

# Harvest update of South-Central region

## Bi-weekly bulletin

Position until 09/01/2020



UNIÃO DA INDÚSTRIA DE CANA-DE-AÇÚCAR

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**Table 1.** 2020/2021 harvest season: accumulated production until September 1, 2020

Product	South-Central region			São Paulo			Others states			
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	
Sugarcane <sup>1</sup>	399,791	415,089	↑ 3.83%	234,145	249,691	↑ 6.64%	165,645	165,398	↓ -0.15%	
Sugar <sup>1</sup>	18,014	25,897	↑ 43.76%	12,449	17,899	↑ 43.78%	5,565	7,998	↑ 43.73%	
Anhydrous ethanol <sup>2</sup>	6,327	5,618	↓ -11.22%	3,723	3,154	↓ -15.27%	2,604	2,463	↓ -5.42%	
Hydrous ethanol <sup>2</sup>	14,373	13,352	↓ -7.10%	6,901	6,431	↓ -6.82%	7,471	6,921	↓ -7.37%	
Total ethanol <sup>2</sup>	20,700	18,969	↓ -8.36%	10,624	9,586	↓ -9.78%	10,075	9,384	↓ -6.87%	
TRS <sup>1</sup>	53,286	57,839	↑ 8.54%	31,145	35,082	↑ 12.64%	22,141	22,757	↑ 2.78%	
TRS/ ton of sugarcane <sup>3</sup>	133.29	139.34	↑ 4.54%	133.02	140.50	↑ 5.63%	133.67	137.59	↑ 2.94%	
Share %	sugar	35.48%	46.99%	↑	41.95%	53.55%	↑	26.38%	36.88%	↑
	ethanol	64.52%	53.01%	↓	58.05%	46.45%	↓	73.62%	63.12%	↓
Liters of ethanol/ ton of sugarcane	50.64	43.51	↓ -14.08%	45.38	38.39	↓ -15.40%	58.07	51.23	↓ -11.78%	
Kg of sugar/ ton of sugarcane	45.06	62.39	↑ 38.47%	53.17	71.69	↑ 34.83%	33.59	48.36	↑ 43.94%	

**Table 2.** 2020/2021 harvest season: BI-WEEKLY values (2nd two-week period of August, 2020)

Product	South-Central region			São Paulo			Others states			
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	
Sugarcane <sup>1</sup>	47,970	42,113	↓ -12.21%	28,483	25,232	↓ -11.41%	19,488	16,881	↓ -13.37%	
Sugar <sup>1</sup>	2,521	2,933	↑ 16.34%	1,759	2,067	↑ 17.51%	762	866	↑ 13.63%	
Anhydrous ethanol <sup>2</sup>	801	659	↓ -17.68%	490	358	↓ -26.90%	311	302	↓ -3.19%	
Hydrous ethanol <sup>2</sup>	1,934	1,501	↓ -22.40%	935	697	↓ -25.46%	998	803	↓ -19.53%	
Total ethanol <sup>2</sup>	2,735	2,160	↓ -21.02%	1,425	1,055	↓ -25.95%	1,310	1,105	↓ -15.65%	
TRS <sup>1</sup>	7,244	6,573	↓ -9.26%	4,270	3,964	↓ -7.17%	2,974	2,609	↓ -12.27%	
TRS/ ton of sugarcane <sup>3</sup>	151.01	156.07	↑ 3.36%	149.92	157.10	↑ 4.79%	152.59	154.53	↑ 1.27%	
Share %	sugar	36.53%	46.84%	↑	43.23%	54.72%	↑	26.91%	34.85%	↑
	ethanol	63.47%	53.16%	↓	56.77%	45.28%	↓	73.09%	65.15%	↓
Liters of ethanol/ ton of sugarcane	56.46	48.85	↓ -13.48%	50.03	41.82	↓ -16.41%	65.86	59.35	↓ -9.88%	
Kg of sugar/ ton of sugarcane	52.56	69.65	↑ 32.52%	61.75	81.92	↑ 32.65%	39.13	51.32	↑ 31.17%	

Source: UNICA. Note: <sup>1</sup>- thousand tons; <sup>2</sup>- million liters; <sup>3</sup>- kg of TRS/ ton of sugarcane. Total Recoverable Sugar (TRS) index was calculated excluding corn ethanol production (the data are those shown in Table 8).

**Table 3.** Bi-weekly sugarcane crushing, ACCUMULATED - results for the South-Central region

Bi-weekly period	SUGARCANE (tons)								
	São Paulo			South-Central region			Others states		
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)
16/04	6,569,258	13,528,706	106%	13,899,536	22,421,948	61%	7,330,278	8,893,242	21%
01/05	25,179,709	37,736,899	50%	45,628,290	60,456,625	32%	20,448,581	22,719,726	11%
16/05	49,140,141	64,313,055	31%	84,668,602	102,605,203	21%	35,528,461	38,292,148	8%
01/06	75,569,695	90,020,375	19%	128,974,836	144,839,830	12%	53,405,141	54,819,455	3%
16/06	100,383,119	114,917,719	14%	171,529,400	186,468,480	9%	71,146,281	71,550,761	1%
01/07	128,093,735	139,857,959	9%	218,054,004	229,405,191	5%	89,960,269	89,547,232	0%
16/07	151,328,006	167,311,963	11%	259,055,782	275,965,686	7%	107,727,776	108,653,723	1%
01/08	180,755,489	197,209,056	9%	308,959,753	326,595,861	6%	128,204,264	129,386,805	1%
16/08	205,662,798	224,459,344	9%	351,820,605	372,976,039	6%	146,157,807	148,516,695	2%
01/09	234,145,411	249,691,107	7%	399,790,851	415,089,036	4%	165,645,440	165,397,929	0%
16/09	257,228,569			439,398,577			182,170,008		
01/10	277,821,500			474,603,493			196,781,993		
16/10	301,019,439			512,225,407			211,205,968		
01/11	320,728,208			545,006,184			224,277,976		
16/11	332,126,557			564,897,942			232,771,385		
01/12	337,834,661			575,777,896			237,943,235		
16/12	338,934,750			578,353,403			239,418,653		
01/01	339,095,769			579,086,444			239,990,675		
16/01	339,105,940			579,214,045			240,108,105		
01/02	339,115,761			579,300,846			240,185,085		
16/02	339,115,761			579,471,266			240,355,505		
01/03	339,115,761			579,929,722			240,813,961		
16/03	340,012,241			582,885,596			242,873,355		
01/04	343,750,456			590,360,866			246,610,410		

Source: UNICA.

**Table 4.** Bi-weekly sugar production, ACCUMULATED - results for the South-Central region

Bi-weekly period	SUGAR (tons)								
	São Paulo			South-Central region			Others states		
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)
16/04	189,162	623,314	230%	340,097	967,108	184%	150,935	343,794	128%
01/05	896,261	2,064,509	130%	1,382,273	2,992,281	116%	486,012	927,772	91%
16/05	2,041,606	3,819,400	87%	2,986,824	5,468,148	83%	945,218	1,648,748	74%
01/06	3,356,861	5,586,119	66%	4,857,487	8,015,843	65%	1,500,626	2,429,724	62%
16/06	4,638,645	7,359,492	59%	6,727,704	10,565,434	57%	2,089,059	3,205,942	53%
01/07	6,189,207	9,219,928	49%	8,939,510	13,293,525	49%	2,750,303	4,073,597	48%
16/07	7,494,584	11,281,979	51%	10,881,625	16,308,448	50%	3,387,041	5,026,469	48%
01/08	9,225,125	13,635,746	48%	13,362,564	19,740,826	48%	4,137,439	6,105,080	48%
16/08	10,690,136	15,832,242	48%	15,492,231	22,963,712	48%	4,802,095	7,131,470	49%
01/09	12,449,046	17,899,199	44%	18,013,596	25,897,035	44%	5,564,550	7,997,836	44%
16/09	13,841,811			20,051,912			6,210,101		
01/10	15,095,905			21,849,093			6,753,188		
16/10	16,476,211			23,762,724			7,286,513		
01/11	17,554,292			25,281,196			7,726,904		
16/11	18,097,383			26,072,269			7,974,886		
01/12	18,329,581			26,420,262			8,090,681		
16/12	18,353,528			26,470,438			8,116,910		
01/01	18,357,544			26,483,375			8,125,831		
16/01	18,357,544			26,487,649			8,130,105		
01/02	18,357,544			26,491,297			8,133,753		
16/02	18,357,544			26,493,805			8,136,261		
01/03	18,357,544			26,493,805			8,136,261		
16/03	18,381,140			26,534,637			8,153,497		
01/04	18,515,133			26,761,354			8,246,221		

Source: UNICA.

**Table 5.** Bi-weekly ethanol production, ACCUMULATED - results for the South-Central region

Bi-weekly period	ETHANOL TOTAL (m <sup>3</sup> )								
	São Paulo			South-Central region			Others states		
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)
16/04	300,908	512,229	70%	739,915	981,549	33%	439,007	469,320	7%
01/05	1,071,889	1,382,100	29%	2,239,177	2,577,398	15%	1,167,288	1,195,298	2%
16/05	2,054,503	2,375,327	16%	4,051,880	4,395,223	8%	1,997,377	2,019,896	1%
01/06	3,201,144	3,350,163	5%	6,220,817	6,205,148	0%	3,019,673	2,854,985	-5%
16/06	4,295,560	4,281,071	0%	8,348,126	8,042,490	-4%	4,052,566	3,761,419	-7%
01/07	5,533,683	5,232,985	-5%	10,708,776	10,000,989	-7%	5,175,093	4,768,004	-8%
16/07	6,604,755	6,264,706	-5%	12,885,597	12,127,431	-6%	6,280,842	5,862,725	-7%
01/08	7,976,935	7,433,756	-7%	15,549,740	14,533,946	-7%	7,572,805	7,100,190	-6%
16/08	9,199,449	8,530,335	-7%	17,964,942	16,809,024	-6%	8,765,493	8,278,689	-6%
01/09	10,624,449	9,585,502	-10%	20,699,826	18,969,110	-8%	10,075,377	9,383,608	-7%
16/09	11,825,199			23,104,007			11,278,808		
01/10	12,921,154			25,339,586			12,418,432		
16/10	14,148,696			27,638,706			13,490,010		
01/11	15,247,906			29,698,726			14,450,820		
16/11	15,913,226			31,003,391			15,090,165		
01/12	16,256,971			31,760,884			15,503,913		
16/12	16,329,768			32,010,226			15,680,458		
01/01	16,341,351			32,147,498			15,806,147		
16/01	16,343,601			32,243,133			15,899,532		
01/02	16,346,150			32,346,308			16,000,158		
16/02	16,348,975			32,449,978			16,101,003		
01/03	16,350,656			32,559,416			16,208,760		
16/03	16,389,013			32,802,741			16,413,728		
01/04	16,544,705			33,258,355			16,713,650		

Source: UNICA.

**Table 6.** Bi-weekly anhydrous ethanol production, ACCUMULATED - results for the South-Central region

Bi-weekly period	ANHYDROUS ETHANOL (m <sup>3</sup> )								
	São Paulo			South-Central region			Others states		
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)
16/04	40,634	119,256	193%	74,239	178,515	140%	33,605	59,259	76%
01/05	229,490	389,273	70%	393,623	615,913	56%	164,133	226,640	38%
16/05	582,440	695,175	19%	954,867	1,119,859	17%	372,427	424,684	14%
01/06	1,016,699	1,010,294	-1%	1,680,103	1,665,045	-1%	663,404	654,751	-1%
16/06	1,446,496	1,329,445	-8%	2,418,241	2,228,565	-8%	971,745	899,120	-7%
01/07	1,918,114	1,648,180	-14%	3,233,200	2,824,863	-13%	1,315,086	1,176,683	-11%
16/07	2,327,195	2,014,511	-13%	3,957,485	3,498,347	-12%	1,630,290	1,483,836	-9%
01/08	2,813,625	2,420,111	-14%	4,794,322	4,238,815	-12%	1,980,697	1,818,704	-8%
16/08	3,233,339	2,796,519	-14%	5,526,032	4,958,051	-10%	2,292,693	2,161,532	-6%
01/09	3,722,954	3,154,418	-15%	6,327,144	5,617,512	-11%	2,604,190	2,463,094	-5%
16/09	4,129,115			7,010,930			2,881,815		
01/10	4,490,914			7,625,954			3,135,040		
16/10	4,895,381			8,314,508			3,419,127		
01/11	5,281,709			8,957,479			3,675,770		
16/11	5,548,972			9,384,606			3,835,634		
01/12	5,711,343			9,682,002			3,970,659		
16/12	5,761,864			9,798,545			4,036,681		
01/01	5,785,074			9,851,306			4,066,232		
16/01	5,781,549			9,878,294			4,096,745		
01/02	5,769,084			9,885,393			4,116,309		
16/02	5,733,952			9,884,336			4,150,384		
01/03	5,709,836			9,869,482			4,159,646		
16/03	5,683,885			9,866,647			4,182,762		
01/04	5,708,268			9,945,683			4,237,415		

Source: UNICA.

**Table 7.** Bi-weekly hydrous ethanol production, ACCUMULATED - results for the South-Central region

Bi-weekly period	HYDROUS ETHANOL (m <sup>3</sup> )								
	São Paulo			South-Central region			Others states		
	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)	2019/2020	2020/2021	Var. (%)
16/04	260,274	392,973	51%	665,676	803,034	21%	405,402	410,061	1%
01/05	842,399	992,827	18%	1,845,554	1,961,485	6%	1,003,155	968,658	-3%
16/05	1,472,063	1,680,152	14%	3,097,013	3,275,364	6%	1,624,950	1,595,212	-2%
01/06	2,184,445	2,339,869	7%	4,540,714	4,540,103	0%	2,356,269	2,200,234	-7%
16/06	2,849,064	2,951,626	4%	5,929,885	5,813,925	-2%	3,080,821	2,862,299	-7%
01/07	3,615,569	3,584,805	-1%	7,475,576	7,176,126	-4%	3,860,007	3,591,321	-7%
16/07	4,277,560	4,250,195	-1%	8,928,112	8,629,084	-3%	4,650,552	4,378,889	-6%
01/08	5,163,310	5,013,645	-3%	10,755,418	10,295,131	-4%	5,592,108	5,281,486	-6%
16/08	5,966,110	5,733,816	-4%	12,438,910	11,850,973	-5%	6,472,800	6,117,157	-5%
01/09	6,901,495	6,431,084	-7%	14,372,682	13,351,598	-7%	7,471,187	6,920,514	-7%
16/09	7,696,084			16,093,077			8,396,993		
01/10	8,430,240			17,713,632			9,283,392		
16/10	9,253,315			19,324,198			10,070,883		
01/11	9,966,197			20,741,247			10,775,050		
16/11	10,364,254			21,618,785			11,254,531		
01/12	10,545,628			22,078,882			11,533,254		
16/12	10,567,904			22,211,681			11,643,777		
01/01	10,556,277			22,296,192			11,739,915		
16/01	10,562,052			22,364,839			11,802,787		
01/02	10,577,066			22,460,915			11,883,849		
16/02	10,615,023			22,565,642			11,950,619		
01/03	10,640,820			22,689,934			12,049,114		
16/03	10,705,128			22,936,094			12,230,966		
01/04	10,836,437			23,312,672			12,476,235		

Source: UNICA.

**Table 8.** Accumulated and bi-weekly corn ethanol production in 2020/2021 harvest season - results for the South-Central region

Bi-weekly period	BI-WEEKLY values			ACCUMULATED values		
	a. Anhydrous ethanol	b. Hydrous ethanol	Total a+b	a. Anhydrous ethanol	b. Hydrous ethanol	Total a+b
16/04	20,896	65,400	86,296	20,896	65,400	86,296
01/05	44,341	67,717	112,058	65,237	133,117	198,354
16/05	21,536	73,501	95,037	86,773	206,618	293,391
01/06	12,448	44,923	57,371	99,221	251,541	350,762
16/06	16,598	50,935	67,533	115,819	302,476	418,295
01/07	31,273	57,359	88,632	147,092	359,835	506,927
16/07	28,219	71,224	99,443	175,311	431,059	606,370
01/08	20,610	88,056	108,666	195,921	519,115	715,036
16/08	26,422	66,124	92,546	222,343	585,239	807,582
01/09	26,662	76,330	102,992	249,005	661,569	910,574
16/09						
01/10						
16/10						
01/11						
16/11						
01/12						
16/12						
01/01						
16/01						
01/02						
16/02						
01/03						
16/03						
01/04						

Source: UNICA.



**Table 9. Ethanol sales by mills in South-Central region, per ethanol type and destination (m<sup>3</sup>).**

Product	Month	Total		External market		Domestic market	
		2019/2020	2020/2021	2019/2020	2020/2021	2019/2020	2020/2021
Total ethanol	Apr	2,511,161	1,793,078	54,865	75,163	2,456,296	1,717,915
	May	3,028,753	2,183,164	138,476	151,118	2,890,277	2,032,046
	Jun	2,709,939	2,399,633	185,054	265,703	2,524,885	2,133,930
	Jul	2,943,774	2,679,704	222,253	306,736	2,721,521	2,372,968
	Aug	3,100,886	2,687,648	288,211	306,337	2,812,675	2,381,311
	Sep	2,935,733		199,626		2,736,107	
	Oct	3,121,884		227,536		2,894,348	
	Nov	2,847,663		143,814		2,703,849	
	Dec	2,805,762		120,559		2,685,203	
	Jan	2,556,867		63,746		2,493,121	
	Feb	2,405,380		120,787		2,284,593	
	Mar	2,315,577		148,619		2,166,958	
	<b>Total</b>		<b>14,294,513</b>	<b>11,743,227</b>	<b>888,859</b>	<b>1,105,057</b>	<b>13,405,654</b>
Anhydrous ethanol	Apr	665,424	526,613	50,542	30,036	614,882	496,577
	May	928,442	650,181	121,817	61,319	806,625	588,862
	Jun	815,297	768,563	118,728	104,698	696,569	663,865
	Jul	909,323	951,190	151,706	183,253	757,617	767,937
	Aug	1,033,925	923,158	217,835	128,307	816,090	794,851
	Sep	866,350		127,280		739,070	
	Oct	896,801		142,527		754,274	
	Nov	854,600		93,010		761,590	
	Dec	840,362		30,393		809,969	
	Jan	771,869		39,000		732,869	
	Feb	819,283		82,466		736,817	
	Mar	858,186		81,654		776,532	
	<b>Total</b>		<b>4,352,411</b>	<b>3,819,705</b>	<b>660,628</b>	<b>507,613</b>	<b>3,691,783</b>
Hydrous ethanol	Apr	1,845,737	1,266,465	4,323	45,127	1,841,414	1,221,338
	May	2,100,311	1,532,983	16,659	89,799	2,083,652	1,443,184
	Jun	1,894,642	1,631,070	66,326	161,005	1,828,316	1,470,065
	Jul	2,034,451	1,728,514	70,547	123,483	1,963,904	1,605,031
	Aug	2,066,961	1,764,490	70,376	178,030	1,996,585	1,586,460
	Sep	2,069,383		72,346		1,997,037	
	Oct	2,225,083		85,009		2,140,074	
	Nov	1,993,063		50,804		1,942,259	
	Dec	1,965,400		90,166		1,875,234	
	Jan	1,784,998		24,746		1,760,252	
	Feb	1,586,097		38,321		1,547,776	
	Mar	1,457,391		66,965		1,390,426	
	<b>Total</b>		<b>9,942,102</b>	<b>7,923,522</b>	<b>228,231</b>	<b>597,444</b>	<b>9,713,871</b>

Source: UNICA. Note: 1st two-week period of August.

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*Data released in this report has been compiled and analyzed by UNICA, with figures provided by mills and by the following associations of producers from South-Central states:*

- *Ethanol and sugar producers association in the state of Paraná (Alcopar);*
- *Bioenergy producers association of Mato Grosso do Sul (Biosul);*
- *Sugar and ethanol industries association in the state of Minas Gerais (SIAMIG);*
- *Association of ethanol industry of Goiás state (SIFAEG);*
- *Sugar and ethanol industry association of Mato Grosso (SINDALCOOL);*
- *Plants and distilleries society of Espírito Santo state (SUDES);*
- *Ethanol and sugar industry association of Rio de Janeiro (SISERJ).*

*Data regarding weather and agricultural conditions has been provided by the Center for Sugarcane Technology (CTC).*

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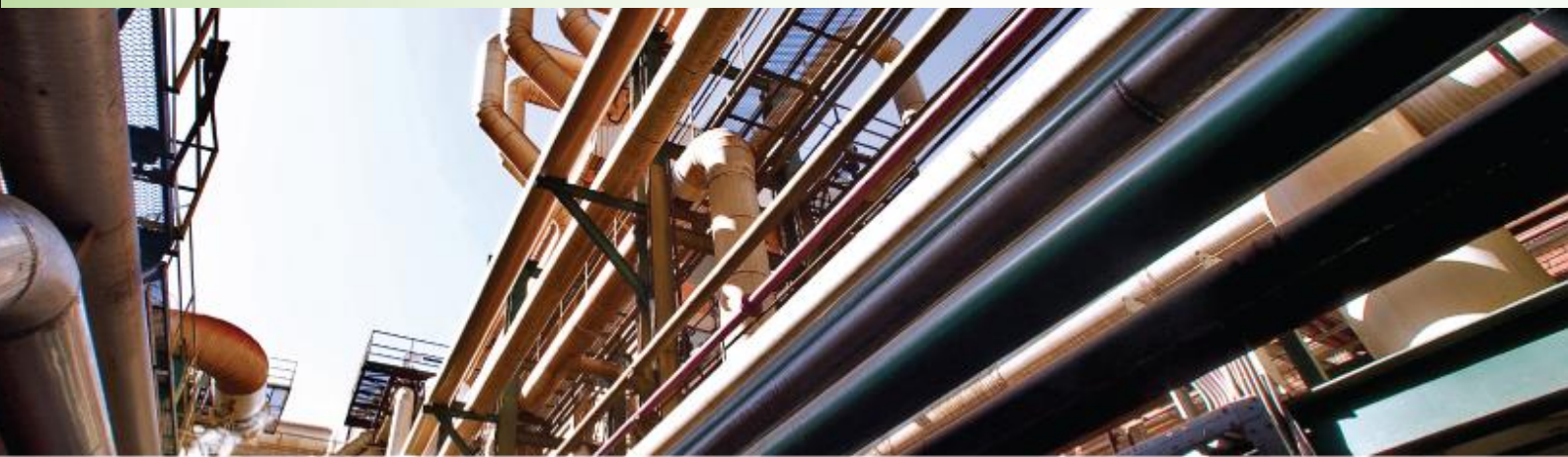
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BRAZILIAN SUGARCANE INDUSTRY ASSOCIATION

ETHANOL • SUGAR • ENERGY

BRAZIL



**BIOENERGIA**  
ALCOPAR / SIALPAR / SIAPAR



CENTRO DE TECNOLOGIA CANAVIEIRA



**BioSul**  
Associação dos Produtores de Bioenergia  
de Mato Grosso do Sul



Associação das Indústrias Sucroenergéticas de Minas Gerais



**SINDALCOOL/MT**  
SINDICATO DAS INDÚSTRIAS SUCROALCOOLEIRAS  
DO ESTADO DE MATO GROSSO

**SISERJ**

Sindicato da Indústria Sucroenergética  
do Estado do Rio de Janeiro

**SIFAEG**

SINDICATO DA INDÚSTRIA DE FABRICAÇÃO  
DE ETANOL DO ESTADO DE GOIÁS  
GOIÁS ETHANOL INDUSTRY ASSOCIATION

**SIFAÇUCAR**

SINDICATO DA INDÚSTRIA DE FABRICAÇÃO  
DE AÇÚCAR DO ESTADO DE GOIÁS  
GOIÁS SUGAR INDUSTRY ASSOCIATION

**SUDES**