

DAILY MANUFACTURING REPORT  
FRIDAY

Crop Started 09/28/21

Date: 11/19/21

Daily Report No. 53

MILLING DATA				Today	To Date	!	PRODUCTION DATA				Today	To Date
Number of Crop Days				1.00	53.00	!	SUGAR, Lbs 96 Made			4,102,060.84	197,643,927.80	
Grinding Time, Hours				19.56	1,100.75	!	Lbs 96 in Process			-208,333.33	104,166.66	
Lost Time, Hours				4.43	155.24	!	Lbs 96 Made and Estimated			3,893,727.50	197,748,094.47	
Lost Time, % Total Time				18.47	12.36	!	Lbs Made			3,964,940.00	190,977,860.00	
CANE: Tons Ground				15,496.070	849,321.530	!	Lbs in Process			-201,369.31	100,653.36	
Tons Purchased				16,746.070	851,421.530	!	Lbs Made and Estimated			3,763,570.68	191,078,513.36	
Tons on Yard				2,100.000	873.584	!	Lbs Total Equivalent - RV			3,982,234.14	202,283,409.62	
Grinding Rate, per Hour				791.96	771.57	!	Lbs Sugar/Ton Cane - RV			256.98	238.17	
Crop Day				15,496.07	16,229.07	!	Lbs 96 Sugar/Ton Cane			251.27	232.83	
24 Hours				19,007.26	18,517.89	!	Yield, 96 Sugar % Cane			12.56	11.64	
Tons Fiber Ground per Hour				97.74	96.11	!	TRS, Total lbs Purchased			3,568,464.90	180,867,404.50	
Tons Fiber Ground/Hr./Sq. Ft.				0.035	0.035	!	TRS, Lbs 96 Sugar/Ton Cane			213.09	212.42	
EXTRACTION: Pol % Pol in Cane				94.87	94.15	!	Liquidation Factor			117.91	109.60	
Reduced (F=12.5)				94.79	94.12	!	F. MOL: Gallons Made - As Prod.			75,000.00	3,881,300.00	
Mixed Juice % Cane				109.91	102.32	!	Gallons in Process @ 79.50			670.27	157,005.93	
Abs. Juice % Cane				82.52	81.89	!	Total Gals M&E @ 79.50			80,849.94	4,339,025.40	
Absolute Juice Lost % Fiber				36.42	41.10	!	Gals per Ton Cane @ 79.50			5.21	5.10	
IMBIBITION: % Cane				37.50	30.18	!	POLARIZATION OF SUGAR			99.32	99.35	
% Fiber				303.83	242.30	!	Filter Cake: Tons Made			1,089.00	55,901.00	
Dilution % Cane				27.38	20.42	!	Lbs/Ton Cane			140.55	131.63	
CANE: Per Cent Pol				13.71	13.14	!	BOILING HOUSE EFFICIENCY			98.18	96.22	
Per Cent Fiber				12.34	12.45	!	Temperature, (Maximum/Minimum), F			66/ 43	89/ 39	
BAGASSE: Per Cent Pol				2.55	2.75	!	Rainfall, Inches			0.00	5.60	
Per Cent Moisture				51.92	51.75	!	Corer: Per Cent Pol			13.13	13.12	
Per Cent Fiber				44.73	44.70	!	Per Cent Brix			15.94	15.91	
Per Cent Cane				27.58	27.86	!	Per Cent Fiber			16.50	16.90	
Pol % Fiber				5.69	6.17	!	Boiling House Retention, %			92.68	90.32	
Metered Imbibition % Cane				24.78	24.72	!	Overall Recovery, %			87.92	85.03	

MASSECUITE		TODAY		TO DATE		!	PRODUCTS SHIPPED		TODAY	TO DATE	ON HAND
Massecuite	Cu. Ft.	/Ton	Cu. Ft.	/Ton		!	Sugar, Lbs	1,512,120	80,191,910	110,785,950	
						!	F. Mol, Gals (As Made)	33,405	1,881,694	1,999,605	
A Massecuite	92,300	5.95	4,211,390	4.95		!	F. Mol, Gals (Shipped)	29,669	1,695,085	1,801,215	
Top-Off A Mass.	0	0.00	0	0.00		!	W/H 1, Lbs Sugar	0	0		
B Massecuite	30,850	1.99	1,830,250	2.15		!	W/H 2, Lbs Sugar	0	0		
C Massecuite	19,200	1.23	900,060	1.05		!	W/H 3, Lbs Sugar	0	0		
						!	W/H 4, Lbs Sugar	0	0		
TOTAL	142,350	9.18	6,941,700	8.17		!	TOTAL, Lbs Sugar	0	0		

POL ACCOUNT	POL - TONS		PER CENT POL EXTRACTED		PER CENT CANE	
	Today	To Date	Today	To Date	Today	To Date
In Bagasse	109.015	6,528.681	---	---	0.703	0.768
In Final Molasses	130.330	7,147.232	6.46	6.80	0.841	0.841
In Filter Cake	11.652	1,059.811	0.57	1.00	0.075	0.124
Undetermined	5.617	1,964.930	0.27	1.86	0.036	0.231
Total Losses	256.614	16,700.655	7.31	9.67	1.655	1.966
Recovered in Sugar	1,868.989	94,919.085	92.68	90.32	12.061	11.175
Pol in Juice % Cane	2,016.588	105,091.059	100.00	100.00	13.013	12.373
Pol in Cane	2,125.603	111,619.740	---	---	13.717	13.142

Date: 11/19/21

ANALYTICAL DATA

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ANALYSIS OF	TODAY						!	TO DATE					
	Brix	Pol	Purity	Glucose	G. Rat.	pH		Brix	Pol	Purity	Glucose	G. Rat.	pH
Corer Juice	19.08	15.72	82.37				!	19.15	15.78	82.44			
Crusher Juice	17.94	15.85	88.35	0.00	0.00	5.63	!	18.09	15.94	88.12	0.00	0.00	5.50
Absolute Juice	17.97	15.64	87.03				!	17.42	15.01	86.15			
Mixed Juice	13.50	11.84	87.70	0.00	0.00	5.95	!	13.94	12.09	86.70	0.00	0.00	5.59
Last Roll Juice	3.33	2.54	76.27				!	3.34	2.61	77.98			
Clarified Juice	12.89	11.37	88.20	0.00	0.00	6.98	!	12.97	11.44	88.22	0.00	0.00	6.97
Filter Press Juice	11.37	9.93	87.33				!	12.31	10.75	87.33			
Syrup	62.49	55.32	88.52	0.00	0.00	6.40	!	64.98	57.15	87.93	0.00	0.00	6.40
A Massecuite	91.53	78.51	85.77				!	91.26	78.47	85.99			
Top-Off Massecuite	0.00	0.00	0.00				!	0.00	0.00	0.00			
B Massecuite	94.22	68.20	72.38				!	94.11	68.27	72.54			
C Massecuite	94.75	49.51	52.25				!	94.96	50.57	53.25			
A Molasses	74.45	52.69	70.77				!	73.16	52.18	71.33			
Top-Off A Molasses	0.00	0.00	0.00				!	0.00	0.00	0.00			
B Molasses	73.67	38.19	51.83				!	73.65	39.01	52.96			
Grain	88.60	50.24	56.70				!	88.90	52.87	59.46			
C Magma	91.60	79.09	86.34				!	91.94	78.30	85.16			
B Magma	92.41	85.47	92.48				!	92.49	85.47	92.41			

ANALYSIS OF		Brix	Pol	Purity	Starch	Dextran	RS/Ash	Moisture	Safety Fac.	Clerget	T. Sugars
Sugar Made	Today	99.91	99.32	99.40	127.00	0.00		0.09	0.13		
Sugar Made	To Date	99.88	99.35	99.46	284.15	147.00		0.11	0.18		
Final Molasses Made	Today	83.42	30.16	36.15	0.00	0.00	0.00			0.00	0.00
Final Molasses Made	To Date	83.90	29.57	35.24	0.00	0.00	0.00			0.00	0.00
Final Molasses Shipped	Today	90.73	32.79	36.14	0.00	0.00	0.00			0.00	0.00
Final Molasses Shipped	To Date	90.34	32.06	35.49	0.00	0.00	0.00			0.00	0.00
Filter Cake	Today		1.07					0.00			
Filter Cake	To Date		1.89					0.00			

ANALYSIS OF MILL LOST TIME

MATERIALS AND SUPPLIES USED

Category	HOURS		PER CENT		!	Item	TOTAL AMOUNT		PER TON CANE	
	Today	To Date	Today	To Date			Today	To Date	Today	To Date
Electricity	0.000	2.358	0.000	0.187	!	Gas, M. Cu. Ft.	0	2,678	0.000	0.003
Utility Power	0.000	2.583	0.000	0.205	!	Lime, Lbs.	20,000	1,002,500	1.290	1.180
No Cane on Yard	0.000	9.816	0.000	0.781	!	Flocculant, lbs	275	13,720	0.017	0.016
Misc. Uncontrol.	0.000	2.708	0.000	0.215	!	PHOSPHORIC ACID,GAL	5	368	0.000	0.000
Total Machinery	0.066	57.463	0.277	4.575	!	Caustic Soda, lbs	0	0	0.000	0.000
Chokes	0.000	15.293	0.000	1.217	!	EDTA, GAL	0	0	0.000	0.000
Magnet Cleaning	0.000	3.533	0.000	0.281	!	AMYLASE,GAL	10	387	0.000	0.000
Full House	4.367	50.900	18.195	4.052	!	SucrOx, GAL	30	1,008	0.001	0.001
Low Steam	0.000	7.684	0.000	0.611	!	SURFACTANT,GAL	20	980	0.001	0.001
Misc. Control.	0.000	2.900	0.000	0.230	!	DEXTRANASE,GAL	10	599	0.000	0.000
					!	Sodium Hypochlor,Gal	35	1,117	0.002	0.001
TOTAL	4.433	155.242	18.472	12.360	!	Lime Cane Wash, lbs	0	0	0.000	0.000

REMARKS: NEW MILL: 8HR 44MIN HIGH JUICE LOAD.OLD MILL: 8MIN PUT PRESSURE ON MILL #1,2,AND 6 EQUALIZERS.  
 " NORTH PRE AND WEST SET WASHED OUT."

Chief Chemist:

Fabrication Superintendent:

