Mes	FCPO (USD/ton	TRM	FleteACP	BonoCalidad	ConvACP	ConvBiod	FPE_USD	FPE_COP	Contrato met	Spot met.	Costo Log. met	Factor met.	CrédGlicerina	Palma (USD/gal)	FPE (USD/gal)	Metanol (USD/gal)	Glicerina (USD/gal)	IP - Fedepalma	IP - Metodología Actual	Diferencia
2019-10	677.76	3,433.3116	76.00	0.062	6.882	7.217	28	488,041.000	338.00	269.00	158.40	0.104	15.408	116.3167	23.5761	6.6562	2.1350	**11,805.20**		
2019-11	758.90	3,401.4730	76.00	0.062	6.882	7.217	28	488,041.000	338.00	266.00	158.40	0.104	15.408	128.8387	23.7605	6.6346	2.1350	**12,723.03**	**10,709.72**	2,013.31
2019-12	781.46	3,378.0284	76.00	0.062	6.882	7.217	28	488,041.000	338.00	262.00	158.40	0.104	15.408	132.3199	23.8984	6.6057	2.1350	**12,924.11**	**11,426.97**	1,497.14
2020-01	795.56	3,311.1894	76.00	0.062	6.882	7.217	28	488,041.000	340.00	276.00	158.40	0.104	15.408	134.4953	24.3025	6.7210	2.1350	**12,880.83**	**12,217.68**	663.15
2020-02	712.46	3,411.0528	76.00	0.062	6.882	7.217	28	506,586.558	397.00	334.00	158.40	0.104	15.408	121.6711	24.4580	7.5496	2.1350	**12,307.70**	**12,042.34**	265.36
2020-03	622.59	3,877.0484	76.00	0.062	6.882	7.217	28	506,586.558	397.00	246.00	158.40	0.104	15.408	107.8031	21.9846	6.9156	2.1350	**12,422.09**	**11,467.90**	954.19
2020-04	590.39	3,977.3933	76.00	0.062	6.882	7.217	28	506,586.558	354.00	209.00	158.40	0.104	15.408	102.8344	21.5278	6.3391	2.1350	**12,175.22**	**11,210.74**	964.48
2020-05	609.92	3,858.1916	76.00	0.062	6.882	7.217	28	506,586.558	311.00	183.00	158.40	0.104	15.408	105.8487	22.0731	5.8420	2.1350	**12,091.65**	**11,440.52**	651.13
2020-06	694.13	3,701.6043	76.00	0.062	6.882	7.217	28	506,586.558	286.00	143.00	158.40	0.104	15.408	118.8428	22.8427	5.3736	2.1350	**12,772.66**	**11,162.41**	1,610.25
2020-07	694.00	3,657.8668	76.00	0.062	6.882	7.217	28	506,586.558	268.00	188.00	158.40	0.104	15.408	118.8230	23.0695	5.5682	2.1350	**12,656.72**	**11,537.66**	1,119.06
2020-08	725.00	3,783.0161	76.00	0.062	6.882	7.217	28	506,586.558	278.00	233.00	158.40	0.104	15.408	123.6068	22.4346	5.9645	2.1350	**13,499.15**	**11,321.54**	2,177.61
2020-09	767.00	3,750.2153	76.00	0.062	6.882	7.217	28	506,586.558	291.00	249.00	158.40	0.104	15.408	130.0881	22.5969	6.1734	2.1350	**13,993.97**	**12,335.58**	1,658.39
2020-10	778.00	3,833.7884	76.00	0.062	6.882	7.217	28	506,586.558	340.00	299.00	158.40	0.104	15.408	131.7855	22.1889	6.8867	2.1350	**14,488.64**	**12,941.33**	1,547.31
2020-11	869.00	3,685.6267	76.00	0.062	6.882	7.217	28	506,586.558	373.00	310.00	158.40	0.104	15.408	145.8282	22.9249	7.2038	2.1350	**15,253.40**	**13,272.03**	1,981.37
2020-12	925.00	3,466.1271	76.00	0.062	6.882	7.217	28	506,586.558	404.00	365.50	158.40	0.104	15.408	154.4699	24.1310	7.8270	2.1350	**15,209.12**	**14,218.95**	990.17
2021-01	949.00	3,491.3216	76.00	0.062	6.882	7.217	28	506,586.558	487.00	356.00	158.40	0.104	15.408	158.1735	23.9849	8.3566	2.1350	**15,659.41**	**14,215.75**	1,443.66
2021-02	952.00	3,554.3971	76.00	0.062	6.882	7.217	28	514,941.000	492.00	367.00	158.40	0.104	15.408	158.6364	23.9538	8.4719	2.1350	**15,988.62**	**14,748.92**	1,239.70
2021-03	1,009.00	3,612.7684	76.00	0.062	6.882	7.217	28	514,941.000	500.00	382.00	158.40	0.104	15.408	167.4324	23.6294	8.6376	2.1350	**16,994.16**	**14,831.14**	2,163.02
2021-04	1,002.00	3,650.7760	76.00	0.062	6.882	7.217	28	514,941.000	522.00	401.50	158.40	0.104	15.408	166.3522	23.4238	8.9366	2.1350	**17,087.17**	**16,072.69**	1,014.48
2021-05	1,084.00	3,735.6661	76.00	0.062	6.882	7.217	28	514,941.000	537.00	362.50	158.40	0.104	15.408	179.0061	22.9797	8.7637	2.1350	**18,555.10**	**15,884.08**	2,671.02
2021-06	960.00	3,685.0427	76.00	0.062	6.882	7.217	28	514,941.000	537.00	361.00	158.40	0.104	15.408	159.8710	23.2421	8.7529	2.1350	**16,646.83**	**17,605.64**	-958.81
2021-07	1,045.00	3,829.4181	76.00	0.062	6.882	7.217	28	514,941.000	537.00	382.00	158.40	0.104	15.408	172.9878	22.5121	8.9042	2.1350	**18,442.22**	**15,961.81**	2,480.41
2021-08	1,099.00	3,881.1835	76.00	0.062	6.882	7.217	28	514,941.000	537.00	449.00	158.40	0.104	15.408	181.3208	22.2636	9.3869	2.1350	**19,483.21**	**16,655.75**	2,827.46
2021-09	1,121.00	3,821.5377	76.00	0.062	6.882	7.217	28	514,941.000	595.00	432.00	158.40	0.104	15.408	184.7158	22.5505	9.6824	2.1350	**19,545.68**	**18,503.29**	1,042.39
2021-10	1,253.00	3,773.3842	76.00	0.062	6.882	7.217	28	514,941.000	607.00	492.00	158.40	0.104	15.408	205.0854	22.7888	10.2011	2.1350	**21,197.47**	**18,424.98**	2,772.49
2021-11	1,256.00	3,902.9010	76.00	0.062	6.882	7.217	28	514,941.000	675.00	449.00	158.40	0.104	15.408	205.5484	22.1613	10.3813	2.1350	**21,926.50**	**19,896.36**	2,030.14
2021-12	1,183.00	3,963.1597	76.00	0.062	6.882	7.217	28	514,941.000	648.00	361.00	158.40	0.104	15.408	194.2833	21.8833	9.5527	2.1350	**21,097.63**	**20,763.66**	333.97
2022-01	1,317.00	3,999.6161	76.00	0.062	6.882	7.217	28	514,941.000	612.00	392.50	158.40	0.104	15.408	214.9616	21.7192	9.5202	2.1350	**23,242.16**	**20,012.84**	3,229.32
2022-02	1,447.00	3,935.8518	76.00	0.062	6.882	7.217	28	543,881.000	615.00	394.00	158.40	0.104	15.408	235.0227	23.0271	9.5527	2.1350	**24,877.16**	**21,553.58**	3,323.58
2022-03	1,573.00	3,807.8484	76.00	0.062	6.882	7.217	28	543,881.000	615.00	449.00	158.40	0.104	15.408	254.4664	23.6707	9.9490	2.1350	**25,925.21**	**23,478.84**	2,446.37
2022-04	1,546.00	3,792.9910	76.00	0.062	6.882	7.217	28	543,881.000	660.00	374.00	158.40	0.104	15.408	250.2999	23.7482	9.7328	2.1350	**25,435.26**	**24,992.58**	442.68
2022-05	1,523.00	4,019.0794	76.00	0.062	6.882	7.217	28	543,881.000	631.00	337.50	158.40	0.104	15.408	246.7507	22.6306	9.2609	2.1350	**26,459.62**	**23,682.46**	2,777.16
2022-06	1,336.00	3,930.7667	76.00	0.062	6.882	7.217	28	543,881.000	607.00	366.00	158.40	0.104	15.408	217.8936	23.0518	9.2933	2.1350	**23,219.96**	**26,041.40**	-2,821.44
2022-07	974.00	4,367.8058	76.00	0.062	6.882	7.217	28	543,881.000	598.00	366.00	158.40	0.104	15.408	162.0314	21.1335	9.2284	2.1350	**19,785.99**	**23,070.87**	-3,284.88
2022-08	1,004.00	4,322.4694	76.00	0.062	6.882	7.217	28	543,881.000	592.00	362.00	158.40	0.104	15.408	166.6609	21.3145	9.1564	2.1350	**20,068.27**	**20,250.62**	-182.35
2022-09	895.00	4,433.6510	76.00	0.062	6.882	7.217	28	543,881.000	591.00	525.00	158.40	0.104	15.408	149.8405	20.8773	10.3236	2.1350	**18,885.91**	**20,226.09**	-1,340.18
2022-10	908.00	4,711.8303	76.00	0.062	6.882	7.217	28	543,881.000	356.00	584.00	158.40	0.104	15.408	152.0009	19.8737	9.0555	2.1350	**20,058.39**	**20,226.96**	-168.57
2022-11	986.00	4,926.6607	76.00	0.062	6.882	7.217	28	543,881.000	309.00	584.00	158.40	0.104	15.408	163.8832	19.1763	8.7169	2.1350	**22,245.21**	**18,025.63**	4,219.58
2022-12	983.00	4,788.4906	76.00	0.062	6.882	7.217	28	543,881.000	575.00	369.00	158.40	0.104	15.408	163.4202	19.6177	9.0843	2.1350	**21,660.77**	**20,307.66**	1,353.11
2023-01	992.00	4,715.2474	76.00	0.062	6.882	7.217	28	543,881.000	575.00	316.00	158.40	0.104	15.408	164.8091	19.8622	8.7025	2.1350	**21,469.95**	**20,319.76**	1,150.19
2023-02	1,005.00	4,803.1414	76.00	0.062	6.882	7.217	28	615,238.000	581.00	366.00	158.40	0.104	15.408	166.8152	21.6282	9.1059	2.1350	**22,347.69**	**20,318.24**	2,029.45
2023-03	963.00	4,766.3058	76.00	0.062	6.882	7.217	28	615,238.000	592.00	307.50	158.40	0.104	15.408	160.3339	21.7654	8.7637	2.1350	**21,417.51**	**20,581.84**	835.67
2023-04	926.00	4,542.6743	76.00	0.062	6.882	7.217	28	615,238.000	577.00	281.00	158.40	0.104	15.408	154.6242	22.6459	8.4647	2.1350	**19,857.96**	**20,598.48**	-740.52
2023-05	860.00	4,540.0890	76.00	0.062	6.882	7.217	28	615,238.000	560.00	289.50	158.40	0.104	15.408	144.4394	22.6565	8.4034	2.1350	**18,740.24**	**19,028.88**	-288.64
2023-06	845.00	4,209.2680	76.00	0.062	6.882	7.217	28	615,238.000	544.00	257.50	158.40	0.104	15.408	142.1247	24.1323	8.0576	2.1350	**17,255.95**	**17,645.24**	-389.29
2023-07	944.00	4,069.2335	76.00	0.062	6.882	7.217	28	615,238.000	524.00	232.50	158.40	0.104	15.408	157.4019	24.8292	7.7334	2.1350	**18,198.15**	**16,362.43**	1,835.72
2023-08	917.00	4,070.7252	76.00	0.062	6.882	7.217	28	615,238.000	517.00	234.50	158.40	0.104	15.408	153.2354	24.8218	7.6973	2.1350	**17,796.76**	**16,821.97**	974.79
2023-09	891.00	4,004.5207	76.00	0.062	6.882	7.217	28	615,238.000	517.00	254.00	158.40	0.104	15.408	149.2232	25.1678	7.8378	2.1350	**17,171.18**	**16,525.29**	645.89
2023-10	862.00	4,222.4332	76.00	0.062	6.882	7.217	28	615,238.000	517.00	312.50	158.40	0.104	15.408	144.7480	24.0691	8.2593	2.1350	**17,587.60**	**16,157.60**	1,430.00
2023-11	907.00	4,038.8047	76.00	0.062	6.882	7.217	28	615,238.000	552.00	326.00	158.40	0.104	15.408	151.6922	24.9871	8.6088	2.1350	**17,612.38**	**16,349.37**	1,263.01
2023-12	886.00	3,948.2068	76.00	0.062	6.882	7.217	28	615,238.000	557.00	313.00	158.40	0.104	15.408	148.4516	25.4714	8.5511	2.1350	**16,952.77**	**16,303.97**	648.80
2024-01	898.00	3,915.1987	76.00	0.062	6.882	7.217	28	615,238.000	577.00	316.00	158.40	0.104	15.408	150.3034	25.6534	8.7169	2.1350	**17,016.08**	**16,033.62**	982.46
2024-02	894.00	3,931.4386	76.00	0.062	6.882	7.217	28	672,332.000	595.00	329.00	158.40	0.104	15.408	149.6861	27.5758	8.9402	2.1350	**17,229.73**	**15,773.87**	1,455.86
2024-03	964.00	3,899.3413	76.00	0.062	6.882	7.217	28	672,332.000	616.00	352.50	158.40	0.104	15.408	160.4882	27.7708	9.2609	2.1350	**18,139.82**	**16,059.27**	2,080.55
2024-04	948.00	3,867.9753	76.00	0.062	6.882	7.217	28	672,332.000	633.00	344.00	158.40	0.104	15.408	158.0192	27.9645	9.3221	2.1350	**17,790.00**	**16,743.09**	1,046.91
2024-05	914.00	3,869.2139	76.00	0.062	6.882	7.217	28	672,332.000	645.00	313.00	158.40	0.104	15.408	152.7724	27.9568	9.1852	2.1350	**17,299.03**	**16,689.66**	609.37
2024-06	915.40	4,042.7970	76.00	0.062	6.882	7.217	28	672,332.000	659.00	349.00	158.40	0.104	15.408	152.9885	26.9231	9.5455	2.1350	**18,031.07**	**15,954.12**	2,076.95
2024-07	980.90	4,036.9219	76.00	0.062	6.882	7.217	28	672,332.000	680.00	355.50	158.40	0.104	15.408	163.0962	26.9566	9.7436	2.1350	**18,998.66**	**16,756.38**	2,242.28
2024-08	996.00	4,065.5465	76.00	0.062	6.882	7.217	28	672,332.000	697.00	339.00	158.40	0.104	15.408	165.4263	26.7941	9.7472	2.1350	**19,343.55**	**16,930.51**	2,413.04
2024-09	1,057.00	4,182.5123	76.00	0.062	6.882	7.217	28	672,332.000	720.00	345.00	158.40	0.104	15.408	174.8396	26.1533	9.9562	2.1350	**20,794.46**	**17,106.68**	3,687.78
2024-10	1,149.00	4,249.4700	76.00	0.062	6.882	7.217	28	672,332.000	735.00	372.50	158.40	0.104	15.408	189.0366	25.8023	10.2624	2.1350	**22,559.26**	**18,334.94**	4,224.32
2024-11	1,240.00	4,408.6523	76.00	0.062	6.882	7.217	28	672,332.000	783.00	394.00	158.40	0.104	15.408	203.0793	25.0108	10.7631	2.1350	**24,847.83**	**19,836.60**	5,011.23
2024-12	1,187.00	4,385.1487	76.00	0.062	6.882	7.217	28	672,332.000	819.00	409.00	158.40	0.104	15.408	194.9006	25.1240	11.1306	2.1350	**23,911.62**	**21,570.32**	2,341.30
2025-01	1,077.00	4,307.5674	76.00	0.062	6.882	7.217	28	672,332.000	897.00	399.00	158.40	0.104	15.408	177.9259	25.5067	11.6206	2.1350	**21,837.13**	**22,225.62**	-388.49
2025-02	1,136.00	4,127.9539	114.20	0.062	6.882	7.217	28	707,293.000	897.00	375.50	158.40	0.104	15.408	192.9254	27.6212	11.4512	2.1350	**22,591.98**	**21,003.32**	1,588.66
2025-03	1,113.00	4,137.6845	114.20	0.062	6.882	7.217	28	707,293.000	897.00	323.00	158.40	0.104	15.408	189.3761	27.5654	11.0730	2.1350	**22,252.81**	**20,758.93**	1,493.88
2025-04	1,048.00	4,280.2580	114.20	0.062	6.882	7.217	28	707,293.000	889.00	313.00	158.40	0.104	15.408	179.3456	26.7764	10.9433	2.1350	**21,903.74**	**20,359.07**	1,544.67
2025-05	1,020.00	4,203.3771	114.20	0.062	6.882	7.217	28	707,293.000	827.00	276.00	158.40	0.104	15.408	175.0248	27.1952	10.2300	2.1350	**21,048.41**	**20,308.97**	739.44
2025-06	1,055.00	4,113.4850	114.20	0.062	6.882	7.217	28	707,293.000	786.00	284.00	158.40	0.104	15.408	180.4258	27.7047	9.9922	2.1350	**21,153.87**	**19,372.81**	1,781.06
2025-07	1,106.00	4,040.8484	114.20	0.062	6.882	7.217	28	707,293.000	795.00	312.50	158.40	0.104	15.408	188.2959	28.1330	10.2624	2.1350	**21,604.71**	**19,366.99**	2,237.72
2025-08	1,144.00	4,047.4116	114.20	0.062	6.882	7.217	28	707,293.000	786.00	326.00	158.40	0.104	15.408	194.1599	28.0937	10.2948	2.1350	**22,204.23**	**19,681.63**	2,522.60
2025-09	1,156.00	3,922.2120	114.20	0.062	6.882	7.217	28	707,293.000	786.00	339.50	158.40	0.104	15.408	196.0117	28.8666	10.3921	2.1350	**21,771.58**	**20,626.80**	1,144.78
2025-10	1,155.00	3,877.8448	114.20	0.062	6.882	7.217	28	707,293.000	804.00	309.00	158.40	0.104	15.408	195.8574	29.1525	10.3020	2.1350	**21,529.14**	**20,192.53**	1,336.61
2025-11	1,155.00	3,786.1833	114.20	0.062	6.882	7.217	28	707,293.000	804.00	301.00	158.40	0.104	15.408	195.8574	29.7643	10.2444	2.1350	**21,070.21**	**19,426.01**	1,644.20
2025-12	1,094.00	3,791.4719	114.20	0.062	6.882	7.217	28	707,293.000	804.00	291.00	158.40	0.104	15.408	186.4441	29.7282	10.1723	2.1350	**20,240.11**	**18,964.82**	1,275.29
2026-01	1,118.00	3,702.9990	114.20	0.062	6.882	7.217	28	707,293.000	871.00	311.00	158.40	0.104	15.408	190.1477	30.3458	10.7992	2.1350	**20,204.06**	**18,686.62**	1,517.44
2026-02	1,144.00	3,675.6414	114.20	0.062	6.882	7.217	28	743,364.943	933.00	352.50	158.40	0.104	15.408	194.1599	31.9026	11.5449	2.1350	**20,607.43**	**18,383.60**	2,223.83
2026-03	1,231.00	3,717.5574	114.20	0.062	6.882	7.217	28	743,364.943	950.00	382.00	158.40	0.104	15.408	207.5854	31.5866	11.8800	2.1350	**22,032.45**	**19,368.96**	2,663.49

Variable	Fórmula (referencia fila i)	Descripción
Palma (USD/gal)	`#NOMBRE?`	Componente del aceite crudo de palma, incluye flete y bono de calidad del 6.2%
FPE (USD/gal)	`#NOMBRE?`	Factor de Producción Eficiente (componente fija de costos del productor)
Metanol (USD/gal)	`#NOMBRE?`	Componente del metanol con costo logístico, ajustado por factor de uso
Glicerina (USD/gal)	`#NOMBRE?`	Crédito por venta de glicerina como subproducto
IP - Fedepalma	`#NOMBRE?`	IP calculado con fórmula simplificada (división por 42 = ton a galones)
IP - Metodología Actual	`Valor del archivo IP_Biodiesel_historico.xlsx`	IP calculado con la metodología completa de la Res. 40400 (banda, canasta, etc.)
Diferencia	`#NOMBRE?`	Diferencia entre IP Fedepalma e IP por Metodología Actual