSTRY RESEARCH INSTITUTE

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FINAL SUGAR QUALITY REPORT

FINAL SUGAR QUALITY REPORT										2017 BASE PRICE PER TONNE (US\$) 490.16	
PROJECTED PENALTY OR PREMIUM APPLIED TO BASIS PRICE ON TOTAL EXPORT BASED ON AMSTAR CONTRACT										TO-DATE =====	
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	412	7976	0	0	-1783	0	-7079	-267	-1153	
	TO DATE	17114	240197	-133843	92519	-132603	-17	-719758	-3437	-656942	
FROME	WEEK	0	0	0	0	0	0	0	0	0	
	TO DATE	3600	69107	-2834	1350	457	372	-45298	-327	22829	
GOLDEN- GROVE	WEEK	436	8447	0	0	0	77	0	-112	8412	
	TO DATE	436	8447	0	0	0	77	0	-112	8412	
MONYMUSK	WEEK	0	0	0	0	0	0	0	0	0	
	TO DATE	4962	86660	-6633	3187	-27454	0	-264602	-5207	-214048	
WORTHY PARK	WEEK	592	11470	0	871	0	0	0	-266	12075	
	TO DATE	6610	127973	-64698	8178	0	802	-133	-3614	68508	
TOTAL	WEEK	1441	27893	0	871	-1783	77	-7079	-644	19334	
	TO DATE	32722	532385	-208007	105234	-159600	1233	-1029791	-12697	-771243	

REMARKS:

NA=NOT AVAILABLE

SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION

CANE QUALITY REPORT

FINAL 2017

	WORTHY PARK	MONY- MUSK	APPLE- TON	FROME	GOLDEN GROVE	AVG. TOTAL
TC REC'D AT CORE	261616.30	176029.10	299421.49	247375.70	149045.17	1133487.76
T. 96 SUGAR MADE	26076.00	11230.00	18936.00	20451.00	11297.00	87990.00
BRIX PRESS JUICE	17.31	17.83	16.19	18.20	15.84	17.10
POL PRESS JUICE	14.66	14.52	13.20	15.24	13.32	14.20
PURITY PRESS JUICE	84.69	81.43	81.53	83.74	84.09	83.06
PERCENTAGE TESTED	87.24	86.78	87.05	69.94	68.23	80.84
NO. OF SAMPLES TAKEN	16141	8595	21371	21217	12038	79362
BRIX CRUSHER	15.82	15.96	14.99	16.25	14.40	15.53
POL CRUSHER	13.50	12.60	12.36	13.28	11.72	12.78
PURITY CRUSHER	85.34	78.95	82.45	81.72	81.39	82.28
FIBRE % CANE (CORE)	15.00	17.68	17.27	18.56	17.81	17.16
FIBRE % CANE (FACT.)	13.42	14.54	16.25	15.15	15.75	15.03
POL % CANE (CORE)	11.90	11.27	10.33	11.66	10.32	11.13
POL % CANE (FACT.)	11.15	9.98	10.03	11.18	9.98	10.53
J.R.C.S (CORE)	10.57	9.59	8.84	10.02	8.94	9.63
TC/TS (CORE)	9.46	10.43	11.31	9.97	11.19	10.39
TC/TS (FACT.)	10.03	15.67	15.72	12.08	13.37	13.30
R.C.S (FACT.)	9.97	6.38	6.36	8.28	7.48	7.76
F.R.I	94.35	66.79	72.31	82.46	84.74	80.39
O.E. (REPORTED)	93.32	71.59	72.49	80.72	83.40	80.39
RED. POL EXT. (CORE)	94.00	92.93	93.09	92.58	92.88	93.14
RED. POL EXT. (REPT.)	95.39	93.13	89.05	93.58	91.75	92.49
FILTER CAKE (STD) 0.60						
UNDT LOSS (STD) 1.30						
B.H.E (STD) 98.11						
B.H.E (REPORTED)	97.38	75.85	79.82	85.80	89.49	85.83
B.H.E (CALCULATED)	97.90	85.50	85.14	91.38	91.42	90.33
POL BALANCE						

% POL LOSS CANE YARD	6.27	11.47	2.51	4.26	1.99	5.08
% POL LOSS BAGASSE	4.69	7.25	14.52	7.69	10.35	9.08
% POL LOSS FILTER CAKE	0.36	0.97	0.97	1.06	0.40	0.77
% POL LOSS MOLASSES	8.52	19.57	17.59	13.99	11.98	14.28
% POL REC. SUGAR	79.34	53.64	58.33	67.29	69.59	65.89
% POL LOSS UNDT	0.82	7.10	6.08	5.70	5.70	4.89

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SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION
CORE AUDIT REPORT
FINAL 2017

	WORTHY PARK	MONY- MUSK	APPLETON	FROME	GOLDEN GROVE	AVG./TOTAL
Tonne Cane Rec'd at Core	261616.30	176029.10	299421.49	247375.70	149045.17	1133487.76
Tonne 96 Sugar Made	26076.00	11230.00	18936.00	20451.00	11297.00	87990.00
Pol % Cane (core)	11.90	11.27	10.33	11.66	10.32	11.13
Pol % Cane (fact.)	11.15	9.98	10.03	11.18	9.98	10.53
j.r.c.s (core)	10.57	9.59	8.84	10.02	8.94	9.63
r.c.s (fact)	9.97	6.38	6.36	8.28	7.48	7.76
Tc/Ts (fact)	10.03	15.67	15.72	12.08	13.37	13.30
% Pol Loss Cane Yard	6.27	11.47	2.51	4.26	1.99	5.08
Reduce Pol Ext. (Core)	94.00	92.93	93.09	92.58	92.88	93.14
Reduce Pol Ext. (Rept.)	95.39	93.13	89.05	93.58	91.75	92.49
B.H.E (Reported)	97.38	75.85	79.82	85.80	89.49	85.83
% Pol Loss Filter Cake	0.36	0.97	0.97	1.06	0.40	0.77
% Pol Loss Undetermined	0.82	7.10	6.08	5.70	5.70	4.89
% Pol Loss Molasses	8.52	19.57	17.59	13.99	11.98	14.28
B.H.E. (Calculated)	97.90	85.50	85.14	91.38	91.42	90.33
Final Molasses Brix	83.20	85.42	81.26	80.37	85.28	82.69
Final Molasses Purity	34.33	40.14	47.14	36.39	36.17	39.31
F.R.I	94.35	66.79	72.31	82.46	84.74	80.39
Purity Press Juice	84.69	81.43	81.53	83.74	84.09	83.06

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

Tonne Sugar	597.92	1211.94	-377.22	61.94	-257.53	1237.05
r.c.s	10.20	7.07	6.20	8.29	7.41	7.87
Tc/Ts	9.81	14.15	16.13	12.06	13.50	12.70
f.r.i	96.46	73.70	70.12	82.76	82.85	81.77

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

Tonne Sugar	-374.38	-33.87	1057.36	-248.90	149.22	549.43
r.c.s	10.05	7.05	6.55	8.19	7.51	7.92
Tc/Ts	9.95	14.19	15.26	12.21	13.32	12.63
f.r.i	95.11	73.50	74.11	81.75	83.97	82.28

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

Tonne Sugar	-60.35	57.33	89.69	106.07	-25.07	167.67
r.c.s	10.03	7.08	6.58	8.23	7.49	7.94
Tc/Ts	9.97	14.12	15.19	12.14	13.35	12.60
f.r.i	94.89	73.84	74.45	82.18	83.78	82.43

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

Tonne Sugar	-121.90	904.01	1162.83	1010.60	540.96	3496.51
r.c.s	9.98	7.60	6.97	8.64	7.85	8.24
Tc/Ts	10.02	13.17	14.35	11.57	12.73	12.13
f.r.i	94.45	79.20	78.84	86.26	87.84	85.64

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

Tonne Sugar	173.78	750.26	1621.72	494.86	217.69	3258.31
Tot. Tonne 96 Sugar exp.	26291.07	14119.68	22490.38	21875.57	11922.28	96698.98
r.c.s	10.05	8.02	7.51	8.84	8.00	8.53
Tc/Ts	9.95	12.47	13.31	11.31	12.50	11.72
f.r.i.(Minimum attainable)	95.08	83.64	84.97	88.25	89.48	88.62

**SUGAR INDUSTRY RESEARCH INSTITUTE
FACTORY TECHNOLOGY DIVISION**

FINAL 2017

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 94.35	Standard 91.00	Actual 66.79	Standard 91.00	Actual 72.31	Standard 91.00
Tonne Cane Rec'd at Core	0	0	261616	261616	176029	176029	299421	299421
Price/Tonne Sugar(\$)	0.00	0.00	72954.94	72954.94	72665.45	72665.45	73061.09	73061.09
Crop Avg. JRCS	0.0000	0.0000	10.5700	10.5700	9.5900	9.5900	8.8400	8.8400
Tonne Sugar Produced	0	0	26076	25164	11230	15362	18936	24087
Tc/Ts	0.00	0.00	10.03	10.40	15.61	11.46	15.64	12.43
Total Revenue from Sugar(\$)	\$0	\$0	\$1,902,373,015	\$1,835,844,461	\$816,033,004	\$1,116,278,179	\$1,383,484,800	\$1,759,797,805
Price/Tonne Cane(\$)	\$0.00	\$0.00	\$4,464.66	\$4,464.66	\$3,798.91	\$3,798.91	\$3,320.96	\$3,320.96
Total Revenue to Supplies(\$) *	\$0	\$0	\$1,168,027,814	\$1,168,027,814	\$668,719,306	\$668,719,306	\$994,365,389	\$994,365,389
Supplier's Share (%)	0.00	0.00	61.40	63.62	81.95	59.91	71.87	56.50
Total Revenue to Factory(\$)	\$0	\$0	\$734,345,201	\$667,816,646	\$147,313,698	\$447,558,874	\$389,119,411	\$765,432,416
Factory Share(%)	0.00	0.00	38.60	36.38	18.05	40.09	28.13	43.50
Factory Gain/Loss for FRI Above/Below 91(\$)	\$0.00	\$0.00	\$66,528,554.69	\$0.00	(\$300,245,175.90)	\$0.00	(\$376,313,004.90)	\$0.00
Base Price			\$ 71,373.00		\$ 71,373.00		\$ 71,373.00	

	FROME		EVERGLADES		GOLDEN GROVE		AVERAGE/TOTAL	
F.R.I	Actual 82.46	Standard 91.00	Actual 0.00	Standard 91.00	Actual 84.74	Standard 91.00	Actual 80.39	Standard 91.00
Tonne Cane Rec'd at Core	247376	247376	0	0	149045	149045	1133488	1133488
Price/Tonne Sugar(\$)*	72884.91	72884.91	72418.72	72418.72	72833.61	72833.61	72908.98	72908.98
Crop Avg. JRCS	10.0200	10.0200	0.0000	0.0000	8.9400	8.9400	9.6264	9.6264
Tonne Sugar Produced	20451	22556	0	0	11297	12125	87990	99294
Tc/Ts	12.10	10.97	0.00	0.00	13.20	12.29	12.92	11.42
Total Revenue from Sugar(\$)	\$1,490,569,294	\$1,644,007,414	\$0	\$0	\$822,801,292	\$883,138,167	\$6,415,261,406	\$7,239,443,852
Price/Tonne Cane(\$)	\$4,095.59	\$4,095.59	\$0.00	\$0.00	\$3,376.89	\$3,376.89	\$3,835.83	\$3,835.83
Total Revenue to Supplies(\$) *	\$1,013,148,282	\$1,013,148,282	\$0	\$0	\$503,309,727	\$503,309,727	\$4,347,861,197	\$4,347,861,197
Supplier's Share (%)	67.97	61.63	0.00	0.00	61.17	56.99	67.77	60.06
Total Revenue to Factory(\$)	\$477,421,013	\$630,859,133	\$0	\$0	\$319,491,565	\$379,828,440	\$2,067,400,209	\$2,891,582,655
Factory Share(%)	32.03	38.37	0.00	0.00	38.83	43.01	32.23	39.94
Factory Gain/Loss for FRI Above/Below 91(\$)	(\$153,438,119.91)	\$0.00	\$0.00	\$0.00	(\$60,336,874.56)	\$0.00	(\$823,804,620.58)	\$0.00

***STANDARD JRCS = 10.1239

* PAYMENT FOR SUB-STANDARD CANE PROCESSED NOT INCLUDED.

BASE PRICE PER TONNE SUGAR IS \$ 71,373.00

SUGAR INDUSTRY RESEARCH INSTITUTE

FINAL

(AS REPORTED BY THE FACTORIES)

2017

	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>						
Estate Received	66,255.85	95,566.90	140,823.10	188,856.26	0.00	491,502.11
Farmer's Received	84,962.71	166,059.40	106,255.67	110,565.23	179,192.75	647,035.76
Total Received	151,218.56	261,626.30	247,078.77	299,421.49	179,192.75	1,138,537.87
Ground for sugar	141,773.49	261,582.47	247,078.77	297,603.12	176,029.10	1,124,066.95
Ground for distillery	0.00	33.83	0.00	3,081.73	0.00	3,115.56
Ground for other	2,132.91	0.00	0.00	0.00	0.00	2,132.91
Total ground	143,906.40	261,616.30	247,078.77	300,684.85	176,029.10	1,129,315.42
Percent pol	9.98	11.15	11.18	10.03	9.98	10.53
Percent fibre	15.75	13.42	15.15	16.25	14.54	15.02
Tonne/Tonne 96° sugar	13.37	10.03	12.08	15.72	15.67	13.30
Tonne 96° sugar	11,297.00	26,076.00	20,451.00	18,936.00	11,230.00	87,990.00
Lit. oil/ tonne 96° sugar	0.00	0.00	112,450.00	492,216.00	1,988,731.00	726,534.57
<u>MILLING</u>						
Tonne cane/hour	76.56	70.26	174.04	118.55	118.39	114.13
Tonne fibre/hour	12.06	9.42	26.37	19.27	17.22	17.30
Pol extraction	89.44	95.00	91.97	85.12	91.82	90.50
Reduced pol extraction	91.75	95.39	93.58	89.05	93.13	92.49
Wholly reduced extraction	93.20	95.83	94.08	90.82	94.38	93.55
Absolute juice lost% fibre	57.73	32.26	45.11	76.68	54.19	53.56
Pol lost % fibre	6.80	4.17	5.92	12.46	5.62	7.32
Imbibition % cane	27.19	19.53	23.63	18.28	19.36	21.04
Imbibition % fibre	172.60	145.55	155.92	112.51	133.13	140.53
Bagasse % pol	3.05	1.96	2.65	4.13	2.43	2.90
Bagasse % moisture	51.04	50.39	51.75	49.70	53.09	51.01
1st. expressed juice: Brix	14.40	15.82	16.25	14.99	15.96	15.53
1st. expressed juice: Purity	81.40	85.33	81.76	82.45	78.95	82.29
Absolute juice: Brix	14.92	15.41	16.46	15.20	15.22	15.49
Absolute juice: Purity	79.26	83.58	80.03	78.77	76.73	79.90
Mixed juice: Brix	12.06	13.85	14.23	13.15	13.76	13.50
Mixed juice: purity	79.95	84.04	80.49	79.09	77.58	80.42
Reducing sugar/pol ratio	18.27	0.00	0.00	28.02	11.63	21.11
Last expressed juice: Brix	4.75	4.13	4.10	6.73	3.85	4.85
Last expressed juice: purity	73.22	76.03	75.11	75.76	68.20	74.18
Evaporator supply juice: Brix	11.66	13.55	14.16	9.69	13.73	12.44

	GOLDEN GROVE	WORTHY PARK	FROME	APPLETON	MONYMUSK	YEAR TO DATE
<u>CANE</u>						
Evaporator supply juice: Purity	80.65	83.52	80.77	81.25	77.13	80.95
Syrup: Brix	59.73	59.44	59.94	61.68	52.76	59.14
Syrup: Purity	81.73	84.30	81.01	77.38	76.54	80.20
Filter cake: Pol	2.30	1.55	3.60	2.00	2.08	2.30
Filter cake: Moisture	70.49	69.46	71.51	70.80	73.15	70.97
Filter cake % cane	1.76	2.78	3.44	4.78	5.24	3.71
<u>FINAL MOLASSES</u>						
Brix	85.28	83.20	80.37	81.26	85.42	82.68
Purity	36.17	34.33	36.39	47.14	40.14	39.33
Weight % cane	3.95	3.59	5.58	4.79	6.43	4.83
BHE Winter Carp	89.49	97.38	85.80	79.82	75.85	85.81
<u>COMMERCIAL SUGAR</u>						
Tonne	10,817.05	24,879.15	19,671.00	18,178.88	10,801.93	84,348.01
Pol export raw	0.00	99.41	98.67	98.34	98.60	98.75
Pol all sugar	98.96	99.24	98.68	98.36	98.52	98.74
Moisture: Export raw	0.00	0.25	0.22	0.49	0.32	0.33
Moisture: All sugar	0.27	0.25	0.21	0.47	0.32	0.31
<u>POL BALANCE</u>						
POL: Sugar		89.10	76.43	69.61	65.99	66.18
Molasses		9.57	15.89	21.21	24.08	15.09
Filter cake		0.41	1.21	1.17	1.19	0.86
To distillery		0.00	0.00	0.60	0.00	0.60
Undetermined		0.92	5.48	7.33	8.74	4.73

SUGAR INDUSTRY RESEARCH INSTITUTE

YEAR TO DATE TIME ACCOUNT

2017

	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.
GROSS AVAILABLE TIME	100.00	100.00	100.00	100.00	100.00	100.00
WEEK END CLEANING	1.70	5.81	0.52	3.11	0.95	2.38
NET AVAILABLE TIME	98.30	94.19	99.48	96.89	99.05	97.62
(A) mechanical	3.66	1.09	5.36	7.45	11.67	5.89
(B) electrical	0.62	0.41	2.09	2.18	2.27	1.52
(C) knife choke	0.40	0.27	0.32	0.30	0.00	0.26
(D) mill choke	0.11	0.01	0.48	0.29	0.09	0.20
(E) steam	4.47	1.16	1.29	1.31	2.89	2.23
(F) process	0.01	1.02	1.28	0.10	0.98	0.68
(G) LABOUR						
1. industrial dispute	0.00	0.00	0.00	0.00	0.00	0.00
2. other	1.26	0.00	0.29	0.73	1.52	0.77
(H) extraneous matter	1.09	0.34	1.27	1.32	1.60	1.13
(I) excessive cleaning	0.39	0.00	0.00	0.25	0.05	0.14
TOTAL FACTORY STOPPAGES	12.01	4.30	12.38	13.93	21.07	12.82
NON-FACTORY STOPPAGES						
(A) 1. public holiday	0.49	0.49	3.14	0.51	0.63	1.06
2. premeditated	0.28	0.00	1.48	0.68	1.60	0.82
(B) OUT OF CANE						
1. LABOUR						
a. industrial dispute	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
2. weather	34.26	8.82	0.00	26.06	29.50	19.77
3. transport	0.22	5.19	0.00	0.00	0.00	1.05
4. farmers deliveries	4.19	0.00	9.55	1.02	5.81	4.17
5. Estate deliveries	5.87	0.00	11.04	1.11	0.00	3.65
7. mechanical	0.00	0.00	0.00	0.12	0.50	0.13
(C) other J.P.S.	0.99	0.00	0.00	0.00	0.00	0.20
Poor water supply	0.00	0.00	0.00	0.00	0.65	0.13
TOTAL NON -FACT. STOPPAGES	48.00	20.31	25.73	32.61	39.64	33.36
TOTAL ALL CAUSES	60.01	24.61	38.11	46.54	60.71	46.18
ACTUAL TIME GRINDING	39.99	75.39	61.89	53.46	39.29	53.82
TIME GRND % NET AVAIL TIME	40.68	80.04	62.21	55.18	39.67	55.34

SUGAR INDUSTRY RESEARCH INSTITUTE

FINAL MOLASSES REPORT

WEEK-ENDING 2017

	FACTORY			SIRI					
	HYDROMETER BRIX	PURITY	POL	HYDROMETER BRIX	PURITY	REFRACTOMETER BRIX	POL	PURITY	ASH
APPLETON	81.19	46.64	37.88	81.61	45.71	79.13	37.31	47.14	8.09
FROME	76.82	36.33	27.87	81.78	38.83	79.87	31.76	39.76	8.12
GOLDEN GROVE	85.54	35.32	30.19	84.51	36.23	80.86	30.64	37.87	12.68
MONY MUSK	85.53	40.61	34.72	84.88	41.14	80.91	34.89	43.15	12.72
WORTHY PARK	83.20	32.65	27.14	86.00	29.77	82.53	25.60	31.02	13.72
AVERAGE	81.29	38.90	31.61	83.22	39.04	80.41	32.42	40.38	10.26