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y Capacitación de la Caña de Azúcar
-CENGICAÑA-**

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SERIES HISTÓRICAS DE PRODUCCIÓN, EXPORTACIÓN Y CONSUMO DE AZÚCAR EN GUATEMALA.

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CONTENIDO

1.	Producción de Azúcar en Guatemala 1959/60-2021/22	2
2	Exportación y Consumo de Azúcar en Guatemala 1964/65-2021/22	3
3	Producción de Azúcar Concepción 1982/83 – 2021/22	3
4	Producción de Azúcar Pantaleón 1982/83 – 2021/22	3
5	Producción de Azúcar Palo Gordo 1982/83 – 2021/22	4
6	Producción de Azúcar Los Tarros 1982/83 – 2007/08	4
7	Producción de Azúcar Madre Tierra 1982/83 – 2021/22	4
8	Producción de Azúcar Tululá 1982/83 – 2021/22	4
9	Producción de Azúcar San Diego 1982/83 – 2009/10	5
10	Producción de Azúcar Santa Teresa 1982/83 – 2016/17	5
11	Producción de Azúcar La Sonrisa 1982/83 – 2021/22	5
12	Producción de Azúcar La Unión 1982/83 – 2021/22	5
13	Producción de Azúcar Santa Ana 1982/83 – 2021/22	6
14	Producción de Azúcar Guadalupe 1982/83 – 2008/09	6
15	Producción de Azúcar Magdalena 1983/84 – 2021/22	6
16	Producción de Azúcar El Pilar 1982/83 – 2021/22	6
17	Producción de Azúcar Trinidad 1987/88 – 2021/22	7
18	Producción de Azúcar Chabil Utzaj 2011/2012 – 2014/15	7

CUADRO RESUMEN

**Crecimiento de la Industria Azucarera
Guatemalteca
(1982/83 – 2021/2022)**

INGENIO	Producción total de azúcar (TM)		Incremento %
	1982-83	2021-22	
Pantaleón	101,066	524,898	419
Palo Gordo	46,148	164,254	256
Madre Tierra	37,123	233,224	528
Tululá	11,384	81,978	620
La Sonrisa	1,652	3,035	84
La Unión	37,040	381,793	931
Santa Ana	72,864	301,123	313
Magdalena	18,187	656,177	3508
El Pilar	38,995	147,560	278
Trinidad	4,686	267,829	5616
TOTAL	369,145	2,761,871	648

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Cuadro 1. Producción de azúcar de Guatemala, 1959/60 - 2021/2022

ZAFRA	AREA (ha)	CAÑA MOLIDA (TM) **	AZÚCAR (TM) **				RENDIMIENTO			
			BLANCA	CRUDA	AMA*	TOTAL	AZÚCAR (%)	CAÑA (TM/ha)	AZÚCAR (TM/ha)	AZÚCAR TM/ha/mes
1959-60	12,534	670,130				65,163	9.70	54.00	5.24	0.46
1960-61	15,315	878,735	73,337	701		74,038	9.16	57.38	5.25	0.46
1961-62	21,859	1,217,472	106,240	7,539		113,779	9.35	55.70	5.21	0.45
1962-63	22,829	1,373,991	81,306	48,399		129,706	9.44	60.19	5.68	0.49
1963-64	24,576	1,461,832	80,364	55,775		136,138	9.31	59.48	5.54	0.48
1964-65	25,109	1,427,067	99,891	33,707		133,598	9.36	56.83	5.32	0.46
1965-66	29,715	1,844,223	112,118	48,822		160,940	8.73	62.06	5.42	0.47
1966-67	31,502	2,005,247	109,842	73,493		183,334	9.14	63.65	5.82	0.51
1967-68	25,306	1,605,109	102,915	51,588		154,503	9.63	63.43	6.11	0.53
1968-69	28,699	1,852,901	108,250	67,255		175,505	9.47	64.56	6.12	0.53
1969-70	31,446	1,946,474	115,252	64,660		179,911	9.24	61.90	5.72	0.50
1970-71	30,633	2,075,293	139,435	58,281		197,717	9.53	67.75	6.45	0.56
1971-72	35,780	2,543,070	114,887	116,246		231,133	9.09	71.08	6.46	0.56
1972-73	43,878	3,166,241	144,112	116,300		260,412	8.23	72.16	5.94	0.52
1973-74	45,384	3,584,436	171,391	142,854		314,244	8.77	78.98	6.92	0.60
1974-75	52,517	4,258,341	163,180	210,013		373,193	8.76	81.09	7.11	0.62
1975-76	75,594	6,220,755	193,071	343,811		536,882	8.63	82.29	7.10	0.62
1976-77	76,643	6,049,351	224,907	283,143		508,051	8.40	78.93	6.63	0.58
1977-78	60,629	4,785,963	236,869	159,362		396,231	8.28	78.94	6.54	0.57
1978-79	53,706	4,242,057	201,415	161,367		362,782	8.55	78.99	6.76	0.59
1979-80	66,000	4,624,547	184,866	212,183		397,049	8.59	70.07	6.02	0.52
1980-81	78,000	5,485,805	247,456	200,439		447,896	8.17	70.33	5.74	0.50
1981-82	76,964	6,410,563	294,027	244,728		538,756	8.40	83.29	7.00	0.61
1982-83	73,446	5,527,187	360,014	171,004		528,837	9.61	75.26	7.23	0.63
1983-84	76,146	5,536,266	290,281	225,236		515,517	9.31	72.71	6.77	0.59
1984-85	84,000	5,569,528	270,528	279,280		549,809	9.87	66.30	6.55	0.57
1985-86	81,000	5,696,386	382,403	207,089		589,492	10.35	70.33	7.28	0.63
1986-87	88,000	6,413,251	388,551	236,497		625,048	9.75	72.88	7.11	0.62
1987-88	97,000	7,113,195	385,107	268,767		653,874	9.20	73.33	6.75	0.59
1988-89	100,000	7,006,059	485,315	187,476		672,791	9.60	70.06	6.73	0.59
1989-90	110,000	8,834,892	559,232	279,595		838,827	9.50	80.32	7.63	0.66
1990-91	120,000	9,934,918	557,853	416,944		974,798	9.81	82.79	8.12	0.71
1991-92	130,000	10,402,975	548,843	526,093		1,074,936	10.33	80.02	8.27	0.72
1992-93	135,000	10,519,424	523,290	538,410		1,061,699	10.09	77.92	7.86	0.68
1993-94	140,000	10,847,973	622,816	489,693		1,112,508	10.26	77.49	7.95	0.69
1994-95	150,000	12,916,574	651,231	641,976		1,293,207	10.01	86.11	8.62	0.75
1995-96	165,000	13,033,507	615,096	680,021		1,295,117	9.94	78.99	7.85	0.68
1996-97	167,702	14,792,739	701,854	815,175		1,517,029	10.25	88.21	9.04	0.79
1997-98	181,218	17,666,169	630,452	1,161,233		1,791,686	10.15	97.49	9.89	0.86
1998-99	180,000	15,644,721	664,020	919,032		1,583,053	10.10	87.40	8.83	0.77
1999-00	180,000	14,338,961	642,060	1,013,108		1,655,168	11.55	82.80	9.56	0.83
2000-01	179,471	15,174,029	548,724	1,163,108		1,711,832	11.30	84.64	9.56	0.83
2001-02	185,000	16,900,237	718,007	1,193,410		1,911,418	11.30	92.00	10.40	0.90
2002-03	187,000	16,623,874	674,761	1,172,302	35,053	1,882,115	11.30	88.32	9.98	0.87
2003-04	194,000	17,780,557	908,481	1,052,834	44,424	2,005,740	11.30	91.89	10.38	0.90
2004-05	200,000	17,819,763	820,447	1,165,937	50,734	2,037,118	11.45	91.30	10.45	0.91
2005-06	197,000	16,883,877	719,196	1,066,348	61,247	1,910,683	11.25	89.30	10.04	0.87
2006-07	210,000	19,813,455	1,024,846	1,020,039	125,005	2,169,890	10.95	96.31	10.54	0.92
2007-08	230,000	19,697,218	1,158,401	815,590	115,405	2,089,396	10.60	87.26	9.25	0.80
2008-09	230,000	20,156,217	1,206,521	886,661	124,150	2,217,332	11.00	91.12	10.02	0.87
2009-10	230,000	22,530,622	1,399,364	893,620	47,853	2,340,837	10.30	102.40	10.55	0.92
2010-11	231,505	19,219,653	1,190,817	797,635	59,690	2,048,142	10.60	88.52	9.38	0.82
2011-12	252,871	21,562,263	1,367,243	822,501	63,210	2,252,954	10.35	99.52	10.30	0.90
2012-13	263,056	26,747,489	1,587,290	1,141,971	53,200	2,782,461	10.40	101.68	10.57	0.92
2013-14	270,178	27,733,769	1,646,484	1,126,533	33,063	2,806,080	10.10	102.65	10.37	0.90
2014-15	271,313	28,267,605	1,775,463	1,142,620	57,718	2,975,801	10.55	103.96	10.97	0.95
2015-16	268,735	27,987,308	1,689,600	1,051,160	81,830	2,822,590	10.11	104.14	10.53	0.92
2016-17	263,002	25,835,487	1,695,578	954,051	69,602	2,719,231	10.53	98.23	10.35	0.90
2017-18	263,784	25,935,845	1,776,848	907,571	68,144	2,752,563	10.63	98.32	10.45	0.91
2018-19	263,080	27,460,750	1,834,617	1,007,635	123,969	2,966,221	10.80	104.29	11.27	0.98
2019-20	258,025	26,099,479	1,825,233	795,042	143,596	2,763,871	10.59	101.15	10.71	0.93
2020-21	245,128	24,979,388	1,714,287	718,891	131,723	2,564,901	10.27	101.90	10.46	0.91
2021-22	249,208	25,747,384	1,811,432	827,984	122,455	2,761,871	10.73	103.32	11.08	0.96

Fuente: Para producción de caña molida, azúcar y rendimiento: ASAZGUA, CENGICAÑA.

Para área cosechada: de 1959-60 a 1972-73 (ASAZGUA 1974), DE 1973-74 a 1978-79 (Banco de Guatemala),
de 1979-80 a 1980-81 y de 1984 a 1986-87 (Sugar and Sweetener, 1996), de 1981-82 a 1983-84 (ASAZGUA, 1984),
de 1987-88 a 2021-2022 ASAZGUA y CENGICAÑA.

AMA* = Quintales equivalentes a la producción de materiales azucarados

TM** = Toneladas Métricas

Cuadro 2. Exportación y consumo de azúcar en Guatemala. 1964/65-2021/2022

ZAFRA	AZUCAR TM	
	EXPORTADA	CONSUMO
1964-65	33,368	96,243
1965-66	48,678	101,185
1966-67	59,146	102,700
1967-68	66,344	104,622
1968-69	48,040	110,499
1969-70	73,827	116,145
1970-71	66,270	125,025
1971-72	73,848	135,581
1972-73	158,045	151,239
1973-74	147,272	154,877
1974-75	201,004	181,809
1975-76	312,702	187,966
1976-77	305,023	205,745
1977-78	156,759	205,365
1978-79	157,084	203,573
1979-80	219,635	246,083
1980-81	198,388	228,463
1981-82	191,507	208,494
1982-83	404,673	189,473
1983-84	268,174	230,269
1984-85	220,161	259,390
1985-86	426,154	271,417
1986-87	274,413	298,756
1987-88	423,518	309,646
1988-89	388,556	325,787
1989-90	483,535	345,875
1990-91	652,717	316,009
1991-92	727,509	340,389
1992-93	715,013	360,368
1993-94	745,360	383,794
1994-95	914,107	388,389
1995-96	900,746	394,782
1996-97	1,089,686	413,204
1997-98	1,331,003	435,327
1998-99	1,100,904	457,292
1999-00	1,206,251	475,099
2000-01	1,303,744	507,879
2001-02	1,335,005	551,022
2002-03	1,424,075	581,665
2003-04	1,446,354	590,764
2004-05	1,356,585	554,098
2005-06	1,540,622	629,268
2006-07	1,505,928	663,962
2007-08	1,439,076	650,318
2008-09	1,582,350	634,982
2009-10	1,685,522	655,315
2010-11	1,320,745	706,737
2011-12	1,650,246	709,560
2012-13	2,027,056	704,622
2013-14	2,077,053	698,417
2014-15	2,144,955	775,710
2015-16	1,981,112	759,658
2016-17	1,845,959	806,017
2017-18	1,819,321	867,472
2018-19	1,990,534	854,232
2019-20	1,701,427	921,168
2020-21	1,509,385	925,945
2021-22	1,686,285	955,465

Fuente: Asociación de Azucareros de Guatemala, ASAZGUA

Cuadro 3. Producción de azúcar Ingenio Concepción 1982/83 -2019/2020

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR(%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	594,069	59,039	9.90	-----	-----	-----
1983-84	336,293	29,802	8.80	-----	-----	-----
1984-85	676,094	68,145	10.08	-----	122	5,542
1985-86	633,989	66,814	10.54	-----	129	4,915
1986-87	702,490	68,208	9.71	-----	138	5,091
1987-88	720,326	66,022	9.17	-----	133	5,416
1988-89	756,064	74,042	9.79	-----	138	5,479
1989-90	868,081	83,931	9.67	-----	155	5,601
1990-91	1,033,462	102,887	9.96	109.98	160	6,459
1991-92	1,150,019	118,305	10.29	-----	177	6,497
1992-93	1,067,999	109,936	10.29	-----	163	6,552
1993-94	1,098,016	114,744	10.45	83.85	166	6,615
1994-95	1,188,491	120,902	10.17	-----	187	6,356
1995-96	1,020,179	96,671	9.48	85.29	162	6,297
1996-97	1,208,384	122,461	10.13	90.82	171	7,067
1997-98	1,429,770	141,793	9.90	97.73	195	7,332
1998-99	1,194,807	122,150	10.20	91.00	159	7,515
1999-00	996,031	113,665	11.40	83.52	134	7,433
2000-01	1,004,203	114,085	11.35	81.50	129	7,785
2001-02	1,216,871	137,265	11.30	90.55	160	7,606
2002-03	1,154,805	131,310	11.35	83.00	156	7,402
2003-04	1,185,635	132,514	11.20	92.05	158	7,504
2004-05	1,272,334	143,189	11.20	88.23	169	7,529
2005-06	1,052,499	120,567	11.40	84.02	136	7,739
2006-07	1,249,951	135,152	10.80	94.12	162	7,716
2007-08	1,284,400	132,554	10.30	87.44	169	7,600
2008-09	1,305,784	138,601	10.60	89.66	169	7,727
2009-10	1,427,373	135,634	9.50	102.93	186	7,674
2010-11	1,203,539	121,979	10.14	91.30	160	7,522
2011-12	1,340,713	136,681	10.19	100.19	177	7,575
2012-13	1,410,019	149,938	10.60	104.68	180	7,833
2013-14	1,422,841	144,988	10.19	103.84	187	7,609
2014-15	1,471,377	156,983	10.67	106.57	181	8,129
2015-16	1,507,759	150,953	10.01	107.57	186	8,106
2016-17	1,334,334	138,717	10.40	103.85	173	7,713
2017-18	1,223,983	129,314	10.57	101.50	166	7,373
2018-19	1,328,897	140,712	10.83	110.87	177	7,508
2019-20	1,315,569	133,657	10.16	112.92	174	7,561

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2019/2020, Simposio análisis de zafra, CENGICAÑA

CUADRO 4. Producción de azúcar. Ingenio Pantaleón 1982/83 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO (%)	RENDIMIENTO DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	994503	101065,823	9.29	-----	-----	-----
1983-84	983093	98464,3974	9.15	-----	-----	-----
1984-85	902,800	92,953	10.30	-----	123	7,340
1985-86	868,721	96,705	11.13	-----	118	7,362
1986-87	1,073,727	112,032	10.43	-----	148	7,255
1987-88	1,142,128	114,005	9.98	-----	144	7,931
1988-89	1,156,394	122,312	10.58	-----	140	8,260
1989-90	1,573,221	157,193	9.99	-----	191	8,237
1990-91	1,616,354	163,589	10.12	79.86	179	9,030
1991-92	1,681,828	177,716	10.57	-----	193	8,714
1992-93	1,553,070	162,730	10.48	-----	168	9,244
1993-94	1,562,137	161,909	10.37	-----	171	9,135
1994-95	1,900,998	187,293	9.85	-----	196	9,699
1995-96	2,202,985	216,791	9.84	101.42	175	12,588
1996-97	2,435,868	251,416	10.32	95.45	164	14,853
1997-98	2,947,900	297,139	10.10	100.82	181	16,287
1998-99	2,540,067	263,656	10.40	89.00	151	16,822
1999-00	2,399,853	280,870	11.70	84.00	133	18,044
2000-01	2,468,383	279,228	11.30	81.50	139	17,758
2001-02	2,699,240	308,090	11.40	90.55	152	17,758
2002-03	2,674,984	312,837	11.70	83.00	150	17,833
2003-04	3,048,961	355,842	11.65	92.05	160	19,056
2004-05	3,703,384	430,751	11.60	88.23	182	20,348
2005-06	3,500,307	400,592	11.40	84.02	157	22,295
2006-07	4,049,686	446,808	11.00	94.12	188	21,541
2007-08	3,865,143	417,424	10.80	87.44	177	21,837
2008-09	3,764,117	421,166	11.10	89.66	170	22,142
2009-10	4,328,036	445,004	10.28	102.93	191	22,660
2010-11	3,920,387	418,880	10.68	91.30	166	23,617
2011-12	4,656,806	494,674	10.62	100.19	182	25,587
2012-13	4,727,902	488,797	10.30	104.68	185	25,556
2013-14	4,773,934	472,261	9.89	103.97	188	25,393
2014-15	4,798,528	498,273	10.38	106.57	185	25,938
2015-16	4,783,353	492,041	10.29	107.57	190	25,176
2016-17	4,605,738	487,742	10.59	103.85	177	26,021
2017-18	4,472,197	482,812	10.80	88.06	177	25,267
2018-19	4,610,177	502,432	10.83	110.87	183	25,192
2019-20	4,484,160	477,647	10.65	107.71	175	25,624
2020-21	4,722,004	468,325	9.92	109.09	190	24,853
2021-22	4,956,599	524,898	10.59	110.24	188	26,365

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/2022, Simposio análisis de zafra, CENGICAÑA

CUADRO 5. Producción de azúcar.
Ingenio Palo Gordo 1982/83 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	475,975	46,148	9.65	-----	-----	-----
1983-84	983,093	98,464	9.95	-----	-----	-----
1984-85	469,884	47,581	10.13	-----	102	4,607
1985-86	438,494	46,067	10.51	-----	91	4,819
1986-87	450,708	43,399	9.63	-----	97	4,646
1987-88	524,724	47,598	9.07	-----	113	4,644
1988-89	433,255	39,932	9.22	-----	89	4,868
1989-90	509,538	45,864	9.00	-----	108	4,718
1990-91	658,105	59,281	9.01	68.69	143	4,602
1991-92	619,072	55,292	8.93	-----	139	4,454
1992-93	558,002	50,773	9.10	-----	131	4,260
1993-94	654,611	60,268	9.21	-----	152	4,307
1994-95	679,930	57,516	8.46	-----	166	4,096
1995-96	672,885	57,110	8.49	62.18	164	4,103
1996-97	766,502	69,716	9.10	81.86	153	5,010
1997-98	842,727	81,639	9.70	64.09	151	5,581
1998-99	799,705	77,544	9.70	69.00	157	5,094
1999-00	722,998	75,295	10.40	85.42	152	4,757
2000-01	744,201	74,649	10.05	80.80	155	4,801
2001-02	746,718	73,601	9.85	62.18	150	4,978
2002-03	676,400	72,910	10.80	67.00	122	5,484
2003-04	787,595	85,923	10.90	72.00	147	5,358
2004-05	753,578	79,407	10.50	71.33	148	5,092
2005-06	741,021	78,660	10.60	68.75	127	5,835
2006-07	846,358	85,149	10.00	74.92	148	5,719
2007-08	896,391	88,612	9.89	75.75	163	5,499
2008-09	851,829	93,354	10.90	73.91	141	6,041
2009-10	1,054,977	106,430	10.09	81.38	163	6,472
2010-11	895,358	93,531	10.45	75.54	142	6,305
2011-12	1,280,062	133,228	10.41	89.07	183	6,995
2012-13	1,409,920	149,732	10.60	88.29	190	7,421
2013-14	1,457,688	149,141	10.23	86.64	196	7,437
2014-15	1,598,455	170,296	10.65	95.11	192	8,325
2015-16	1,571,591	166,135	10.57	93.84	182	8,635
2016-17	1,591,825	168,763	10.60	91.06	177	8,993
2017-18	1,440,003	157,744	10.97	88.06	157	9,172
2018-19	1,694,635	182,313	10.76	92.49	172	9,853
2019-20	1,547,601	161,891	10.46	89.29	163	9,494
2020-21	1,627,034	157,702	9.69	97.80	178	9,141
2021-22	1,533,860	164,254	10.71	86.57	172	8,918

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/22, Simposio análisis de zafra, CENGICAÑA

CUADRO 6. Producción de azúcar.
Ingenio Los Tarros 1982/83 - 2007/2008

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	96,802	10,086	10.35	-----	-----	-----
1983-84	158,497	16,136	10.15	-----	-----	-----
1984-85	167,119	17,519	10.48	-----	89	1,878
1985-86	140,508	15,564	11.08	-----	83	1,693
1986-87	168,352	18,257	10.85	-----	89	1,892
1987-88	241,073	23,065	9.57	-----	124	1,944
1988-89	195,204	19,472	9.98	-----	104	1,877
1989-90	249,160	25,789	10.35	-----	125	1,258
1990-91	270,713	27,748	10.25	81.93	134	2,020
1991-92	266,090	30,512	11.47	-----	133	2,001
1992-93	295,545	32,313	10.93	-----	150	1,970
1993-94	266,279	30,182	11.34	77.81	128	2,080
1994-95	285,430	31,369	10.99	-----	145	1,968
1995-96	263,512	28,096	10.66	96.20	130	2,027
1996-97	288,552	31,014	10.75	98.28	139	2,076
1997-98	377,642	40,149	10.65	106.73	181	2,086
1998-99	273,745	28,285	10.35	87.73	130	2,106
1999-00	246,292	28,542	11.60	81.33	117	2,105
2000-01	255,501	28,947	11.35	93.60	118	2,165
2001-02	293,033	34,023	11.60	100.45	130	2,254
2002-03	301,783	34,235	11.35	94.27	134	2,252
2003-04	267,784	30,465	11.40	101.60	126	2,125
2004-05	273,775	31,908	11.60	104.76	123	2,226
2005-06	279,240	32,979	11.80	92.80	130	2,148
2006-07	313,449	36,837	11.70	108.20	139	2,255
2007-08	245,833	28,845	11.50	92.80	115	2,138

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2007/08, Simposio análisis de zafra, CENGICAÑA

CUADRO 7. Producción de azúcar.
Ingenio Madre Tierra 1982/83 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	386,600	37,123	9.55	-----	-----	-----
1983-84	479,321	44,305	8.75	-----	-----	-----
1984-85	418,220	37,567	8.98	-----	120	3,485
1985-86	413,465	40,960	9.91	-----	130	3,181
1986-87	473,668	46,696	9.86	-----	145	3,267
1987-88	591,282	54,437	9.21	-----	174	3,398
1988-89	527,589	54,378	10.31	-----	152	3,471
1989-90	631,888	64,615	10.23	-----	165	3,830
1990-91	770,712	79,615	10.33	78.60	151	5,104
1991-92	766,719	80,853	10.95	-----	141	5,438
1992-93	842,725	90,460	10.73	-----	149	5,656
1993-94	758,779	81,065	10.68	64.45	126	6,022
1994-95	977,309	97,731	10.00	-----	162	6,033
1995-96	1,031,832	108,530	10.52	80.15	175	5,896
1996-97	1,032,870	113,812	11.02	99.30	167	6,185
1997-98	1,235,712	141,974	11.50	91.82	183	6,753
1998-99	1,136,925	132,352	11.65	82.00	158	7,196
1999-00	960,404	120,880	12.60	83.07	135	7,114
2000-01	1,097,179	131,970	12.05	81.60	154	7,125
2001-02	1,112,366	134,738	12.10	89.91	156	7,131
2002-03	1,164,023	139,453	12.00	90.82	154	7,559
2003-04	1,239,432	152,521	12.30	92.00	153	8,101
2004-05	1,346,851	161,303	11.90	92.21	159	8,471
2005-06	1,309,525	154,955	11.80	90.19	154	8,503
2006-07	1,476,202	167,012	11.30	107.52	177	8,340
2007-08	1,372,011	153,311	11.10	96.25	165	8,315
2008-09	1,396,917	163,476	11.70	96.67	166	8,415
2009-10	1,518,202	166,089	10.94	109.45	176	8,626
2010-11	1,364,332	151,647	11.12	90.05	162	8,422
2011-12	1,481,443	163,615	11.04	105.86	164	9,033
2012-13	1,598,442	175,062	10.90	97.89	171	9,348
2013-14	1,720,954	181,771	10.56	105.57	185	9,302
2014-15	1,833,884	197,725	10.78	108.19	184	9,967
2015-16	1,964,916	204,999	10.43	109.12	184	10,679
2016-17	1,911,253	204,451	10.70	103.47	177	10,798
2017-18	1,753,859	189,848	10.93	98.16	161	10,894
2018-19	2,144,970	231,880	10.80	107.29	192	11,172
2019-20	1,950,660	211,064	10.82	102.85	170	11,474
2020-21	2,014,001	210,166	10.44	98.23	174	11,575
2021-22	2,097,209	233,224	11.12	110.23	182	11,523

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/22, Simposio análisis de zafra, CENGICAÑA

CUADRO 8. Producción de azúcar.
Ingenio Tululá 1982/83 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	113,329	11,384	10.00	-----	-----	-----
1983-84	119,665	12,263	10.20	-----	-----	-----
1984-85	110,222	11,580	10.51	-----	110	1,002
1985-86	105,885	10,907	10.30	-----	104	1,018
1986-87	128,396	11,535	8.98	-----	136	944
1987-88	164,207	15,687	9.59	-----	139	1,181
1988-89	180,426	17,687	9.80	-----	133	1,357
1989-90	229,212	21,100	9.21	-----	179	1,281
1990-91	254,126	24,043	9.46	77.94	171	1,486
1991-92	266,529	25,895	9.72	-----	183	1,456
1992-93	237,049	24,279	10.24	-----	154	1,539
1993-94	271,241	30,462	11.23	86.32	136	1,994
1994-95	329,416	32,273	9.80	-----	170	1,938
1995-96	322,873	34,135	10.57	71.18	134	2,410
1996-97	416,743	47,065	11.29	80.00	143	2,914
1997-98	476,609	54,314	11.40	77.82	126	3,783
1998-99	430,971	46,384	10.75	68.00	99	4,353
1999-00	444,091	53,233	12.00	67.46	99	4,486
2000-01	542,342	59,681	11.00	70.30	127	4,270
2001-02	558,447	62,328	11.15	75.55	143	3,905
2002-03	501,292	57,055	11.40	69.18	110	4,557
2003-04	545,876	60,902	11.15	72.56	118	4,626
2004-05	497,253	59,802	12.00	67.38	108	4,604
2005-06	516,687	63,294	12.20	77.00	101	5,116
2006-07	683,430	80,419	11.70	91.59	142	4,813
2007-08	778,842	88,727	11.30	88.60	146	5,335
2008-09	726,007	86,097	11.80	83.24	132	5,500
2009-10	698,017	77,429	11.09	93.82	134	5,209
2010-11	689,593	74,315	10.78	82.97	136	5,071
2011-12	834,214	92,423	11.08	96.67	150	5,561
2012-13	1,060,862	116,469	10.90	100.81	176	6,028
2013-14	1,038,161	105,299	10.14	94.43	197	5,270
2014-15	1,003,597	108,859	10.85	94.48	175	5,735
2015-16	933,397	95,516	10.23	98.53	173	5,395
2016-17	941,940	100,697	10.69	97.68	169	5,574
2017-18	838,438	92,786	11.06	89.82	164	5,112
2018-19	805,766	92,264	11.45	84.80	144	5,596
2019-20	891,336	94,662	10.62	98.25	157	5,677
2020-21	794,368	79,625	10.02	90.71	141	5,634
2021-22	799,262	81,978	10.26	85.06	146	5,474

CUADRO 9. Producción de azúcar.
Ingenio San Diego 1982/83 - 2009/10

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	187,400	17,434	9.25	-----	-----	-----
1983-84	233,801	22,726	9.70	-----	-----	-----
1984-85	182,612	18,791	10.29	-----	101	1,808
1985-86	183,166	18,694	10.21	-----	109	1,680
1986-87	182,763	18,637	10.20	-----	105	1,741
1987-88	209,314	19,704	9.41	-----	133	1,574
1988-89	223,590	21,905	9.80	-----	124	1,803
1989-90	312,671	30,151	9.64	-----	156	2,004
1990-91	327,143	32,632	9.98	75.32	153	2,138
1991-92	335,520	36,198	10.79	-----	142	2,363
1992-93	356,413	36,394	10.21	-----	137	2,602
1993-94	382,073	37,388	9.79	97.79	135	2,830
1994-95	437,020	45,160	10.33	-----	140	3,122
1995-96	450,123	43,698	9.71	84.91	143	3,148
1996-97	447,592	47,200	10.55	93.00	133	3,365
1997-98	547,949	54,440	9.95	98.36	161	3,403
1998-99	483,211	46,944	9.70	80.09	148	3,265
1999-00	423,443	47,693	11.25	79.43	124	3,415
2000-01	437,177	48,852	11.15	78.70	132	3,312
2001-02	443,023	51,264	11.55	86.27	124	3,573
2002-03	438,200	49,797	11.35	86.18	122	3,592
2003-04	462,889	52,602	11.35	86.00	123	3,763
2004-05	476,420	53,196	11.10	82.23	129	3,693
2005-06	457,265	51,467	11.20	88.40	122	3,748
2006-07	483,797	51,235	10.50	86.12	134	3,610
2007-08	485,728	52,275	10.70	91.14	133	3,652
2008-09	458,606	50,126	10.90	88.64	127	3,611
2009-10	473,506	49,141	10.38	91.49	137	3,456

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2009/10, Simposio análisis de zafra, CENGICAÑA

CUADRO 11. Producción de azúcar.
Ingenio La Sonrisa 1982/83 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	19,014	1,652	8.65	-----	-----	-----
1983-84	21,908	2,379	9.15	-----	-----	-----
1984-85	16,207	1,633	10.07	-----	75	216
1985-86	20,850	2,012	9.65	-----	75	278
1986-87	19,256	1,786	9.28	-----	70	275
1987-88	31,621	2,941	9.30	-----	108	293
1988-89	21,612	1,860	8.61	-----	85	254
1989-90	21,341	1,958	9.18	-----	79	270
1990-91	27,299	2,559	9.38	85.91	92	297
1991-92	23,847	2,118	8.88	-----	79	302
1992-93	20,652	1,842	8.92	-----	74	279
1993-94	23,354	2,045	8.76	-----	85	275
1994-95	26,643	2,492	9.35	-----	89	299
1995-96	22,015	2,015	9.15	58.79	82	268
1996-97	21,985	2,072	9.42	69.00	63	349
1997-98	21,979	2,063	9.40	66.36	63	349
1998-99	32,585	2,637	8.10	56.00	102	319
1999-00	32,826	2,845	8.65	-----	105	313
2000-01	33,727	3,255	9.65	-----	92	367
2001-02	28,601	2,647	9.25	-----	84	340
2002-03	22,953	2,088	9.10	-----	67	343
2003-04	27,481	2,483	9.05	-----	79	348
2004-05	29,850	2,594	8.69	-----	86	347
2005-06	27,576	2,368	8.59	-----	80	345
2006-07	24,241	2,205	9.10	-----	69	351
2007-08	25,742	2,350	9.13	-----	74	348
2008-09	16,535	1,425	8.62	-----	49	337
2009-10	15,143	1,254	8.28	-----	46	329
2010-11	19,507	1,602	8.21	-----	55	355
2011-12	19,836	1,835	9.25	-----	57	348
2012-13	24,829	2,224	8.96	-----	71	350
2013-14	22,484	2,135	9.50	-----	58	388
2014-15	20,151	1,992	9.89	-----	58	347
2015-16	24,181	2,279	9.42	-----	64	378
2016-17	27,137	2,657	9.79	-----	68	399
2017-18	25,363	2,561	10.10	-----	69	368
2018-19	24,859	2,668	10.73	-----	68	360
2019-20	30,459	3,278	10.76	-----	75	406
2020-21	27,966	2,863	10.24	80.02	74	378
2021-22	26,624	3,035	11.40	67.48	65	410

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/22, Simposio análisis de zafra, CENGICAÑA

CUADRO 10. Producción de azúcar.
Ingenio Santa Teresa 1982/83 - 2016/2017

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	44,970	4,437	9.80	-----	-----	-----
1983-84	48,036	4,576	9.50	-----	-----	-----
1984-85	45,022	4,261	9.46	-----	80	563
1985-86	51,770	4,559	8.81	-----	96	539
1986-87	48,453	4,120	8.50	-----	87	557
1987-88	50,391	4,090	8.12	-----	93	542
1988-89	46,054	3,811	8.27	-----	92	501
1989-90	52,421	4,342	8.28	-----	108	485
1990-91	55,319	4,051	7.32	75.82	97	570
1991-92	61,770	4,662	7.55	-----	120	515
1992-93	57,884	4,815	8.32	-----	111	521
1993-94	56,010	5,106	9.12	68.58	110	509
1994-95	51,559	5,626	10.91	-----	102	505
1995-96	62,172	6,272	10.09	90.91	114	545
1996-97	58,225	6,315	10.85	113.00	112	520
1997-98	71,775	7,418	10.35	99.45	138	520
1998-99	55,800	5,556	9.95	88.00	112	498
1999-00	52,871	5,566	10.55	81.26	106	499
2000-01	59,330	6,259	10.55	81.10	126	471
2001-02	67,223	6,825	10.15	58.45	137	491
2002-03	62,693	6,924	11.05	71.45	134	468
2003-04	35,600	3,462	9.75	71.07	74	481
2004-05	32,644	3,068	9.40	72.76	55	594
2005-06	34,655	3,491	10.00	73.88	62	559
2006-07	35,739	3,400	9.51	79.13	64	558
2007-08	33,456	3,001	8.97	79.14	64	523
2008-09	29,668	2,916	9.83	-----	56	530
2009-10	-----	-----	-----	-----	-----	-----
2010-11	-----	-----	-----	-----	-----	-----
2011-12	-----	-----	-----	-----	-----	-----
2012-13	-----	-----	-----	-----	-----	-----
2013-14	35,076	3,310	9.44	-----	72	487
2014-15	39,567	3,755	9.49	-----	83	477
2015-16	46,626	4,401	9.44	-----	91	512
2016-17	37,476	3,641	9.72	-----	81	463

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2017/2018, Simposio análisis de zafra, CENGICAÑA

CUADRO 12. Producción de azúcar.
Ingenio La Unión 1982/83 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	363,464	37,040	10.15	-----	-----	-----
1983-84	497,252	48,068	9.60	-----	-----	-----
1984-85	508,506	50,138	9.86	-----	98	5,189
1985-86	476,693	51,589	10.82	-----	93	5,126
1986-87	572,686	56,212	9.82	-----	117	4,895
1987-88	609,871	51,624	8.47	-----	122	4,999
1988-89	569,381	53,281	9.36	-----	115	4,951
1989-90	816,712	76,010	9.31	-----	168	4,861
1990-91	811,443	78,198	9.64	81.93	149	5,446
1991-92	893,947	96,096	10.75	-----	145	6,165
1992-93	1,034,163	107,540	10.40	-----	160	6,464
1993-94	1,034,665	111,179	10.75	77.81	142	7,286
1994-95	1,326,421	142,695	10.76	-----	178	7,452
1995-96	1,293,124	139,636	10.80	96.20	173	7,475
1996-97	1,635,060	171,293	10.48	98.28	191	8,561
1997-98	1,843,458	192,447	10.45	106.73	198	9,310
1998-99	1,550,860	161,066	10.40	87.73	141	10,999
1999-00	1,335,981	167,611	12.55	81.33	120	11,133
2000-01	1,468,360	173,978	11.85	93.60	134	10,958
2001-02	1,674,848	197,320	11.80	100.45	155	10,805
2002-03	1,539,886	178,272	11.60	94.27	139	11,078
2003-04	1,775,104	204,548	11.50	101.60	164	10,824
2004-05	1,826,917	213,625	11.60	104.76	166	11,006
2005-06	1,583,667	176,825	11.10	92.80	142	11,153
2006-07	1,983,712	222,542	11.20	108.20	181	10,960
2007-08	1,819,819	201,976	11.10	92.80	168	10,832
2008-09	2,334,570	264,903	11.30	95.25	165	14,149
2009-10	2,707,889	307,169	11.34	109.41	173	15,653
2010-11	2,389,221	274,319	11.48	93.90	147	16,253
2011-12	2,857,552	309,762	10.84	106.13	192	14,883
2012-13	2,908,552	315,632	10.80	102.18	177	16,432
2013-14	2,868,054	305,919	10.84	101.02	176	16,296
2014-15	3,023,367	339,644	11.23	112.82	182	16,612
2015-16	3,059,652	330,206	10.79	109.15	189	16,189
2016-17	2,871,173	315,151	10.98	106.78	164	17,507
2017-18	3,055,023	334,704	10.96	106.72	179	17,067
2018-19	3,167,599	356,889	11.27	111.97	182	17,404
2019-20	3,115,969	347,195	11.14	110.84	176	17,704
2020-21	3,091,084	338,623	10.95	111.11	167	18,509
2021-22	3,362,897	381,793	11.35	117.92	182	18,477

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/22, Simposio análisis de zafra, CENGICAÑA

CUADRO 13. Producción de azúcar.
Ingenio Santa Ana 1982/83 - 2021/22

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	751,499	72,864	9.65	-----	-----	-----
1983-84	682,311	63,711	9.30	-----	-----	-----
1984-85	527,112	52,908	10.04	-----	101	5,219
1985-86	688,361	72,259	10.50	-----	118	5,834
1986-87	721,928	71,684	9.93	-----	130	5,553
1987-88	766,804	72,158	9.41	-----	135	5,680
1988-89	842,239	79,452	9.43	-----	132	6,381
1989-90	1,148,108	105,350	9.18	-----	171	6,714
1990-91	1,186,520	119,478	10.07	95.45	150	7,910
1991-92	1,289,506	136,494	10.59	-----	158	8,161
1992-93	1,157,227	118,146	10.21	-----	135	8,572
1993-94	1,124,356	114,252	10.16	-----	127	8,853
1994-95	1,444,405	141,957	9.83	-----	165	8,754
1995-96	1,283,727	124,838	9.73	89.05	147	8,733
1996-97	1,425,054	147,373	10.34	94.89	154	9,254
1997-98	1,744,807	170,619	9.80	110.00	137	12,736
1998-99	1,515,595	145,578	9.60	95.82	119	12,736
1999-00	1,476,294	165,094	11.20	86.86	111	13,300
2000-01	1,544,328	177,331	11.50	94.10	111	13,913
2001-02	1,649,795	188,086	11.40	107.3	111	14,863
2002-03	1,604,468	180,244	11.25	97.7	110	14,586
2003-04	1,759,697	196,968	11.20	99.20	122	14,424
2004-05	1,780,515	201,365	11.30	99.85	115	15,483
2005-06	1,709,910	192,357	11.20	96.95	122	14,016
2006-07	2,056,474	225,879	10.90	100.55	156	13,183
2007-08	2,201,654	233,454	10.60	96.40	150	14,678
2008-09	2,378,030	264,342	11.10	96.89	152	15,645
2009-10	2,715,028	280,140	10.32	108.12	168	16,161
2010-11	2,071,233	221,494	10.69	84.58	127	16,309
2011-12	2,505,373	260,550	10.40	92.21	151	16,592
2012-13	3,081,469	323,234	10.40	111.00	177	17,409
2013-14	3,047,209	302,577	9.93	103.50	176	17,314
2014-15	3,008,628	310,928	10.33	100.45	174	17,291
2015-16	3,056,701	299,192	9.79	101.84	187	16,346
2016-17	2,769,884	292,093	10.55	94.96	167	16,586
2017-18	2,603,394	287,595	11.05	99.21	154	16,905
2018-19	2,888,007	328,367	11.37	107.18	170	16,988
2019-20	2,800,461	313,059	11.18	104.57	170	16,473
2020-21	2,692,060	299,787	11.14	101.71	160	16,825
2021-22	2,663,736	301,123	11.30	98.20	162	16,443

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/2022, Simposio análisis de zafra, CENGICANA

CUADRO 15. Producción de azúcar.
Ingenio Magdalena 1983/84 - 2021/22

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1983-84	194,662	18,187	9.30	-----	-----	-----
1984-85	252,024	24,193	9.60	-----	117	2,154
1985-86	322,162	31,028	9.63	-----	136	2,369
1986-87	336,911	31,403	9.32	-----	141	2,389
1987-88	355,696	32,761	9.21	-----	141	2,523
1988-89	428,902	40,203	9.37	-----	144	2,978
1989-90	495,849	45,619	9.20	-----	159	3,119
1990-91	609,057	53,790	8.83	80.78	176	3,461
1991-92	649,149	63,405	9.77	-----	165	3,934
1992-93	734,978	67,603	9.20	-----	142	5,176
1993-94	789,676	79,744	10.10	66.69	151	5,230
1994-95	1,033,571	105,851	10.24	-----	172	6,009
1995-96	1,050,933	109,157	10.39	84.44	162	6,487
1996-97	1,291,859	132,164	10.23	106.22	177	7,299
1997-98	1,605,488	162,911	10.15	103.55	167	9,614
1998-99	1,387,226	133,678	9.65	89.00	120	11,560
1999-00	1,672,478	186,955	11.20	82.90	119	14,054
2000-01	1,697,611	189,852	11.20	83.80	101	16,808
2001-02	2,207,208	254,081	11.50	97.0	130	16,979
2002-03	2,469,642	276,006	11.20	97.3	146	16,915
2003-04	2,750,709	310,856	11.30	95.47	165	16,671
2004-05	2,889,896	331,606	11.40	96.85	162	17,839
2005-06	3,422,575	386,096	11.20	96.09	153	22,370
2006-07	4,003,916	433,618	10.80	96.71	155	25,832
2007-08	4,266,357	428,217	10.00	77.84	165	25,857
2008-09	4,367,515	454,617	10.40	90.89	157	27,819
2009-10	5,190,526	517,489	9.97	104.74	187	27,757
2010-11	4,042,816	409,296	10.12	87.95	139	29,085
2011-12	5,402,122	533,269	9.87	103.86	173	31,226
2012-13	6,375,945	620,660	9.73	107.94	190	33,558
2013-14	7,101,633	694,959	9.87	116.68	205	34,642
2014-15	6,954,397	716,749	10.31	114.13	189	36,796
2015-16	6,848,342	662,027	9.67	116.65	194	35,301
2016-17	6,111,136	611,751	10.01	105.25	163	37,492
2017-18	6,515,453	641,302	9.92	109.46	172	37,881
2018-19	6,733,932	673,203	10.00	114.47	179	37,620
2019-20	6,494,031	629,184	9.69	108.46	174	37,322
2020-21	6,343,599	615,111	9.70	101.78	172	36,881
2021-22	6,524,398	656,177	10.06	112.98	183	35,652

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/2022, Simposio análisis de zafra, CENGICANA

CUADRO 14. Producción de azúcar.
Ingenio Guadalupe 1982/83 - 2008/09

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	160,344	13,237	8.20	-----	-----	-----
1983-84	86,715	6,425	7.40	-----	-----	-----
1984-85	187,709	15,973	8.51	-----	132	1,422
1985-86	166,507	15,962	9.59	-----	111	1,500
1986-87	197,593	19,670	9.96	-----	115	1,718
1987-88	223,697	19,549	8.74	-----	128	1,748
1988-89	215,256	18,141	8.43	-----	120	1,794
1989-90	254,985	19,830	7.78	-----	148	1,723
1990-91	254,775	20,454	8.03	81.26	160	1,592
1991-92	263,345	21,863	8.30	-----	157	1,677
1992-93	316,888	26,627	8.40	-----	148	2,141
1993-94	322,204	28,997	9.00	53.50	137	2,352
1994-95	434,950	39,344	9.05	-----	185	2,351
1995-96	460,867	40,740	8.84	76.67	185	2,491
1996-97	488,622	46,603	9.54	78.94	181	2,700
1997-98	653,439	60,353	9.25	86.36	192	3,403
1998-99	662,549	61,177	9.25	88.00	171	3,875
1999-00	579,729	58,029	10.00	88.00	141	4,112
2000-01	511,870	57,933	11.30	93.90	123	4,162
2001-02	516,450	56,595	10.95	92.00	116	4,452
2002-03	467,884	49,713	10.65	89.00	96	4,874
2003-04	503,530	52,845	10.50	89.00	99	5,086
2004-05	619,185	69,324	11.20	93.56	113	5,480
2005-06	-----	-----	-----	-----	-----	-----
2006-07	-----	-----	-----	-----	-----	-----
2007-08	-----	-----	-----	-----	-----	-----
2008-09	9,059	274	3.02	-----	11	824

Fuente: de producción.
1995/96 - 2008/09, Simposio análisis de zafra, CENGICANA

CUADRO 16. Producción de azúcar.
Ingenio El Pilar 1982/83 - 2021/22

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	398,510	38,995	9.75	-----	-----	-----
1983-84	476,734	41,539	9.00	-----	-----	-----
1984-85	406,861	38,933	9.57	-----	85	4,787
1985-86	418,183	39,818	9.52	-----	100	4,182
1986-87	531,943	44,044	8.28	-----	127	4,189
1987-88	576,791	49,809	8.64	-----	114	5,060
1988-89	530,946	46,039	8.67	-----	142	3,739
1989-90	741,744	71,458	9.63	-----	178	4,167
1990-91	902,133	93,374	10.35	-----	181	4,984
1991-92	932,996	101,817	10.91	-----	171	5,456
1992-93	1,033,362	105,181	10.18	-----	164	6,301
1993-94	1,173,525	126,338	10.77	-----	168	6,985
1994-95	1,369,440	143,418	10.47	-----	207	6,616
1995-96	1,420,641	144,776	10.19	-----	193	7,361
1996-97	1,498,852	152,637	10.18	-----	182	8,235
1997-98	1,778,681	175,088	9.85	-----	198	8,983
1998-99	1,672,204	161,642	9.65	-----	165	10,135
1999-00	1,273,332	153,040	12.00	-----	112	11,369
2000-01	1,655,340	182,002	11.00	-----	120	13,795
2001-02	1,796,899	196,626	10.95	-----	117	15,358
2002-03	1,631,577	176,362	10.80	-----	109	14,969
2003-04	2,018,985	220,439	10.90	-----	135	14,955
2004-05	1,905,048	209,547	11.00	-----	133	14,324
2005-06	1,791,574	196,870	10.90	-----	120	14,930
2006-07	2,082,775	224,082	10.70	-----	145	14,364
2007-08	2,098,499	227,940	10.80	-----	149	14,084
2008-09	1,938,272	213,164	11.00	-----	128	15,143
2009-10	1,620,468	174,921	10.79	-----	116	13,970
2010-11	1,710,380	184,268	10.77	-----	128	13,362
2011-12	2,216,156	240,873	10.87	-----	163	13,596
2012-13	2,372,230	257,681	10.80	-----	171	13,873
2013-14	2,280,670	246,322	10.80	-----	156	14,620
2014-15	2,370,069	254,731	10.75	-----	170	13,942
2015-16	2,056,694	201,186	9.78	-----	153	13,442
2016-17	1,741,167	184,900	10.62	-----	125	13,929
2017-18	1,977,964	210,857	10.66	-----	142	13,929
2018-19	1,894,972	210,997	11.13	-----	141	13,440
2019-20	1,369,790	156,428	11.42	-----	102	13,429
2020-21	1,319,899	139,626	10.58	-----	101	13,068
2021-22	1,400,497	147,560	10.54	-----	112	12,50

CUADRO 17. Producción de azúcar.
Ingenio Trinidad 1987/88 - 2021/2022

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1987-88	2,342	92	3.92	-----	6	390
1988-89	14,428	1,016	7.04	-----	47	307
1989-90	54,109	4,686	8.66	-----	81	668
1990-91	99,685	8,710	8.74	75.32	110	906
1991-92	99,312	9,725	9.79	-----	95	1,045
1992-93	90,793	8,586	9.46	-----	83	1,094
1993-94	123,130	11,429	9.28	97.79	109	1,130
1994-95	172,082	16,369	9.51	-----	149	1,155
1995-96	172,046	15,750	9.15	84.91	118	1,458
1996-97	236,065	21,608	9.15	93.0000	129	1,830
1997-98	388,180	36,799	9.50	98.36	145	2,677
1998-99	279,389	26,738	9.55	80.09	86	3,249
1999-00	251,838	27,245	10.80	79.43	71	3,547
2000-01	272,835	29,613	10.85	78.70	71	3,843
2001-02	355,891	38,684	10.85	86.27	109	3,954
2002-03	400,325	46,982	11.75	86.18	109	3,673
2003-04	423,209	47,443	11.20	86.00	109	3,882
2004-05	412,113	46,433	11.20	82.23	112	3,680
2005-06	457,376	50,162	10.90	88.40	122	3,749
2006-07	523,725	55,552	10.60	86.12	131	3,998
2007-08	569,136	59,555	10.40	91.14	144	3,952
2008-09	579,308	62,871	10.80	88.64	133	4,356
2009-10	781,457	80,137	10.25	91.49	168	4,652
2010-11	913,287	96,811	10.60	80.62	157	5,817
2011-12	1,203,978	128,752	10.69	87.66	184	6,543
2012-13	1,513,570	161,058	10.60	99.76	185	8,181
2013-14	1,587,299	163,291	10.29	99.15	187	8,488
2014-15	1,684,254	171,642	10.19	95.42	186	9,055
2015-16	2,134,096	213,655	10.01	98.32	189	11,292
2016-17	1,892,424	208,668	11.03	71.03	160	11,828
2017-18	2,030,168	223,040	10.99	87.61	169	12,013
2018-19	2,166,936	244,496	11.31	102.56	177	12,243
2019-20	2,099,443	235,806	11.23	96.83	175	11,997
2020-21	2,347,373	253,073	10.78	99.45	185	12,689
2021-22	2,382,302	267,829	11.24	100.15	186	12,808

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2021/2022, Simposio análisis de zafra, CENGICANÁ

CUADRO 18. Producción de azúcar.
Ingenio Chabil Utzaj 2011/12 - 2014/15

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DÍAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
2011-12	56,031	3,524	6.29	-----	35	1,601
2012-13	263,749	21,974	8.33	90.46	96	2,747
2013-14	377,766	34,107	9.03	89.48	142	3,096
2014-15	461,331	44,224	9.59	96.29	145	3,691

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
2011/12 - 2014/15, Simposio análisis de zafra, CENGICANÁ



**Alcance del Sistema de Gestión de la Calidad de
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DE LA CAÑA DE AZÚCAR**

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