

# HARVEST 2021/2022

## Harvest update of South-Central region **Bi-weekly** Bulletin

Position until 05/01/2021



**Table 1.** 2021/2022 harvest season: accumulated production until May 01, 2021

Product	South-Central region			São Paulo			Others states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
Sugarcane <sup>1</sup>	60,702	45,259	↓ -25.44%	37,970	23,442	↓ -38.26%	22,732	21,818	↓ -4.02%
Sugar <sup>1</sup>	3,005	2,148	↓ -28.51%	2,077	1,245	↓ -40.08%	928	903	↓ -2.62%
Anhydrous ethanol <sup>2</sup>	616	448	↓ -27.26%	389	194	↓ -50.06%	227	254	↑ 11.92%
Hydrous ethanol <sup>2</sup>	1,974	1,569	↓ -20.54%	1,005	609	↓ -39.34%	970	959	↓ -1.06%
Total ethanol <sup>2</sup>	2,590	2,017	↓ -22.14%	1,394	804	↓ -42.34%	1,196	1,213	↑ 1.40%
TRS <sup>1</sup>	7,203	5,281	↓ -26.67%	4,545	2,667	↓ -41.30%	2,658	2,614	↓ -1.66%
TRS/ ton of sugarcane <sup>3</sup>	118.65	116.69	↓ -1.65%	119.69	113.79	↓ -4.93%	116.93	119.81	↑ 2.46%
Share % sugar	43.78%	42.68%	↓	47.97%	48.97%	↑	36.63%	36.27%	↓
Share % ethanol	56.22%	57.32%	↑	52.03%	51.03%	↓	63.37%	63.73%	↑
Liters of ethanol/ ton of sugarcane	39.40	39.51	↑ 0.28%	36.71	34.29	↓ -6.60%	43.90	45.13	↑ 2.80%
Kg of sugar/ ton of sugarcane	49.50	47.46	↓ -4.12%	54.70	53.09	↓ -2.95%	40.81	41.41	↑ 1.46%

**Table 2.** 2021/2022 harvest season: BI-WEEKLY values (2nd two-week period of April, 2021)

Product	South-Central region			São Paulo			Others states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
Sugarcane <sup>1</sup>	38,192	29,594	↓ -22.51%	24,353	16,783	↓ -31.08%	13,839	12,811	↓ -7.43%
Sugar <sup>1</sup>	2,033	1,515	↓ -25.49%	1,449	958	↓ -33.92%	584	557	↓ -4.58%
Anhydrous ethanol <sup>2</sup>	437	340	↓ -22.19%	270	164	↓ -39.38%	167	177	↑ 5.53%
Hydrous ethanol <sup>2</sup>	1,166	944	↓ -19.07%	607	417	↓ -31.29%	560	527	↓ -5.82%
Total ethanol <sup>2</sup>	1,604	1,284	↓ -19.92%	877	581	↓ -33.78%	727	704	↓ -3.21%
TRS <sup>1</sup>	4,663	3,569	↓ -23.45%	3,011	1,990	↓ -33.89%	1,652	1,579	↓ -4.44%
TRS/ ton of sugarcane <sup>3</sup>	122.10	120.61	↓ -1.22%	123.63	118.60	↓ -4.07%	119.41	123.26	↑ 3.22%
Share % sugar	45.76%	44.54%	↓	50.52%	50.50%	↓	37.09%	37.04%	↓
Share % ethanol	54.24%	55.46%	↑	49.48%	49.50%	↑	62.91%	62.96%	↑
Liters of ethanol/ ton of sugarcane	39.06	39.44	↑ 0.98%	36.01	34.60	↓ -3.91%	44.43	45.79	↑ 3.06%
Kg of sugar/ ton of sugarcane	53.24	51.19	↓ -3.85%	59.52	57.07	↓ -4.12%	42.20	43.50	↑ 3.08%

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			Other states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
16/04	13,617,049	6,658,203	-51%	22,510,291	15,664,985	-30%	8,893,242	9,006,782	1%
01/05	37,969,735	23,441,504	-38%	60,702,094	45,259,321	-25%	22,732,359	21,817,817	-4%
16/05	64,724,605			103,040,754			38,316,149		
01/06	90,611,341			145,465,695			54,854,354		
16/06	115,684,179			187,277,320			71,593,141		
01/07	140,793,668			230,394,083			89,600,415		
16/07	168,430,617			277,149,315			108,718,698		
01/08	198,524,550			327,989,948			129,465,398		
16/08	225,954,441			374,570,629			148,616,188		
01/09	251,300,957			416,818,697			165,517,740		
16/09	277,373,078			461,491,200			184,118,122		
01/10	301,059,813			501,874,854			200,815,041		
16/10	322,664,494			538,861,412			216,196,918		
01/11	338,954,795			565,793,539			226,838,744		
16/11	350,341,913			586,158,781			235,816,868		
01/12	354,184,781			594,894,576			240,709,795		
16/12	354,778,300			596,923,685			242,145,385		
01/01	354,801,800			597,376,974			242,575,174		
16/01	354,812,065			597,589,553			242,777,488		
01/02	354,812,065			597,634,059			242,821,994		
16/02	354,812,065			598,120,950			243,308,885		
01/03	354,828,660			598,789,934			243,961,274		
16/03	355,229,225			600,467,427			245,238,202		
01/04	356,507,515			605,462,269			248,954,754		

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			Other states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
16/04	627,659	286,773	-54%	971,453	632,971	-35%	343,794	346,198	1%
01/05	2,077,035	1,244,535	-40%	3,004,807	2,147,990	-29%	927,772	903,455	-3%
16/05	3,841,295			5,490,043			1,648,748		
01/06	5,617,360			8,047,084			2,429,724		
16/06	7,400,975			10,606,917			3,205,942		
01/07	9,271,538			13,345,135			4,073,597		
16/07	11,348,752			16,375,221			5,026,469		
01/08	13,709,952			19,815,032			6,105,080		
16/08	15,919,032			23,051,327			7,132,295		
01/09	17,987,129			25,985,169			7,998,040		
16/09	20,163,089			29,189,150			9,026,061		
01/10	22,127,067			32,055,114			9,928,047		
16/10	23,918,078			34,676,062			10,757,984		
01/11	25,112,051			36,411,715			11,299,664		
16/11	25,964,133			37,655,429			11,691,296		
01/12	26,228,606			38,086,307			11,857,701		
16/12	26,274,837			38,180,486			11,905,649		
01/01	26,274,841			38,191,529			11,916,688		
16/01	26,274,841			38,199,227			11,924,386		
01/02	26,274,841			38,201,088			11,926,247		
16/02	26,274,841			38,222,438			11,947,597		
01/03	26,274,841			38,241,111			11,966,270		
16/03	26,281,422			38,291,346			12,009,924		
01/04	26,324,147			38,464,939			12,140,792		

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			Other states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
16/04	516,905	223,010	-57%	986,225	732,410	-26%	469,320	509,400	9%
01/05	1,393,845	803,718	-42%	2,590,093	2,016,735	-22%	1,196,248	1,213,017	1%
16/05	2,396,738			4,418,536			2,021,798		
01/06	3,381,407			6,239,091			2,857,684		
16/06	4,320,899			8,085,565			3,764,666		
01/07	5,281,007			10,052,884			4,771,877		
16/07	6,321,437			12,188,673			5,867,236		
01/08	7,500,336			14,605,882			7,105,546		
16/08	8,605,914			16,891,234			8,285,320		
01/09	9,669,324			19,069,686			9,400,362		
16/09	10,772,174			21,390,755			10,618,581		
01/10	11,824,518			23,564,652			11,740,134		
16/10	12,817,296			25,637,999			12,820,703		
01/11	13,580,630			27,150,392			13,569,762		
16/11	14,111,985			28,325,495			14,213,510		
01/12	14,297,893			28,920,907			14,623,014		
16/12	14,332,758			29,151,739			14,818,981		
01/01	14,335,975			29,292,736			14,956,761		
16/01	14,338,480			29,418,903			15,080,423		
01/02	14,340,517			29,544,837			15,204,320		
16/02	14,340,518			29,674,348			15,333,830		
01/03	14,341,560			29,791,846			15,450,286		
16/03	14,361,406			29,991,726			15,630,320		
01/04	14,426,350			30,363,243			15,936,893		

Source: UNICA.



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

Bi-weekly period	ANHYDROUS ETHANOL (m³)								
	São Paulo			South-Central region			Other states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
16/04	119,256	30,694	-74%	178,515	107,705	-40%	59,259	77,011	30%
01/05	389,273	194,385	-50%	615,913	448,034	-27%	226,640	253,649	12%
16/05	695,175			1,119,859			424,684		
01/06	1,010,294			1,665,045			654,751		
16/06	1,329,445			2,228,565			899,120		
01/07	1,648,180			2,824,863			1,176,683		
16/07	2,014,511			3,498,347			1,483,836		
01/08	2,420,111			4,238,815			1,818,704		
16/08	2,796,519			4,958,051			2,161,532		
01/09	3,155,068			5,618,863			2,463,795		
16/09	3,542,132			6,368,433			2,826,301		
01/10	3,986,764			7,151,004			3,164,240		
16/10	4,411,867			7,912,879			3,501,012		
01/11	4,776,082			8,550,532			3,774,450		
16/11	5,044,246			9,051,989			4,007,743		
01/12	5,211,227			9,403,587			4,192,360		
16/12	5,259,054			9,545,683			4,286,629		
01/01	5,254,597			9,585,394			4,330,797		
16/01	5,256,295			9,616,594			4,360,299		
01/02	5,257,702			9,660,392			4,402,690		
16/02	5,257,702			9,700,109			4,442,407		
01/03	5,254,062			9,707,659			4,453,597		
16/03	5,221,989			9,683,998			4,462,009		
01/04	5,194,817			9,687,935			4,493,118		

Source: UNICA.

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

Bi-weekly period	ETANOL HIDRATADO (m³)								
	São Paulo			South-Central region			Other states		
	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)	2020/2021	2021/2022	Var. (%)
16/04	397,649	192,316	-52%	807,710	624,705	-23%	410,061	432,389	5%
01/05	1,004,572	609,333	-39%	1,974,180	1,568,701	-21%	969,608	959,368	-1%
16/05	1,701,563			3,298,677			1,597,114		
01/06	2,371,113			4,574,046			2,202,933		
16/06	2,991,454			5,857,000			2,865,546		
01/07	3,632,827			7,228,021			3,595,194		
16/07	4,306,926			8,690,326			4,383,400		
01/08	5,080,225			10,367,067			5,286,842		
16/08	5,809,395			11,933,183			6,123,788		
01/09	6,514,256			13,450,823			6,936,567		
16/09	7,230,042			15,022,322			7,792,280		
01/10	7,837,754			16,413,648			8,575,894		
16/10	8,405,429			17,725,120			9,319,691		
01/11	8,804,548			18,599,860			9,795,312		
16/11	9,067,739			19,273,506			10,205,767		
01/12	9,086,666			19,517,320			10,430,654		
16/12	9,073,704			19,606,056			10,532,352		
01/01	9,081,378			19,707,342			10,625,964		
16/01	9,082,185			19,802,309			10,720,124		
01/02	9,082,815			19,884,445			10,801,630		
16/02	9,082,816			19,974,239			10,891,423		
01/03	9,087,498			20,084,187			10,996,689		
16/03	9,139,417			20,307,728			11,168,311		
01/04	9,231,533			20,675,308			11,443,775		

Source: UNICA.

**Table 8.** Accumulated and bi-weekly corn ethanol production in 2021/2022 harvest season - results for the South-Central region

Bi-weekly period	BI-WEEKLY values (m <sup>3</sup> )			ACCUMULATED values (m <sup>3</sup> )		
	<i>a. Anhydrous ethanol</i>	<i>b. Hydrous ethanol</i>	Total <i>a+b</i>	a. Anhydrous ethanol	b. Hydrous ethanol	Total <i>a+b</i>
16/04	14,662	96,767	111,429	14,662	96,767	111,429
01/05	26,664	90,335	116,999	41,326	187,102	228,428
16/05						
01/06						
16/06						
01/07						
16/07						
01/08						
16/08						
01/09						
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	
		2020/2021	2021/2022	2020/2021	2021/2022	2020/2021	2021/2022
Total ethanol	Apr	1,812,183	2,145,723	75,163	68,233	1,737,020	2,077,490
	May	2,207,941		151,118		2,056,823	
	Jun	2,419,725		265,703		2,154,022	
	Jul	2,701,940		306,783		2,395,157	
	Aug	2,718,752		302,346		2,416,406	
	Sep	2,892,535		342,799		2,549,736	
	Oct	3,049,853		358,018		2,691,835	
	Nov	2,731,050		240,529		2,490,521	
	Dec	2,780,429		170,032		2,610,397	
	Jan	2,610,291		146,679		2,463,612	
	Feb	2,461,120		174,242		2,286,878	
	Mar	2,420,720		162,357		2,258,363	
	<b>Total</b>	<b>1,812,183</b>	<b>2,145,723</b>	<b>75,163</b>	<b>68,233</b>	<b>1,737,020</b>	<b>2,077,490</b>
Anhydrous ethanol	Apr	529,227	656,182	30,036	17,939	499,191	638,243
	May	652,028		61,319		590,709	
	Jun	769,435		104,698		664,737	
	Jul	952,359		183,253		769,106	
	Aug	925,978		129,915		796,063	
	Sep	984,480		188,030		796,450	
	Oct	992,089		191,604		800,485	
	Nov	912,031		90,711		821,320	
	Dec	899,186		41,336		857,850	
	Jan	872,002		60,795		811,207	
	Feb	771,653		36,637		735,016	
	Mar	792,057		18,959		773,098	
	<b>Total</b>	<b>529,227</b>	<b>656,182</b>	<b>30,036</b>	<b>17,939</b>	<b>499,191</b>	<b>638,243</b>
Hydrous ethanol	Apr	1,282,956	1,489,541	45,127	50,294	1,237,829	1,439,247
	May	1,555,913		89,799		1,466,114	
	Jun	1,650,290		161,005		1,489,285	
	Jul	1,749,581		123,530		1,626,051	
	Aug	1,792,774		172,431		1,620,343	
	Sep	1,908,055		154,769		1,753,286	
	Oct	2,057,764		166,414		1,891,350	
	Nov	1,819,019		149,818		1,669,201	
	Dec	1,881,243		128,696		1,752,547	
	Jan	1,738,289		85,884		1,652,405	
	Feb	1,689,467		137,605		1,551,862	
	Mar	1,628,663		143,398		1,485,265	
	<b>Total</b>	<b>1,282,956</b>	<b>1,489,541</b>	<b>45,127</b>	<b>50,294</b>	<b>1,237,829</b>	<b>1,439,247</b>

Source: UNICA.



*Data released in this report has been compiled and analysed by UNICA, with figures provided by mills and by 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-MT);*
- *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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