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

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CUADRO RESUMEN

Crecimiento de la Industria Azucarera
Guatemalteca
(1982/83 – 2010/11)

INGENIO	Producción total de azúcar TM		Incremento %
	1982-83	2010/11	
Concepción	59639	121979	105
Pantaleón	101066	418880	314
Palo Gordo	46148	93531	103
Los Tarros ¹	10086	28845	186
Madre Tierra	37123	151647	308
Tulula	11384	74315	553
San Diego ²	17434	50126	188
Santa Teresa ³	4437	2916	-34
La Sonrisa	1652	1602	-3
La Unión	37040	274319	641
Santa Ana	72864	221494	204
Guadalupe ⁴	13237	69324	424
Magdalena	18187	409296	2150
El Pilar	38995	184268	373
Trinidad	4686	96811	1966
TOTAL	528837	2048142	287

Última Zafra de Producción:

¹Zafra 2007/08; ²Zafra 2009/10;

³Zafra 2008/09; ⁴Zafra 2008/09;

¹Coordinador TT y C; ²Director General; ³Técnico TT y C; CENGICAÑA.

Cuadro 1. Producción de azúcar de Guatemala, 1959/60 - 2010/2011

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

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 2010-11 ASAZGUA y CENGICAÑA.

AMA*= Quintales equivalentes a la producción de materiales azucarados

TM** = Toneladas Métricas

Cuadro 2. Exportación y consumo de azúcar en Guatemala. 1964/65-2009/2010

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

Fuente: Asociación de Azucareros de Guatemala, ASAZGUA

Cuadro 3. Producción de azúcar Ingenio Concepción 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR(%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción. 1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

CUADRO 4. Producción de azúcar. Ingenio Pantaleón 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO (%)	RENDIMIENTO DE CAÑA (TM/ha)	DIAS ZAFRA EFECTIVOS	PROMED. MOL. DIARIA (TM)
1982-83	994503	101065.8	9.29	-----	-----	-----
1983-84	983093	98464.4	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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción. 1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

CUADRO 5. Producción de azúcar.
Ingenio Palo Gordo 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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	5,544
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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción. 1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

CUADRO 7. Producción de azúcar.
Ingenio Madre Tierra 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción. 1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

CUADRO 6. Producción de azúcar.
Ingenio Los Tarros 1982/83 - 2007/08

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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 8. Producción de azúcar.
Ingenio Tuluá 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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	5,209.1
2010-11	689,593	74,315	10.78	82.97	136	5,071

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción. 1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

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 10. Producción de azúcar.
Ingenio Santa Teresa 1982/83 - 2008/09

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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2008/09, Simposio análisis de zafra, CENGICAÑA

CUADRO 11. Producción de azúcar.
Ingenio La Sonrisa 1982/83 - 2010/11

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	-----	-----	-----
1985-86	20,850	2,012	9.65	-----	75	216
1986-87	19,256	1,786	9.28	-----	75	278
1987-88	31,621	2,941	9.30	-----	70	275
1988-89	21,612	1,860	8.61	-----	108	293
1989-90	21,341	1,958	9.18	-----	85	254
1990-91	27,299	2,559	9.38	85.91	79	270
1991-92	23,847	2,118	8.88	-----	92	297
1992-93	20,652	1,842	8.92	-----	79	302
1993-94	23,354	2,045	8.76	-----	74	279
1994-95	26,643	2,492	9.35	-----	85	275
1995-96	22,015	2,015	9.15	58.79	89	299
1996-97	21,985	2,072	9.42	69.00	82	268
1997-98	21,979	2,063	9.40	66.36	63	349
1998-99	32,585	2,637	8.10	56.00	67	343
1999-00	32,826	2,845	8.65	-----	102	319
2000-01	33,727	3,255	9.65	-----	105	313
2001-02	28,601	2,647	9.25	-----	92	367
2002-03	22,953	2,088	9.10	-----	84	340
2003-04	27,481	2,483	9.05	-----	67	343
2004-05	29,850	2,594	8.69	-----	79	348
2005-06	27,576	2,368	8.59	-----	86	347
2006-07	24,241	2,205	9.10	-----	80	345
2007-08	25,742	2,350	9.13	-----	69	351
2008-09	16,535	1,425	8.62	-----	74	348
2009-10	15,143	1,254	8.28	-----	49	337
2010-11	19,507	1,602	8.21	-----	46	329
					55	355

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

CUADRO 12. Producción de azúcar.
Ingenio La Unión 1982/83 - 2010/11

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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

CUADRO 13. Producción de azúcar.
Ingenio Santa Ana 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2010/2011, Simposio análisis de zafra, CENGICAÑA

CUADRO 15. Producción de azúcar.
Ingenio Magdalena 1983/84 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

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)	DIAS 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: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2008/09, Simposio análisis de zafra, CENGICAÑA

CUADRO 16. Producción de azúcar.
Ingenio El Pilar 1982/83 - 2010/11

ZAFRA	CAÑA MOLIDA (TM)	AZÚCAR (TM)	RENDIMIENTO DE AZÚCAR (%)	TONELAJE DE CAÑA (TM/ha)	DIAS 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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 2010/11, Simposio análisis de zafra, CENGICAÑA

**CUADRO 17. Producción de azúcar.
Ingenio Trinidad 1987/88 - 2010/11**

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	1045
1992-93	90,793	8,586	9.46	-----	83	1094
1993-94	123,130	11,429	9.28	97.79	109	1130
1994-95	172,082	16,369	9.51	-----	149	1155
1995-96	172,046	15,750	9.15	84.91	118	1458
1996-97	236,065	21,608	9.15	93.00	129	1830
1997-98	388,180	36,799	9.50	98.36	145	2677
1998-99	279,389	26,738	9.55	80.09	86	3249
1999-00	251,838	27,245	10.80	79.43	71	3547
2000-01	272,835	29,613	10.85	78.70	71	3843
2001-02	355,891	38,684	10.85	86.27	109	3954
2002-03	400,325	46,982	11.75	86.18	109	3673
2003-04	423,209	47,443	11.20	86.00	109	3882
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

Fuente: ASAZGUA. Cuadros finales, Comparativo de producción.
1995/96 - 20010/11, Simposio análisis de zafra, CENGICAÑA



**Alcance del Sistema de Gestión de la Calidad de
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Agroindustria Azucarera"

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