

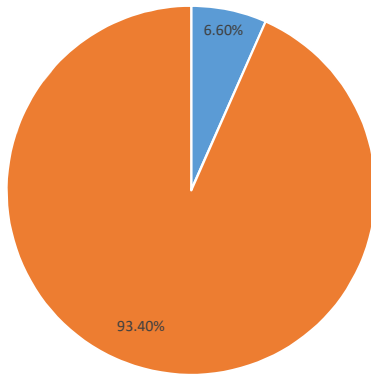
# FRIGORIFICO ALLANA PVT. LTD.



Overall Palm Oil Traceability to Mill: 100%

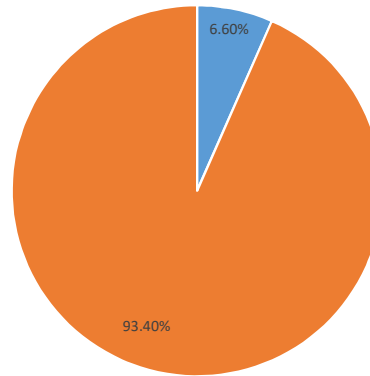
Oct-Dec 2021

% VOLUME SUPPLY



■ Palm Kernel Oil ■ Palm Oil

% TRACEABILITY TO MILL



■ Palm Kernel Oil ■ Palm Oil

## List of Supplying Mills - Palm Oil

Qtr	Name of Supplier	Region	% of Supply	% Traceability to Mill
Q4 - 2021	ASIA OILS PTE LTD	MALAYSIA	31%	31%
Q4 - 2021	GOLDEN AGRI INTERNATIONAL PTE. LTD.	THAILAND	29%	29%
Q4 - 2021	AAA OILS & FATS PTE LTD	INDONESIA	21%	21%
Q4 - 2021	CARGILL INTERNATIONAL PTE LTD	MALAYSIA	18%	18%
Q4 - 2021	GODREJ AGROVET LTD.	INDIA	0%	0%
Q4 - 2021	3F OIL PALM AGROTECH PRIVATE LIMITED	INDIA	0%	0%
			100%	100%

## List of Supplying Mills - Palm Kernel Oil

Qtr	Name of Supplier	Region	% of Supply	% Traceability to Mill
Q4 - 2021	RUCHI SOYA INDUSTRIES LIMITED	INDIA	42%	42%
Q4 - 2021	ASIA OILS PTE LTD	MALAYSIA	14%	14%
Q4 - 2021	CARGILL INTERNATIONAL PTE LTD	MALAYSIA	14%	14%
Q4 - 2021	FGV IFFCO TRADING SDN BHD	LIBERIA	10%	10%
Q4 - 2021	3F OIL PALM AGROTECH PRIVATE LIMITED	INDIA	8%	8%
Q4 - 2021	FGV IFFCO SDN BHD	MALAYSIA	8%	8%
Q4 - 2021	GODREJ AGROVET LTD.	INDIA	4%	4%
			100%	100%

Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
TAMAN RAJA (PTR)	-1.17669	103.00781	PO1000002143	DASA ANUGRAH SEJATI	Indonesia	JAMBI	AAA
GUNUNG MELAYU II (PGD)	2.74939	99.46969	PO1000002608	GUNUNG MELAYU	Indonesia	NORTH SUMATERA	AAA
NEGERI LAMA II (PND)	2.35969	100.03531	PO1000003004	HARI SAWIT JAYA	Indonesia	NORTH SUMATERA	AAA
NEGERI LAMA I (PNS)	2.35969	100.04189	PO1000002147	HARI SAWIT JAYA	Indonesia	NORTH SUMATERA	AAA
TANJUNG SELAMAT (PTS)	2.1277	100.0027	PO1000002607	INDO SEPADAN JAYA	Indonesia	NORTH SUMATERA	AAA
BUATAN II (PBD)	0.4599	101.8678	PO1000000382	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
BUATAN I (PBS)	0.43439	101.825	PO1000000021	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
MUARA BULIAN (PMB)	-1.58581	103.2055	PO1000000279	INTI INDOSAWIT SUBUR	Indonesia	JAMBI	AAA
SUNGAI POKAHAN	-0.09678	101.29769	PO1000006173	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
TUNGKAL ULU (PTU)	-1.30031	102.98139	PO1000000345	INTI INDOSAWIT SUBUR	Indonesia	JAMBI	AAA
UKUI II (PUD)	-0.27689	102.11689	PO1000002491	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
UKUI I (PUS)	-0.22611	102.0925	PO1000000148	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
PENARIKAN (PPR)	0.19172	101.79331	PO1000008155	MITRA UNGGUL PUSAKA	Indonesia	RIAU	AAA
SEGATI (PSG)	0.14186	101.65039	PO1000004157	MITRA UNGGUL PUSAKA	Indonesia	RIAU	AAA
BUNGA TEBO (PBT)	-1.34669	102.45611	PO1000002913	RIGUNAS AGRI UTAMA	Indonesia	JAMBI	AAA
PERANAP (PPN)	-0.58469	102.01939	PO1000002063	RIGUNAS AGRI UTAMA	Indonesia	RIAU	AAA
GUNUNG MELAYU I (PGS)	2.79169	99.59831	PO1000002609	SAUDARA SEJATI LUHUR	Indonesia	NORTH SUMATERA	AAA
AEK NABARA (PAN)	1.99981	99.93969	PO1000002145	SUPRA MATRA ABADI	Indonesia	NORTH SUMATERA	AAA
TANAH DATAR (PTD)	3.148	99.55639	PO1000002144	SUPRA MATRA ABADI	Indonesia	NORTH SUMATERA	AAA
TELUK PANJI (PTP)	2.00281	100.24361	PO1000002146	SUPRA MATRA ABADI	Indonesia	NORTH SUMATERA	AAA
TOPAZ (PTZ)	0.68939	100.935	PO1000002142	TUNGKAL YUNUS ESTATE	Indonesia	RIAU	AAA
AGRO SEJAHTERA	-0.51654	102.01874	-	AGRO SEJAHTERA	Indonesia	RIAU	AAA
AGRO ABADI	0.34756	101.47483	PO1000008215	AGRO ABADI	Indonesia	RIAU	AAA
AGRO SARIMAS INDONESIA	-0.5163	102.9215	PO1000004392	AGRO SARIMAS INDONESIA	Indonesia	RIAU	AAA
AGRO WIJAYA INDUSTRI	-1.76147	102.244	PO1000008386	AGRO WIJAYA INDUSTRI	Indonesia	JAMBI	AAA
AIR KAMPAR	0.42414	101.18386	-	AIR KAMPAR	Indonesia	RIAU	AAA
ANUGERAH TANI MAKMUR	0.53622	101.60202	PO1000007457	ANUGERAH TANI MAKMUR	Indonesia	RIAU	AAA
ARYA RAMA PRAKARSA	1.22086	100.38377	PO1000008279	ARYA RAMA PRAKARSA	Indonesia	RIAU	AAA
ASIA SAWIT LESTARI	-1.83758	103.37903	PO1000007468	ASIA SAWIT LESTARI	Indonesia	JAMBI	AAA
JAKE (ASMJ)	-0.48407	101.45246	PO1000004315	ASIA SAWIT MAKMUR JAYA	Indonesia	RIAU	AAA
AEK SIGALA GALA	1.61969	100.10381	PO1000001315	BARUMUN AGRO SENTOSA	Indonesia	NORTH SUMATERA	AAA
INHIL	-0.70853	102.65842	PO1000007652	BERKAT SAWIT SEJAHTERA	Indonesia	RIAU	AAA
BINA MITRA MAKMUR	-1.49842	102.24063	PO1000007481	BINA MITRA MAKMUR	Indonesia	JAMBI	AAA
BINA SAWIT NUSANTARA	0.16567	101.3266	PO1000004860	BINA SAWIT NUSANTARA	Indonesia	RIAU	AAA
KAMPAR	0.62456	101.13924	PO1000004403	BUMI MENTARI KARYA	Indonesia	RIAU	AAA
BUNGO LIMBUR	-1.3768	101.88791	PO1000008216	BUNGO LIMBUR	Indonesia	JAMBI	AAA
BUNGO SUKO MENANTI	-1.3074	101.76519	PO1000009558	BUNGO SUKO MENANTI	Indonesia	JAMBI	AAA
CITRA BUMI AGRO	0.99478	100.61603	PO1000004425	CITRA BUMI AGRO	Indonesia	RIAU	AAA
CITRA SAWIT HARUM	-1.74247	102.05447	PO1000006208	CITRA SAWIT HARUM	Indonesia	JAMBI	AAA
LAE TANGGA	2.24556	98.03006	PO1000004155	DELIMA MAKMUR	Indonesia	ACEH	AAA
DHARMASRAYA PALMA SEJAHTERA	-1.64853	102.92547	PO1000010013	DHARMASRAYA PALMA SEJAHTERA	Indonesia	JAMBI	AAA
DIAN ANGGARA PERSADA	0.97911	101.04528	PO1000008273	DIAN ANGGARA PERSADA	Indonesia	RIAU	AAA
DWI MITRA DAYA RIAU	1.81394	100.39781	PO1000004491	DWI MITRA DAYA RIAU	Indonesia	RIAU	AAA
FORTIUS AGRO ASIA	0.47881	100.7509	PO1000004190	FORTIUS AGRO ASIA	Indonesia	RIAU	AAA
FORTIUS WAJO PERKEBUNAN	-1.0485	102.90054	PO1000008601	FORTIUS WAJO PERKEBUNAN	Indonesia	JAMBI	AAA
GANDA BUANINDO	0.00721	101.23944	PO1000008138	GANDA BUANINDO	Indonesia	RIAU	AAA
GANDAERAH HENDANA	-0.15778	102.0583	PO1000004138	GANDAERAH HENDANA	Indonesia	RIAU	AAA
GELIGA BAGAN RIAU	1.60089	100.42132	PO1000004471	GELIGA BAGAN RIAU	Indonesia	RIAU	AAA
GEMILANG SAWIT LESTARI	-0.45437	101.82799	PO1000007508	GEMILANG SAWIT LESTARI	Indonesia	RIAU	AAA
GRAHA PERMATA HIJAU	1.12436	100.8489	PO1000008277	GRAHA PERMATA HIJAU	Indonesia	RIAU	AAA
GUNA AGUNG SEMESTA	0.98717	101.24421	PO1000006328	GUNA AGUNG SEMESTA	Indonesia	RIAU	AAA
GUNA SETIA PRATAMA	0.42869	101.59678	PO1000008224	GUNA SETIA PRATAMA	Indonesia	RIAU	AAA
GUNUNG SAWIT MAS	1.0827	100.29495	PO1000009580	GUNUNG SAWIT MAS	Indonesia	RIAU	AAA
HASIL KARYA BUMISEJATI	1.45085	100.6156	PO1000004260	HASIL KARYA BUMISEJATI	Indonesia	RIAU	AAA
HERFINTA FARM AND PLANTATION	1.85389	100.16622	PO1000004496	HERFINTA FARM AND PLANTATION	Indonesia	NORTH SUMATERA	AAA
INECDA PLANTATION	-0.49361	102.36694	PO1000004128	INECDA PLANTATION	Indonesia	RIAU	AAA
PANGKALAN LESUNG	0.02616	102.12076	PO1000000355	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
JABAL PERKASA	1.06208	100.13113	PO1000007524	JABAL PERKASA	Indonesia	RIAU	AAA
JAYA GEMILANG SUKSES	1.599	100.9059	PO1000007653	JAYA GEMILANG SUKSES	Indonesia	RIAU	AAA
KAMPARINDO AGRO INDUSTRI	0.86555	101.28606	PO1000008268	KAMPARINDO AGRO INDUSTRI	Indonesia	RIAU	AAA
KARYA INDRATA PERSADA	0.11299	101.23598	PO1000007546	KARYA INDRATA PERSADA	Indonesia	RIAU	AAA
KARYABADI SAMA SEJATI	1.47653	100.59956	PO1000008287	KARYABADI SAMA SEJATI	Indonesia	RIAU	AAA
KARYAINDO SEJATITAMA	-2.99777	102.78654	PO1000004075	KARYAINDO SEJATITAMA	Indonesia	SOUTH SUMATERA	AAA
KEBUN PANTAI RAJA	-0.05693	101.24338	PO1000004341	KEBUN PANTAI RAJA	Indonesia	RIAU	AAA
SUJUNJUNG	-0.90495	101.39893	PO1000006186	KEMILAU PERMATA SAWIT	Indonesia	WEST SUMATERA	AAA
KENCANA AGRO PERSADA	0.60564	101.24131	PO1000011194	KENCANA AGRO PERSADA	Indonesia	RIAU	AAA
KENCANA PERSADA NUSANTARA	1.17509	100.23255	PO1000004442	KENCANA PERSADA NUSANTARA	Indonesia	RIAU	AAA
KENCANA UTAMA SEJATI	1.06999	100.11689	PO1000007569	KENCANA UTAMA SEJATI	Indonesia	RIAU	AAA
KHARISMA AGRO SEJAHTERA	-0.7506	102.24273	PO1000008231	KHARISMA AGRO SEJAHTERA	Indonesia	RIAU	AAA
KHARISMA WIRAJAYA PALMA	0.82588	100.91619	PO1000010794	KHARISMA WIRAJAYA PALMA	Indonesia	RIAU	AAA
KUALA MAS SAWIT ABADI	1.81262	100.02533	PO1000004489	KUALA MAS SAWIT ABADI	Indonesia	NORTH SUMATERA	AAA
KURNIA MITRA SAWIT	2.40814	99.69778	PO1000008194	KURNIA MITRA SAWIT	Indonesia	NORTH SUMATERA	AAA
LANGGAK INTI LESTARI	0.63508	100.59149	PO1000007567	LANGGAK INTI LESTARI	Indonesia	RIAU	AAA
MAHATO INTI SAWIT	1.37356	100.29867	-	MAHATO INTI SAWIT	Indonesia	RIAU	AAA
AEK SIBIRONG	1.40923	98.85692	PO1000004461	MAJU INDRAYA	Indonesia	NORTH SUMATERA	AAA
MAKMUR ANDALAN SAWIT	0.06777	102.12421	PO1000004345	MAKMUR ANDALAN SAWIT	Indonesia	RIAU	AAA
MANDIRI SAWIT BERSAMA	1.07364	99.99511	PO1000004246	MANDIRI SAWIT BERSAMA	Indonesia	NORTH SUMATERA	AAA
MERANGKAI ARTHA NUSANTARA	1.21272	100.292	PO1000004444	MERANGKAI ARTHA NUSANTARA	Indonesia	RIAU	AAA
MERLUNG INTI LESTARI	-1.32864	103.27372	PO1000011556	MERLUNG INTI LESTARI	Indonesia	JAMBI	AAA
MITRA AGUNG SWADAYA	-0.49194	102.06236	PO1000004389	MITRA AGUNG SWADAYA	Indonesia	RIAU	AAA
MITRA SAWIT JAMBI	-1.31763	103.08589	PO1000004110	MITRA SAWIT JAMBI	Indonesia	JAMBI	AAA
MITRASARI PRIMA	0.13749	101.70388	PO1000007464	MITRASARI PRIMA	Indonesia	RIAU	AAA
ALIAGA	1.07906	100.05503	PO1000008398	MULTIAGRO SUMATERAJAYA	Indonesia	NORTH SUMATERA	AAA

Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
MUSTIKA AGRO SARI	-0.11409	101.29326	PO1000008400	MUSTIKA AGRO SARI	Indonesia	RIAU	AAA
MUSTIKA AGUNG SARANA SEJAHTERA	1.74933	100.92969	PO1000007661	MUSTIKA AGUNG SARANA SEJAHTERA	Indonesia	RIAU	AAA
MUSTIKA AGUNG SAWIT GEMILANG	-0.52547	101.99385	PO1000011182	MUSTIKA AGUNG SAWIT GEMILANG	Indonesia	RIAU	AAA
MUSTIKA AGUNG SAWIT SEJAHTERA	1.22425	101.24242	PO1000004255	MUSTIKA AGUNG SAWIT SEJAHTERA	Indonesia	RIAU	AAA
MUTIARA SAWIT SEMESTA	-1.60792	102.86322	PO1000008605	MUTIARA SAWIT SEMESTA	Indonesia	JAMBI	AAA
NIKMAT HALONA REKSA	-0.73478	102.52405	PO1000005106	NIKMAT HALONA REKSA	Indonesia	RIAU	AAA
PALMA GEMILANG KENCANA	-1.29793	103.48689	PO1000010016	PALMA GEMILANG KENCANA	Indonesia	JAMBI	AAA
PALUTA INTI SAWIT	1.55383	99.83556	PO1000007540	PALUTA INTI SAWIT	Indonesia	NORTH SUMATERA	AAA
PERAWANG AGRO SEJAHTERA	0.59748	101.62136	-	PERAWANG AGRO SEJAHTERA	Indonesia	RIAU	AAA
SEI BARUHUR	1.69192	100.28626	PO1000001784	PERKEBUNAN NUSANTARA - III	Indonesia	NORTH SUMATERA	AAA
SEI DAUN	1.67892	100.3283	PO1000004477	PERKEBUNAN NUSANTARA - III	Indonesia	NORTH SUMATERA	AAA
AEK RASO	1.70334	100.1715	PO1000001566	PERKEBUNAN NUSANTARA - III	Indonesia	NORTH SUMATERA	AAA
AEK TOROP	1.79361	100.15379	PO1000001565	PERKEBUNAN NUSANTARA - III	Indonesia	NORTH SUMATERA	AAA
SOSA	1.04883	100.01411	PO1000004428	PERKEBUNAN NUSANTARA - IV	Indonesia	NORTH SUMATERA	AAA
LUBUK DALAM	0.62928	101.77967	PO1000004219	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI BUATAN	0.65386	101.86481	PO1000004225	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI GARO	0.64372	101.11006	PO1000007605	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI INTAN	0.78478	100.61089	PO1000006147	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI PAGAR	0.3275	101.35116	PO1000006159	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI ROKAN	0.72649	100.57858	PO1000005128	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI TAPUNG	0.59906	100.61883	PO1000004212	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
TANAH PUTIH	1.74241	100.51224	PO1000004268	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
SEI TANDUN	0.59882	100.69357	PO1000004402	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
TERANTAM	0.58017	100.75097	PO1000004206	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
BUNUT	-1.91025	103.40358	PO1000008199	PERKEBUNAN NUSANTARA - VI	Indonesia	JAMBI	AAA
RIMBO DUA	-1.3777	102.1677	PO1000005442	PERKEBUNAN NUSANTARA - VI	Indonesia	JAMBI	AAA
AUR GADING	-1.8627	103.0207	PO1000007619	PERKEBUNAN NUSANTARA - VI	Indonesia	JAMBI	AAA
PENGABUAN	-1.25362	102.95208	PO1000010018	PERKEBUNAN NUSANTARA - VI	Indonesia	JAMBI	AAA
PINANG TINGGI	-1.96255	103.4007	PO1000007559	PERKEBUNAN NUSANTARA - VI	Indonesia	JAMBI	AAA
TANJUNG LEBAR	-2.0189	103.5448	PO1000008187	PERKEBUNAN NUSANTARA - VI	Indonesia	JAMBI	AAA
PERSADA AGRO SAWITA	-0.40882	102.35894	PO1000006176	PERSADA AGRO SAWITA	Indonesia	RIAU	AAA
PERSADA NUSA NABATI INDONESIA	0.64856	101.48506	PO1000006153	PERSADA NUSA NABATI INDONESIA	Indonesia	RIAU	AAA
MARO SEBO	-1.44631	103.62726	PO1000004465	PETALING MANDRAGUNA	Indonesia	JAMBI	AAA
PUTERA KERITANG SAWIT	-0.87182	102.66025	PO1000008395	PUTERA KERITANG SAWIT	Indonesia	RIAU	AAA
RIAU KAMPAR SAHABAT SEJATI	0.65886	100.89669	PO1000006152	RIAU KAMPAR SAHABAT SEJATI	Indonesia	RIAU	AAA
SIKARAKARA	0.67089	99.09206	PO1000001960	RIMBA MUJUR MAHKOTA	Indonesia	NORTH SUMATERA	AAA
RUDYAGUNG AGRALAKSANA	-1.2753	103.24986	PO1000004112	RUDYAGUNG AGRALAKSANA	Indonesia	JAMBI	AAA
SABANG SAWIT NUSANTARA	-2.22325	102.48205	PO1000004090	SABANG SAWIT NUSANTARA	Indonesia	JAMBI	AAA
SAWIT INTI RAYA	-0.45576	102.16895	-	SAWIT INTI RAYA	Indonesia	RIAU	AAA
RANTAU GEDANG (PRG)	-1.53167	102.90483	PO1000010883	SAWIT JAMBI LESTARI	Indonesia	JAMBI	AAA
SAWIT JAYA MANDIRI LESTARI	-0.44281	102.25654	-	SAWIT JAYA MANDIRI LESTARI	Indonesia	RIAU	AAA
SAWITTA UNGGUL JAYA	2.33347	100.09947	PO1000004173	SAWITTA UNGGUL JAYA	Indonesia	NORTH SUMATERA	AAA
SINAR HALOMOAN	1.0616	99.83421	PO1000007441	SINAR HALOMOAN	Indonesia	NORTH SUMATERA	AAA
SINAR SAWIT LESTARI	2.46178	99.65298	PO1000004273	SINAR SAWIT LESTARI	Indonesia	NORTH SUMATERA	AAA
SIANCIMUN	1.58905	99.87306	PO1000004265	SINAR SAWIT SUBUR LESTARI	Indonesia	NORTH SUMATERA	AAA
SINDORA SERAYA	1.89139	100.95264	PO1000011478	SINDORA SERAYA	Indonesia	RIAU	AAA
SRI INDRAPURA SAWIT LESTARI	0.46484	101.73554	PO1000008425	SRI INDRAPURA SAWIT LESTARI	Indonesia	RIAU	AAA
SEI AKAR	-0.79294	102.59546	PO1000004117	SUGIH RIESTA JAYA	Indonesia	RIAU	AAA
SUKSES GEMILANG PALEM	-2.26997	102.54758	PO1000010006	SUKSES GEMILANG PALEM	Indonesia	JAMBI	AAA
SUMATERA MAKMUR LESTARI	-0.66122	102.34522	PO1000006184	SUMATERA MAKMUR LESTARI	Indonesia	RIAU	AAA
PKS 1 - KOTA LAMA	0.89166	100.69699	PO1000004423	SUMBER JAYA INDAHNUSA COY	Indonesia	RIAU	AAA
PKS 2 - KOTA TENGAH	1.14042	100.64804	PO1000004251	SUMBER JAYA INDAHNUSA COY	Indonesia	RIAU	AAA
SUMBER KENCANA INDO PALMA	-0.68164	102.50172	PO1000007448	SUMBER KENCANA INDO PALMA	Indonesia	RIAU	AAA
KUNANGAN	-1.53733	103.63119	PO1000004468	SUNGAI BAHAR PASIFIK UTAMA	Indonesia	JAMBI	AAA
SEI NILO	0.15184	101.97325	PO1000004159	SURYA BRATASENA PLANTATION	Indonesia	RIAU	AAA
SWAKARSA SAWIT RAYA	-0.48927	102.47773	PO1000004130	SWAKARSA SAWIT RAYA	Indonesia	RIAU	AAA
BINABARU	0.20975	101.27595	PO1000004360	SWASTISIDDHI AMAGRA	Indonesia	RIAU	AAA
TALANG JERINJING SAWIT	-0.46234	102.46694	PO1000006181	TALANG JERINJING SAWIT	Indonesia	RIAU	AAA
TAMORA AGRO LESTARI	-0.53047	101.41718	PO1000004395	TAMORA AGRO LESTARI	Indonesia	RIAU	AAA
BATANG CENAKU	-0.81467	102.19003	PO1000007641	TASMA PUJA	Indonesia	RIAU	AAA
SEI KUAMANG	0.27592	101.21964	PO1000004370	TASMA PUJA	Indonesia	RIAU	AAA
BUNGA RAYA	0.92772	102.02125	PO1000006144	TEGUHKARSA WANALESTARI	Indonesia	RIAU	AAA
SUNGAI LEKO	0.89499	101.38192	PO1000008266	TEGUHKARSA WANALESTARI	Indonesia	RIAU	AAA
BALAI JAYA	1.684	100.53362	PO1000011180	TIAN TUJUHPUHUH UTAMA	Indonesia	RIAU	AAA
BUKIT PAYUNG	-0.73028	101.64111	PO1000004119	TRI BAKTI SARIMAS	Indonesia	RIAU	AAA
USAHA KITA MAKMUR	-0.52926	101.49149	PO1000004394	USAHA KITA MAKMUR	Indonesia	RIAU	AAA
WANASARI NUSANTARA	-0.28738	101.47282	PO1000006376	WANASARI NUSANTARA	Indonesia	RIAU	AAA
WIRA KARYA PRAMITA	0.54477	101.25316	PO1000004198	WIRA KARYA PRAMITRA	Indonesia	RIAU	AAA
YUNI BERSAUDARA SEJAHTERA	-0.026	101.19081	-	YUNI BERSAUDARA SEJAHTERA	Indonesia	RIAU	AAA
SARI DUMAI SEJATI	1.75306	101.36694	-	SARI DUMAI SEJATI	Indonesia	RIAU	AAA
TAMAN RAJA (PTR)	-1.17669	103.00781	PO1000002143	DASA ANUGRAH SEJATI	Indonesia	JAMBI	AAA
NEGERI LAMA II (PND)	2.35969	100.03531	PO1000003004	HARI SAWIT JAYA	Indonesia	NORTH SUMATERA	AAA
BUATAN I (PBS)	0.43439	101.825	PO1000000021	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
SUNGAI PAUH (PSP)	-0.09678	101.29769	PO1000006173	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
TUNGKAL ULU (PTU)	-1.30028	102.981	-	INTI INDOSAWIT SUBUR	Indonesia	JAMBI	AAA
UKUI I (PUS)	-0.22529	102.09364	-	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
SEGATI	0.14163	101.64649	-	MITRA UNGGUL PUSAKA	Indonesia	RIAU	AAA
BUNGA TEBO (PBT)	-1.34669	102.45611	PO1000002913	RIGUNAS AGRI UTAMA	Indonesia	JAMBI	AAA
GUNUNG MELAYU 1 (PGS)	2.79192	99.59858	-	SAUDARA SEJATI LUHUR	Indonesia	NORTH SUMATERA	AAA
RANTAU GEDANG (PRG)	-1.53222	102.90611	-	SAWIT JAMBI LESTARI	Indonesia	JAMBI	AAA

Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
AEK NABARA (PAN)	1.999527	99.94008	PO1000002145	SUPRA MATRA ABADI	Indonesia	NORTH SUMATERA	AAA
BUATAN I (PBS)	0.434388889	101.825	PO1000000021	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
BUATAN II (PBD)	0.459899	101.8678	PO1000000382	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
BUNGA TEBO (PBT)	-1.346694444	102.4561111	PO1000002913	RIGUNAS AGRI UTAMA (PBT)	Indonesia	JAMBI	AAA
GUNUNG MELAYU I (PGS)	2.791581	99.598403	PO1000002609	SAUDARA SEJATI LUHUR	Indonesia	NORTH SUMATERA	AAA
GUNUNG MELAYU II (PGD)	2.749388889	99.46969444	PO1000002608	GUNUNG MELAYU	Indonesia	NORTH SUMATERA	AAA
MUARA BULIAN (PMB)	-1.586012	103.203604	PO1000000279	INTI INDOSAWIT SUBUR	Indonesia	JAMBI	AAA
NEGERI LAMA I (PNS)	2.359694444	100.0418889	PO1000002147	HARI SAWIT JAYA	Indonesia	NORTH SUMATERA	AAA
NEGERI LAMA II (PND)	2.359694444	100.0353056	PO1000003004	HARI SAWIT JAYA	Indonesia	NORTH SUMATERA	AAA
PENARIKAN (PPR)	0.193396	101.792669	PO1000008155	MITRA UNGGUL PUSAKA	Indonesia	RIAU	AAA
PERANAP (PPN)	-0.584281	102.020698	PO1000002063	RIGUNAS AGRI UTAMA (PPN)	Indonesia	RIAU	AAA
SEGATI (PSG)	0.141732	101.647036	PO1000004157	MITRA UNGGUL PUSAKA (PSG)	Indonesia	RIAU	AAA
SEKAPUR SIRIH (PSS)	-1.244451	101.746721	PO1000007600	SAWIT JUJAHAN ABADI (PSS)	Indonesia	JAMBI	AAA
SUNGAI POKAHAN (PSP)	-0.09765	101.29788	PO1000006173	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
TAMAN RAJA (PTR)	-1.176694444	103.0078056	PO1000002143	DASA ANUGRAH SEJATI	Indonesia	JAMBI	AAA
TANAH DATAR (PTD)	3.148541	99.556952	PO1000002144	SUPRA MATRA ABADI	Indonesia	NORTH SUMATERA	AAA
TANJUNG SELAMAT (PTS)	2.12772	100.002715	PO1000002607	INDO SEPADAN JAYA (PTS)	Indonesia	NORTH SUMATERA	AAA
TELUK PANJI (PTP)	2.002805556	100.2436111	PO1000002146	SUPRA MATRA ABADI	Indonesia	NORTH SUMATERA	AAA
TOPAZ (PTZ)	0.689126	100.93412	PO1000002142	TUNGGAL YUNUS ESTATE	Indonesia	RIAU	AAA
TUNGKAL ULU (PTU)	-1.300305556	102.9813889	PO1000000345	INTI INDOSAWIT SUBUR	Indonesia	JAMBI	AAA
UKUI I (PUS)	-0.225285	102.093637	PO1000000148	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
UKUI II (PUD)	-0.276888889	102.1168889	PO1000002491	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
PANGKALAN LESUNG	0.026159	102.120757	PO1000000355	INTI INDOSAWIT SUBUR	Indonesia	RIAU	AAA
EKA DURA INDONESIA	0.884055556	100.6134722	PO1000004422	EKADURA INDONESIA	Indonesia	RIAU	AAA
KIMIA TIRTA UTAMA	0.676027778	101.7266667	PO1000004408	KIMIA TIRTA UTAMA	Indonesia	RIAU	AAA
SARI LEMBAH SUBUR 1	-0.050979	102.251989	PO1000004935	SARI LEMBAH SUBUR	Indonesia	RIAU	AAA
SARI LEMBAH SUBUR 2	-0.00208	102.19642	PO1000007596	SARI LEMBAH SUBUR	Indonesia	RIAU	AAA
TUNGGAL PERKASA PLANTATION	-0.302972222	102.2734722	PO1000004372	TUNGGAL PERKASA PLANTATION	Indonesia	RIAU	AAA
MUSTIKA AGUNG SAWIT SEJAHTERA	1.22425	101.2424167	PO1000004255	MUSTIKA AGUNG SAWIT SEJAHTERA	Indonesia	RIAU	AAA
MUSTIKA AGUNG SAWIT GEMILANG	-0.525467	101.993847	PO1000011182	MUSTIKA AGUNG SAWIT GEMILANG	Indonesia	RIAU	AAA
MUSTIKA AGUNG SARANA SEJAHTERA	1.749328	100.929691	PO1000007661	MUSTIKA AGUNG SARANA SEJAHTERA	Indonesia	RIAU	AAA
ROHUL SAWIT INDUSTRI	0.681346	100.528136	PO1000004410	ROHUL SAWIT INDUSTRI	Indonesia	RIAU	AAA
CISADANE SAWIT RAYA	2.242805556	100.1898611	PO1000004153	CISADANE SAWIT RAYA	Indonesia	NORTH SUMATERA	AAA
ALIAGA	1.079055556	100.0550278	PO1000008398	MULTIAGRO SUMATERAJAYA	Indonesia	NORTH SUMATERA	AAA
BANGUN TENERA RIAU	0.290031	101.416682	PO1000008171	BANGUN TENERA RIAU	Indonesia	RIAU	AAA
PERSADA AGRO SAWITA	-0.408815	102.358942	PO1000006176	PERSADA AGRO SAWITA	Indonesia	RIAU	AAA
TAMORA AGRO LESTARI	-0.530467	101.417183	PO1000004395	TAMORA AGRO LESTARI	Indonesia	RIAU	AAA
ARYA RAMA PRAKARS	1.220863	100.383771	PO1000008279	ARYA RAMA PRAKARS	Indonesia	RIAU	AAA
KENCANA ANDALAN NUSANTARA	1.783177	100.39341	PO1000004487	KENCANA ANDALAN NUSANTARA	Indonesia	RIAU	AAA
KENCANA AGRO PERSADA	0.605639	101.241306	PO1000011194	KENCANA AGRO PERSADA	Indonesia	RIAU	AAA
SINAR UTAMA NABATI	-0.391997	101.417014	PO1000010074	SINAR UTAMA NABATI	Indonesia	RIAU	AAA
KENCANA UTAMA SEJATI	1.069988	101.116894	PO1000007569	KENCANA UTAMA SEJATI	Indonesia	RIAU	AAA
KENCANA PERSADA NUSANTARA	1.17538	100.23273	PO1000004442	KENCANA PERSADA NUSANTARA	Indonesia	RIAU	AAA
PANGKATAN	2.10249	99.9481	PO1000000283	PANGKATAN INDONESIA	Indonesia	NORTH SUMATERA	AAA
SEKIANG	0.414666	101.66722	PO1000004172	MULTI PALMA SEJAHTERA	Indonesia	RIAU	AAA
AGRO ABADI	0.347555556	101.4748333	PO1000008215	AGRO ABADI	Indonesia	RIAU	AAA
AGRO MEKAR LESTARI	0.82947	103.37602	PO1000008606	AGRO MEKAR LESTARI	Indonesia	RIAU	AAA
ANUGERAH TANI MAKMUR	0.536222	101.602024	PO1000007457	ANUGERAH TANI MAKMUR	Indonesia	RIAU	AAA
BINA SAWIT NUSANTARA	0.16567	101.3266	PO1000004860	BINA SAWIT NUSANTARA	Indonesia	RIAU	AAA
DIAN ANGGARA PERSADA	0.979111111	101.0452778	PO1000008273	DIAN ANGGARA PERSADA	Indonesia	RIAU	AAA
GRAHA PERMATA HIJAU	1.124357	100.848902	PO1000008277	GRAHA PERMATA HIJAU	Indonesia	RIAU	AAA
GUNA AGUNG SEMESTA	0.987166	101.244205	PO1000006328	GUNA AGUNG SEMESTA	Indonesia	RIAU	AAA
GUNA SETIA PRATAMA	0.428693	101.596775	PO1000008224	GUNA SETIA PRATAMA	Indonesia	RIAU	AAA
GUNUNG SAWIT MAS	1.082701	100.294954	PO1000009580	GUNUNG SAWIT MAS	Indonesia	RIAU	AAA
HERFINTA FARM AND PLANTATION	1.853888889	100.1662222	PO1000004496	HERFINTA FARM AND PLANTATION	Indonesia	NORTH SUMATERA	AAA
JABAL PERKASA	1.062078	100.131134	PO1000007524	JABAL PERKASA	Indonesia	RIAU	AAA
JAYA GEMILANG SUKSES	1.599	100.905903	PO1000007653	JAYA GEMILANG SUKSES	Indonesia	RIAU	AAA
KAMPARINDO AGRO INDUSTRI	0.865552	101.286059	PO1000008268	KAMPARINDO AGRO INDUSTRI	Indonesia	RIAU	AAA
KEBUN PANTAI RAJA	-0.056929	101.24338	PO1000004341	KEBUN PANTAI RAJA	Indonesia	RIAU	AAA
LANGGAK INTI LESTARI	0.635075	100.591494	PO1000007567	LANGGAK INTI LESTARI	Indonesia	RIAU	AAA
MAKMUR ANDALAN SAWIT	0.067765	102.124208	PO1000004345	MAKMUR ANDALAN SAWIT	Indonesia	RIAU	AAA
MITRA AGUNG SWADAYA	-0.491935	102.062355	PO1000004389	MITRA AGUNG SWADAYA	Indonesia	RIAU	AAA
MITRASARI PRIMA	0.137486	101.703875	PO1000007464	MITRASARI PRIMA	Indonesia	RIAU	AAA
NIKMAT HALONA REKSA	-0.73478	102.524049	PO1000005106	NIKMAT HALONA REKSA	Indonesia	RIAU	AAA
PANGKALAN BARU INDAH	0.425296	101.589746	PO1000004383	PANGKALAN BARU INDAH	Indonesia	RIAU	AAA
PUJUD KARYA SAWIT	1.375403	100.527208	PO1000004456	PUJUD KARYA SAWIT	Indonesia	RIAU	AAA
SAWIT ANUGRAH SEJAHTERA	1.151694444	101.276	PO1000004441	SAWIT ANUGRAH SEJAHTERA	Indonesia	RIAU	AAA
SAWITTA UNGGUL JAYA	2.33347	100.09947	PO1000004173	SAWITTA UNGGUL JAYA	Indonesia	NORTH SUMATERA	AAA
SINAR HALOMOAN	1.061596	99.834207	PO1000007441	SINAR HALOMOAN	Indonesia	NORTH SUMATERA	AAA
SWAKARSA SAWIT RAYA	-0.489265	102.477734	PO1000004130	SWAKARSA SAWIT RAYA	Indonesia	RIAU	AAA
BINABARU	0.209754	101.275948	PO1000004360	SWASTISIDDHI AMAGRA	Indonesia	RIAU	AAA
TALANG JERINJING SAWIT	-0.462335	102.466941	PO1000006181	TALANG JERINJING SAWIT	Indonesia	RIAU	AAA
LUBUK BESAR	-1.5204349	101.5525867	PO1000004104	TIDAR KERINCI AGUNG	Indonesia	WEST SUMATERA	AAA
USAHA KITA MAKMUR	-0.52926	101.49149	PO1000004394	USAHA KITA MAKMUR	Indonesia	RIAU	AAA
WIRA KARYA PRAMITA	0.544766	101.253156	PO1000004198	WIRA KARYA PRAMITA	Indonesia	RIAU	AAA
KHARISMA WIRAJAYA PALMA	0.825876	100.916194	PO1000010794	KHARISMA WIRAJAYA PALMA	Indonesia	RIAU	AAA
PALUTA INTI SAWIT	1.553831	99.835563	PO1000007540	PALUTA INTI SAWIT	Indonesia	NORTH SUMATERA	AAA
BALAI JAYA	1.684	100.53362	PO1000011180	TIAN TUJUHPULUH UTAMA	Indonesia	RIAU	AAA
MAHATO INTI SAWIT	1.373555556	100.298667	-	MAHATO INTI SAWIT	Indonesia	RIAU	AAA
SAWIT INTI RAYA	-0.4557632	102.1689536	-	SAWIT INTI RAYA	Indonesia	RIAU	AAA

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SAWIT JAYA MANDIRI LESTARI	-0.442814	102.256537	-	SAWIT JAYA MANDIRI LESTARI	Indonesia	RIAU	AAA
PTPN XIII - NGABANG	0.34284	109.93908	PO1000008210	PALM MAS ASRI	Indonesia	WEST KALIMANTAN	AAA
BUKIT PALEM	-2.372612	110.644365	PO1000008176	PALM MAS ASRI	Indonesia	WEST KALIMANTAN	AAA
SINDORA SERAYA	1.891386111	100.9526369	PO1000011478	SINDORA SERAYA	Indonesia	RIAU	AAA
AEK SIGALA GALA	1.619694444	100.1038056	PO1000001315	BARUMUN AGRO SENTOSA	Indonesia	NORTH SUMATERA	AAA
SIKARAKARA	0.670892	99.092059	PO1000001960	RIMBA MUJUR MAHKOTA	Indonesia	NORTH SUMATERA	AAA
PTPN XII - LONG PINANG	-1.928577778	116.1250556	PO1000008578	PALM MAS ASRI	Indonesia	EAST KALIMANTAN	AAA
PTPN XIII - PELAIHARI	-3.724053	114.78583	PO1000004066	PALM MAS ASRI	Indonesia	SOUTH KALIMANTAN	AAA
SAWIT RUPAT SEJAHTERA	1.93566	101.73334	-	SAWIT RUPAT SEJAHTERA	Indonesia	RIAU	AAA
GANDAERAH HENDANA	-0.157777778	102.2058333	PO1000004138	GANDAERAH HENDANA	Indonesia	RIAU	AAA
INECDA	-0.493611111	102.3669444	PO1000004128	INECDA	Indonesia	RIAU	AAA
CITRA BUMI AGRO	0.994777778	100.6160278	PO1000004425	CITRA BUMI AGRO	Indonesia	RIAU	AAA
MERANGKAI ARTHA NUSANTARA	1.212722222	100.292	PO1000004444	MERANGKAI ARTHA NUSANTARA	Indonesia	RIAU	AAA
MUSTIKA AGRO SARI	-0.114086	101.293261	PO1000008400	MUSTIKA AGRO SARI	Indonesia	RIAU	AAA
WANASARI NUSANTARA	-0.28738	101.47282	PO1000006376	WANASARI NUSANTARA	Indonesia	RIAU	AAA
BATANG CENAKU	-0.814666667	102.1900278	PO1000007641	TASMA PUJA	Indonesia	RIAU	AAA
MESKOM AGRO SARIMAS	1.549146	102.090728	PO1000004470	MESKOM AGRO SARIMAS	Indonesia	RIAU	AAA
BUKIT PAYUNG	-0.730278	101.641111	PO1000004119	TRI BAKTI SARIMAS	Indonesia	RIAU	AAA
BALAM BERLIAN SAWIT	1.6772495	100.8076715	-	BALAM BERLIAN SAWIT	Indonesia	RIAU	AAA
AIR KAMPAR	0.424138889	101.1838611	-	AIR KAMPAR	Indonesia	RIAU	AAA
RIAU KAMPAR SAHABAT SEJATI	0.658861111	100.8966944	PO1000006152	RIAU KAMPAR SAHABAT SEJATI	Indonesia	RIAU	AAA
PERSADA NUSA NABATI INDONESIA	0.648558	101.485061	PO1000006153	PERSADA NUSA NABATI INDONESIA	Indonesia	RIAU	AAA
KHARISMA AGRO SEJAHTERA	-0.750602	102.242725	PO1000008231	KHARISMA AGRO SEJAHTERA	Indonesia	RIAU	AAA
RISMAN SCHAM PALM INDONESIA	-0.95928	102.77847	PO1000008225	RISMAN SCHAM PALM INDONESIA	Indonesia	RIAU	AAA
RUDYAGUNG AGRALAKSANA	-1.275304	103.249855	PO1000004112	RUDYAGUNG AGRALAKSANA	Indonesia	JAMBI	AAA
PERSADA ALAM JAYA	-1.044586	102.888871	PO1000008618	PERSADA ALAM JAYA	Indonesia	JAMBI	AAA
TRIMITRA LESTARI	-1.070287	103.166628	PO1000004432	TRIMITRA LESTARI	Indonesia	JAMBI	AAA
SANLING SAWIT SEJAHTERA	-0.379121	102.163678	-	SANLING SAWIT SEJAHTERA	Indonesia	RIAU	AAA
KENCANA INTI PERKASA	2.322619	99.733469	PO1000008165	KENCANA INTI PERKASA	Indonesia	NORTH SUMATERA	AAA
KURNIA MITRA SAWIT	2.40814	99.697779	PO1000008194	KURNIA MITRA SAWIT	Indonesia	NORTH SUMATERA	AAA
UMADA	2.23325	99.7898889	PO1000004141	UMADA	Indonesia	NORTH SUMATERA	AAA
LAE TANGGA	2.245558	98.030059	PO1000004155	DELIMA MAKMUR	Indonesia	ACEH	AAA
SUBULUSSALAM	2.617416667	98.02825	PO1000007646	GLOBAL SAWIT SEMESTA	Indonesia	ACEH	AAA
SINAR SAWIT LESTARI	2.461781793	99.652975	PO1000004273	SINAR SAWIT LESTARI	Indonesia	NORTH SUMATERA	AAA
RANTAU GEDANG (PRG)	-1.531671	102.904827	PO1000010883	SAWIT JAMBI LESTARI	Indonesia	JAMBI	AAA
MANDAU	1.082222222	101.333361	PO1000000411	ADEI PLANTATION & INDUSTRY	Indonesia	RIAU	AAA
AGRO SEJAHTERA	-0.51654	102.01874	-	AGRO SEJAHTERA	Indonesia	RIAU	AAA
BUDI NABATI PERKASA	-1.69208	102.16046	PO1000007486	BUDI NABATI PERKASA	Indonesia	JAMBI	AAA
MERLUNG INTI LESTARI	-1.328637	103.273717	PO1000011556	MERLUNG INTI LESTARI	Indonesia	JAMBI	AAA
PKS 2 - KOTA TENGAH	1.14042	100.64804	PO1000004251	SUMBER JAYA INDAHNUA COY	Indonesia	RIAU	AAA
KUNANGAN	-1.537326	103.63119	PO1000004468	SUNGAI BAHAR PASIFIK UTAMA	Indonesia	JAMBI	AAA
SEI TANDUN	0.598823	100.693574	PO1000004402	PERKEBUNAN NUSANTARA - V	Indonesia	RIAU	AAA
ASIA SAWIT LESTARI	-1.83758	103.37903	PO1000007468	ASIA SAWIT LESTARI	Indonesia	JAMBI	AAA
FORTIUS WAJO PERKEBUNAN	-1.048503	102.900535	PO1000008601	PT. FORTIUS WAJO PERKEBUNAN	Indonesia	JAMBI	AAA
BUKIT SAWIT SEMESTA	-0.344148	99.961593	PO1000008636	BUKIT SAWIT SEMESTA	Indonesia	WEST SUMATERA	AAA
GUNUNG SAWIT ABADI	-0.04614	99.915171	PO1000008131	GUNUNG SAWIT ABADI	Indonesia	WEST SUMATERA	AAA
KELANTAN SAKTI	-3.503358611	104.9398967	-	KELANTAN SAKTI	Indonesia	SOUTH SUMATERA	AAA
MUTIARA SAWIT SEMESTA	-1.607916667	102.8632222	PO1000008605	MUTIARA SAWIT SEMESTA	Indonesia	JAMBI	AAA
PRIMA MAS LESTARI	-1.706823	102.162122	PO1000010052	PRIMA MAS LESTARI	Indonesia	JAMBI	AAA
DHARMASRAYA LESTARINDO	-1.079547	101.664665	PO1000004434	DHARMASRAYA LESTARINDO	Indonesia	WEST SUMATERA	AAA
GIRI PURNO	-1.410401	102.265818	-	SELARAS MITRA SARIMBA	Indonesia	JAMBI	AAA
SRI INDRAPURA SAWIT LESTARI	0.464844	101.735542	PO1000008425	SRI INDRAPURA SAWIT LESTARI	Indonesia	RIAU	AAA
BUNGA RAYA	0.927722222	102.02125	PO1000006144	TEGUHKARSA WANALESTARI	Indonesia	RIAU	AAA
SUNGAI LEKO	0.89499	101.381924	PO1000008266	TEGUHKARSA WANALESTARI	Indonesia	RIAU	AAA
JAKE (ASMJ)	-0.48407	101.452461	PO1000004315	ASIA SAWIT MAKMUR JAYA	Indonesia	RIAU	AAA
INHIL	-0.708528	102.658417	PO1000007652	BERKAT SAWIT SEJAHTERA	Indonesia	RIAU	AAA
MITRA SAWIT JAMBI	-1.317626	103.08589	PO1000004110	MITRA SAWIT JAMBI	Indonesia	JAMBI	AAA
PSB (PASAMAN BARAT)	0.238111	99.705083	PO1000004366	BERKAT SAWIT SEJAHTERA	Indonesia	WEST SUMATERA	AAA
BINA MITRA MAKMUR	-1.498416	102.240629	PO1000007481	BINA MITRA MAKMUR	Indonesia	JAMBI	AAA
SABANG SAWIT NUSANTARA	-2.223251	102.482046	PO1000004090	SABANG SAWIT NUSANTARA	Indonesia	JAMBI	AAA
KARYAINDO SEJATITAMA	-2.997767	102.786542	PO1000004075	KARYAINDO SEJATITAMA	Indonesia	SOUTH SUMATERA	AAA
SUKSES GEMILANG PALEM	-2.269972	102.547577	PO1000010006	SUKSES GEMILANG PALEM	Indonesia	JAMBI	AAA
SUNGAI LILIN (CCL)	-2.535683	104.151965	PO1000004210	CAHAYA CEMERLANG LESTARI	Indonesia	SOUTH SUMATERA	AAA
AIR HITAM	-2.875417	101.423667	PO1000004078	BUMI MENTARI KARYA	Indonesia	BENGGULU	AAA
BERIANG	-4.561305	103.113478	PO1000004575	ANUGERAH PELANGI SUKSES	Indonesia	BENGGULU	AAA
KAMPAR	0.624559	101.13924	PO1000004403	BUMI MENTARI KARYA	Indonesia	RIAU	AAA
KARYA INDRORATA PERSADA	0.112994	101.235977	PO1000007546	KARYA INDRORATA PERSADA	Indonesia	RIAU	AAA
FORTIUS AGRO ASIA	0.478806	100.750898	PO1000004190	FORTIUS AGRO ASIA	Indonesia	RIAU	AAA
NEKNANG	-1.950306	105.789389	PO1000008197	GEMILANG CAHAYA MENTARI	Indonesia	BANGKA BELITUNG	AAA
GEMILANG SAWIT LESTARI	-0.454369	101.827986	PO1000007508	GEMILANG SAWIT LESTARI	Indonesia	RIAU	AAA
HASIL KARYA BUMISEJATI	1.450852	100.615603	PO1000004260	HASIL KARYA BUMISEJATI	Indonesia	RIAU	AAA
MANDIRI SAWIT BERSAMA	1.073639	99.995111	PO1000004246	MANDIRI SAWIT BERSAMA	Indonesia	NORTH SUMATERA	AAA
SIJUNJUNG	-0.904945	101.398927	PO1000006186	KEMILAU PERMATA SAWIT	Indonesia	WEST SUMATERA	AAA
TAPAN	-2.20142	101.088978	PO1000006222	KEMILAU PERMATA SAWIT	Indonesia	WEST SUMATERA	AAA
PASAMAN	0.306639	99.448028	PO1000006161	USAHA SAWIT MANDIRI	Indonesia	WEST SUMATERA	AAA
SIANCIMUN	1.589049	99.873062	PO1000004265	SINAR SAWIT SUBURLESTARI	Indonesia	NORTH SUMATERA	AAA
PERKEBUNAN PELALU RAYA	-0.101459	100.048496	PO1000004349	PERKEBUNAN PELALU RAYA	Indonesia	WEST SUMATERA	AAA
SARI BUAH SAWIT	-0.04964	99.88314	PO1000007594	SARI BUAH SAWIT	Indonesia	WEST SUMATERA	AAA
SAWITA PASAMAN JAYA	0.32464	99.45223	PO1000008206	SAWITA PASAMAN JAYA	Indonesia	WEST SUMATERA	AAA
MUARA SAWIT LESTARI	-2.278656	101.163609	-	MUARA SAWIT LESTARI	Indonesia	WEST SUMATERA	AAA
INTAN SEJATI ANDALAN	1.433833	101.284917	PO1000004259	INTAN SEJATI ANDALAN	Indonesia	RIAU	AAA
SEI MANGKEI	3.128917	99.343361	PO1000000879	PERKEBUNAN NUSANTARA - III	Indonesia	NORTH SUMATERA	AAA
PRIMA PALM LATEX INDUSTRI	2.780221	99.254831	PO1000004125	PRIMA PALM LATEX INDUSTRI	Indonesia	NORTH SUMATERA	AAA

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Carotino Sdn Bhd	3.816627	102.818213	PO1000000128	CAROTINO SDN BHD	Malaysia	Kuantan	GAI
DARA LAM SOON SDN.BHD	3.1570167	103.1636333	PO1000007798	LAM SOON PLANTATIONS SDN BHD	Malaysia	MUADZAM SHAH	GAI
Genting Ayer Item Oil Mill	1.856092	103.209291	PO1000002439	GENTING PLANTATIONS	Malaysia	Air Hitam	GAI
INDRASAKTI PALM OIL MILL - PT MEGANUSA INTISAWIT	-0.5692	102.305851	PO1000001065	MEGANUSA INTISAWIT	Indonesia	Indrigiri Hulu District	GAI
KULIM (MALAYSIA) BERHAD - Palong Palm Oil Mill	2.7064	102.785012	PO1000001265	MAHAMURNI PLANTATIONS SDN BHD	Malaysia	Segamat	GAI
KULIM (MALAYSIA) BERHAD - Pasir Panjang Palm Oil Mill	2.018014	103.948575	PO1000005256	MAHAMURNI PLANTATIONS SDN BHD	Malaysia	KOTA TINGGI	GAI
KULIM (MALAYSIA) BERHAD - Sedenak Palm Oil Mill	1.7298361	0.539436111	PO1000000019	EPA MANAGEMENT SDN BHD	Malaysia	Kulai, Johor	GAI
KULIM (MALAYSIA) BERHAD - Sindora Palm Oil Mill	1.985372	103.46231	PO1000001264	SINDORA BERHAD	Malaysia	JOHOR BAHRU	GAI
KULIM (MALAYSIA) BERHAD - Tereh Palm Oil Mill	2.217023	103.352357	PO1000001263	EPA MANAGEMENT SDN BHD	Malaysia	Jalan Mersing	GAI
PT KENCANA GRAHA PERMAI / KENANGA MILL	-2.119939	110.594	PO1000001638	KENCANA GRAHA PERMAI	Indonesia	Ketapang Regency	GAI
PT. Binawit Abadi Pratama - Sungai Rungau Palm Oil Mill	-2.3206	112.334	PO1000001155	BINASAWIT ABADI PRATAMA	Indonesia	Seruyan District	GAI
PT. Eagle High Plantations Tbk	-2.72055	111.822667	PO1000004234	BUMI LANGGENG PERDANATRADA	Indonesia	Kotawaringin Barat	GAI
PT. MP Leidong West Indonesia - Leidong West Palm Oil Mill	-1.901389	105.476389	PO1000001372	MASKAPAI PERKEBUNAN LEIDONG WEST INDONESIA	Indonesia	Bangka	GAI
PT. Tapan Nadenggan - Hanau Palm Oil Mill	-2.360861	112.109694	PO1000001154	TAPIAN NADENGGAN	Indonesia	Seruyan Regency	GAI
PT. Tapan Nadenggan - Semilar Palm Oil Mill	-2.248111	112.340417	PO1000001156	TAPIAN NADENGGAN	Indonesia	Kalimantan Tengah	GAI
S.P.O. AGRO-INDUSTRIES CO.,LTD	8.573067	99.2375	PO1000002407	SPO AGRO INDUSTRIES	Thailand	Prasaeng District	GAI
Thai tallow and oil co.,Ltd	8.5336472	99.10428333	PO1000002415	THAITALLOW AND OIL CO.LTD	Thailand	Praseang distric	GAI
Thai Tallow and Oil co.,Ltd	8.6137028	98.99985	PO1000005375	THAITALLOW AND OIL CO.LTD	Thailand	Praseang	GAI
LAMBIR GALASAH	4.1364	113.977	PO1000010068	SARAWAK OIL PALMS BERHAD	Malaysia	Sarawak	AOPL
NUBIKA JAYA	1.948333	100.101136	PO1000006257	SARAWAK OIL PALMS BERHAD	Malaysia	Sarawak	AOPL
PERMATA HIJAU SAWIT	1.066238	100.070478	PO1000004244	NUBIKA JAYA	Indonesia	Sumatera Utara	CARGILL
UNIT PABRIK HUTALOMBANG	1.139533	99.76809	PO1000006269	PERMATA HIJAU SAWIT	Indonesia	Sumatera Utara	CARGILL
ANUGERAH TANJUNG MEDAN	2.063067	100.146783	PO1000004513	VICTORINDO ALAM LESTARI	Indonesia	Sumatera Utara	CARGILL
CITRA INDAH PERTIWI	2.072353	100.010247	PO1000004270	ANUGERAH TANJUNG MEDAN	Indonesia	Sumatera Utara	CARGILL
HERFINATA PALM AND PLANTATION	1.854074	100.165777	PO1000004496	CITRA INDAH PERTIWI	Indonesia	Sumatera Utara	CARGILL
PAPASO	0.896	100.108222	PO1000010065	HERFINATA PALM AND PLANTATION	Indonesia	Sumatera Utara	CARGILL
KARYA AGUNG SAWITA	1.0657	99.963133	PO1000004431	KARYA AGUNG SAWITA	Indonesia	Sumatera Utara	CARGILL
KENCANA ANDALAN NUSANTARA	1.783667	100.392417	PO1000004487	KARYA AGUNG SAWITA	Indonesia	Sumatera Utara	CARGILL
AEK NOPAN	2.567509	99.578451	PO1000006247	KENCANA ANDALAN NUSANTARA	Indonesia	Riau	CARGILL
Mahato Inti Sawit	1°22'24.8 N	100°17'55.2 E	PO1000011910	KENCANA INTI PERKASA	Indonesia	Sumatera Utara	CARGILL
MAZUMA AGRO INDONESIA	1.1287	100.154517	PO1000004438	-	Indonesia	Riau	CARGILL
PALUTA INTI SAWIT	1.55403	99.835694	PO1000007540	MAZUMA AGRO INDONESIA	Indonesia	Sumatera Utara	CARGILL
PANGKATAN	2.10305	99.94766	PO1000000283	PALUTA INTI SAWIT	Indonesia	Sumatera Utara	CARGILL
SAWITTA UNGGUL JAYA	2.33347	100.09947	PO1000004173	PANGKATAN INDONESIA	Indonesia	Sumatera Utara	CARGILL
SUMBER TANI AGUNG	1.75455	99.9835	PO1000004483	SAWITTA UNGGUL JAYA	Indonesia	Sumatera Utara	CARGILL
TASIK RAJA	1.669611	100.161528	PO1000004476	SUMBER TANI AGUNG	Indonesia	Sumatera Utara	CARGILL
BALAI JAYA	1.684	100.53362	PO1000011180	TASIK RAJA	Indonesia	Sumatera Utara	CARGILL
ANSON OIL	3.95532	101.19716	PO1000006192	TIAN TUJHPULUH UTAMA	Indonesia	Riau	CARGILL
MARAN	3.57179	102.68507	PO1000003754	MHC PLANTATIONS BHD	Malaysia	Perak	CARGILL
FELCRA SEBERANG PERAK	4.14765	100.83809	PO1000003756	FELCRA BERHAD	Malaysia	Pahang	CARGILL
JAYAPUTRA	3.98291	102.2224	PO1000007527	FELCRA BERHAD	Malaysia	Perak	CARGILL
LEKIR	4.1503	100.78127	PO1000003815	FELCRA JAYAPUTRA SDN. BHD.	Malaysia	Pahang	CARGILL
LIZIZ	4.87245	101.80349	PO1000003839	KILANG KELAPA SAWIT LEKIR SDN BHD	Malaysia	Perak	CARGILL
MALMAJU BINA	5.17417	100.67333	PO1000003842	KILANG KELAPA SAWIT LEKIR SDN BHD	Malaysia	Perak	CARGILL
KILANG KELAPA SAWIT BERUAS	4.46012	100.77015	-	LIZIZ PLANTATION SDN. BHD.	Malaysia	Kelantan	CARGILL
SERI MORIB	2.72128	101.49177	PO1000008191	MALMAJU BINA SDN.BHD	Malaysia	Perak	CARGILL
SIN HUAT HIN PALM OIL MILL (KUALA SELANGOR) SDN BHD	3.34579	101.28915	PO1000007536	PPN PERAK	Malaysia	-	CARGILL
SRI SENGGORA	3.60382	102.91818	PO1000006199	SERI MORIB PALM OIL	Malaysia	Selangor	CARGILL
ST PALM OIL MILL	3.8342	101.1745	PO1000003900	SIN HUAT HIN PALM OIL MILL (KUALA SELANGOR) SDN BHD	Malaysia	Selangor	CARGILL
TACLICO	5.50757	100.59959	PO1000003909	SERN LEE ENTERPRISE SDN. BHD.	Malaysia	Pahang	CARGILL
TIMOR / LADANG MARAN	3.6318	102.7671	PO1000008433	SERN LEE ENTERPRISE SDN. BHD.	Malaysia	Perak	CARGILL
TIAN SIANG AIR KUNING	4.1614	101.165	PO1000002543	TACLICO COMPANY	Malaysia	Kedah	CARGILL
ANSON OIL INDUSTRIES	3.95532	101.19716	PO1000006192	NEGERI SEMBILAN OILS PALM BERHAD	Malaysia	Pahang	CARGILL
BELL SRI LINGGA	2.37886	101.98608	PO1000006242	TIAN SIANG OIL MILL SDN BHD	Malaysia	Perak	CARGILL
GUA MUSANG	4.83613	102.00383	PO1000006169	MHC PLANTATIONS BHD	Malaysia	Perak	CARGILL
ENG HONG	2.85989	101.47604	PO1000006223	BELL GROUP	Malaysia	Melaka	CARGILL
				CHIN TECK PLANTATIONS BHD	Malaysia	Kelantan	CARGILL
				ENG HONG PALM OIL MILL SDN BHD	Malaysia	Selangor	CARGILL

Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
FELCRA MARAN	3.57179	102.68507	PO1000003754	FELCRA BERHAD	Malaysia	Pahang	CARGILL
FELCRA NASARUDDIN	4.3231	100.93754	PO1000003755	FELCRA BERHAD	Malaysia	Perak	CARGILL
FELCRA SEBERANG PERAK	4.14765	100.83809	PO1000003756	FELCRA BERHAD	Malaysia	Perak	CARGILL
JAYAPUTRA	3.98291	102.2224	PO1000007527	FELCRA JAYAPUTRA SDN. BHD.	Malaysia	Pahang	CARGILL
FELCRA SEBERANG PERAK	4.10249	101.32065	PO1000003756	FELCRA BERHAD	Malaysia	Perak	CARGILL
LANGKAP	4.05608	101.14018	PO1000003771	GABUNGAN PERUSAHAAN MINYAK LANGKAP OIL PALM SDN. BHD,	Malaysia	Perak	CARGILL
KEMA DEVELOPMENT	3.73075	102.89116	PO1000006194	KEMA DEVELOPMENT	Malaysia	Pahang	CARGILL
LEKIR	4.1503	100.78127	PO1000003815	KILANG KELAPA SAWIT LEKIR SDN BHD	Malaysia	Perak	CARGILL
LIZIZ	4.87245	101.80349	PO1000003839	LIZIZ PLANTATION SDN. BHD.	Malaysia	Kelantan	CARGILL
MALMAJU BINA	5.17417	100.67333	PO1000003842	MALMAJU BINA SDN.BHD	Malaysia	Perak	CARGILL
PERTUBUHAN PELADANG NEGERI PERAK (PPNP)	4.46012	100.77015	PO1000009568	PPN PERAK	Malaysia	Perak	CARGILL
GOLCONDA	3.14077	101.38992	PO1000006213	SOUTHERN REALTY (MALAYA) SDN BHD	Malaysia	Selangor	CARGILL
SEMANTAN	3.46891	102.31416	PO1000006204	NG CHIN SIU & SON GROUP	Malaysia	Pahang	CARGILL
SERI BANDAR PALM OIL MILL	2.84265	101.47106	-	SERI BANDAR PALM OIL MILL	Malaysia	-	CARGILL
SERI MORIB	2.72128	101.49177	PO1000008191	SERI MORIB PALM OIL	Malaysia	Selangor	CARGILL
SIN HUAT HIN PALM OIL MILL (KUALA SELANGOR) SDN BHD	3.34579	101.28915	PO1000007536	SIN HUAT HIN PALM OIL MILL (KUALA SELANG	Malaysia	Selangor	CARGILL
SRI SENGGORA	3.60382	102.91818	PO1000006199	SERN LEE ENTERPRISE SDN. BHD.	Malaysia	Pahang	CARGILL
ST PALM OIL MILL	3.8342	101.1745	PO1000003900	SERN LEE ENTERPRISE SDN. BHD.	Malaysia	Perak	CARGILL
CAHAYA MUDA PERAK	4.16015	101.26967	PO1000003905	NGAN & NGAN HOLDINGS	Malaysia	Perak	CARGILL
TACLICO	5.50757	100.59959	PO1000003909	TACLICO COMPANY	Malaysia	Kedah	CARGILL
TIAN SIANG PERAK	4.5934	100.7307	PO1000003931	TIAN SIANG OIL MILL SDN BHD	Malaysia	Perak	CARGILL
TIAN SIANG PAHANG	3.9855	101.7866	PO1000006189	TIAN SIANG OIL MILL SDN BHD	Malaysia	Pahang	CARGILL
TIAN SIANG AIR KUNING	4.1614	101.1648	PO1000002543	TIAN SIANG OIL MILL SDN BHD	Malaysia	Perak	CARGILL
YEE LEE PALM OIL INDUSTRIES SDN BHD	4.08652	101.27865	PO1000003963	YEE LEE PALM OIL INDUSTRIES SDN. BHD.	Malaysia	Perak	CARGILL
GREENGLORY CO	9.325573	99.109998	PO1000006339	GREEN GLORY CO., LTD.	Thailand	Surat Thani	CARGILL
BUMI PALMA	-0.598056	102.983333	PO1000001064	BUMIPALMA LESTARIPERSADA	Indonesia	Riau	GAI
INDRA SAKTI	-0.5692	102.305851	PO1000001065	MEGANUSA INTISAWIT	Indonesia	Riau	GAI
JELATANG	-2.072222	102.485833	PO1000001344	KRESNA DUTA AGROINDO	Indonesia	Jambi	GAI
SEKIJANG	0.833933	101.044283	PO1000001060	BUANA WIRALESTARI MAS	Indonesia	Riau	GAI
LANGLING	-2.100833	102.374444	PO1000001345	KRESNA DUTA AGROINDO	Indonesia	Jambi	GAI
LIBO	0.928611	101.206389	PO1000001057	IVO MAS TUNGGAL	Indonesia	Riau	GAI
NAGA SAKTI	0.7827	101.049567	PO1000001061	BUANA WIRALESTARI MAS	Indonesia	Riau	GAI
PELAKAR	-2.185278	102.642222	PO1000002863	KRESNA DUTA AGROINDO	Indonesia	Jambi	GAI
RAMARAMA	0.533494	101.076381	PO1000001062	RAMAJAYA PRAMUKTI	Indonesia	Riau	GAI
SAM-SAM	0.9375	101.3002	PO1000001058	IVO MAS TUNGGAL	Indonesia	Riau	GAI
SUNGAI AIR JERNIH	-2.086512	102.801493	PO1000008429	BAHANA KARYA SEMESTA	Indonesia	Jambi	GAI
SUNGAI BENGKAL	-1.590556	102.61	PO1000001722	SATYA KISMA USAHA	Indonesia	Jambi	GAI
UJUNG TANJUNG	0.969733	101.26075	PO1000001056	IVO MAS TUNGGAL	Indonesia	Riau	GAI
ADOLINA	3.568533	98.94805	PO1000004497	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
AEK NABARA SELATAN	2.058056	99.955278	PO1000001564	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
AEK RASO	1.703883	100.172217	PO1000001566	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
AEK SIGALA GALA	1.621167	100.102444	PO1000001315	BARUMUN AGRI SENTOSA	Indonesia	Sumatera Utara	GAI
AEK TOROP	1.79278	100.15583	PO1000001565	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
AGRO ABADI	0.346002	101.475229	PO1000008215	AGRO ABADI	Indonesia	Riau	GAI
AGRO WIJAYA INDUSTRI	-1.76147222	102.244	PO1000008386	AGRO WIJAYA INDUSTRI	Indonesia	Jambi	GAI
Air Apa	0.44457	99.2605	-	-	Indonesia	North Sumatra	GAI
AIR BATU	2.859745	99.638317	PO1000004280	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
AJAMU-I	2.457183	100.16065	PO1000004202	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
ANGSO DUO SAWIT	-1.782611	103.494722	PO1000008202	ANGSO DUO SAWIT	Indonesia	Jambi	GAI
ANUGERAH AGRO SAWIT PERKASA	1.844607	100.444426	PO1000008585	ANUGERAH AGRO SAWIT PERKASA	Indonesia	Riau	GAI
ARYA RAMA PRAKASA	1.222161	100.384187	PO1000008279	ARYA RAMA PRAKASA	Indonesia	Riau	GAI
BAH JAMBI	2.986317	99.220233	PO1000004181	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
BATANG CENAKU	-0.814667	102.19	PO1000007641	TASMA PUJA	Indonesia	Riau	GAI
BATANGHARI SAWIT SEJAHTERA	-1.348467	103.543133	PO1000004455	BATANGHARI SAWIT SEJAHTERA	Indonesia	Jambi	GAI
BERANGIR	2.2247222	99.760278	PO1000004134	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
BINA FITRI JAYA	0.809088	101.277952	PO1000004419	BINA FITRI JAYA	Indonesia	Riau	GAI
BINA SAWIT NUSANTARA	0.165673	101.326598	PO1000004860	BINA SAWIT NUSANTARA	Indonesia	Riau	GAI
AUSTINDO NUSANTARA JAYA AGRI BINANGA	1.479483	99.957167	PO1000000530	AUSTINDO NUSANTARA JAYA AGRI	Indonesia	Sumatera Utara	GAI
BONTI PERMAI JAYA	0.214933	111.54985	PO1000007642	BONTI PERMAI JAYA	Indonesia	Kalimantan Barat	GAI
BUKIT BINTANG SAWIT	-1.382117	103.494517	PO1000004457	BUKIT BINTANG SAWIT	Indonesia	Jambi	GAI
BUKIT PAYUNG	-0.7282	101.6399	PO1000004119	TRI BAKTI SARIMAS	Indonesia	Riau	GAI
BUMI MEKAR TANI	-2.49479	102.87414	PO1000007637	BUMI MEKAR TANI	Indonesia	Sumatera Selatan	GAI
BUNGO LIMBUR	-1.375067	101.891894	PO1000008216	BUNGO LIMBUR	Indonesia	Jambi	GAI
CITRA SAWIT HARUM	-1.742472	102.054472	PO1000006208	CITRA SAWIT HARUM	Indonesia	Jambi	GAI
DOLOK ILIR	3.120417	99.159067	PO1000002539	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
DOLOK SINUMBAH	3.1129	99.327311	PO1000005868	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
EKA DURA INDONESIA	0.88425	100.611683	PO1000004422	EKA DURA INDONESIA	Indonesia	Riau	GAI
FLORA WAHANA TIRTA	0.134774	101.267236	PO1000004154	FLORA WAHANA TIRTA	Indonesia	Riau	GAI
GRUTI LESTARI PRATAMA	0.51375	99.271329	PO1000007541	GRUTI LESTARI PRATAMA	Indonesia	Sumatera Utara	GAI
GUNA SETIA PRATAMA	0.428068	101.596593	PO1000008224	GUNA SETIA PRATAMA	Indonesia	Riau	GAI
GUNUNG BAYU	3.144075	99.37348	PO1000003210	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
HAPESONG	1.4519833	99.06846667	PO1000006264	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
HERFINATA PALM AND PLANTATION	1.854074	100.165777	PO1000004496	HERFINATA PALM AND PLANTATION	Indonesia	Sumatera Utara	GAI
IBUL	-0.860278	101.750833	PO1000007511	TRI BAKTI SARIMAS	Indonesia	Riau	GAI

Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
INECDA	-0.49318	102.367555	PO1000004128	INECDA PLANTATIONS	Indonesia	Riau	GAI
INTI GUNA NABATI	-2.416483	102.680667	PO1000004852	INTI GUNA NABATI	Indonesia	Jambi	GAI
KALIANTA 1	0.458199	100.802036	PO1000004385	PADASA ENAM UTAMA	Indonesia	Riau	GAI
KALIANTA 2	0.529028	100.776972	PO1000004195	PADASA ENAM UTAMA	Indonesia	Riau	GAI
KALIMANTAN SANGGAR PUSAKA	0.08311	111.19205	PO1000007534	KALIMANTAN SANGGAR PUSAKA	Indonesia	Kalimantan Barat	GAI
KARYA ABADI SAMA SEJATI	1.475833	100.598806	PO1000008287	KARYA ABADI SAMA SEJATI	Indonesia	Riau	GAI
KENCANA AGRO PERSADA	0.605639	101.241306	PO1000011194	GENG GROUP	Indonesia	Riau	GAI
KENCANA ANDALAN NUSANTARA	1.783667	100.392417	PO1000004487	KENCANA ANDALAN NUSANTARA	Indonesia	Riau	GAI
KENCANA PERSADA NUSANTARA	1.175407	100.232727	PO1000004442	KENCANA PERSADA NUSANTARA	Indonesia	Riau	GAI
KENCANA UTAMA SEJATI	1.068972	100.1172	PO1000007569	KENCANA UTAMA SEJATI	Indonesia	Sumatera Utara	GAI
KHARISMA AGRO SEJAHTERA	-0.752306	102.244639	PO1000008231	KHARISMA AGRO SEJAHTERA	Indonesia	Riau	GAI
KHARISMA WIRAJAYA PALMA	0.826015	100.916237	PO1000010794	UNKNOWN	Indonesia	Riau	GAI
KIMIA TIRTA UTAMA	0.674633	101.728917	PO1000004408	KIMIA TIRTA UTAMA	Indonesia	Riau	GAI
SURYA AGROLIKA REKSA 2	-0.20561	101.318944	PO1000007629	SURYA AGROLIKA REKSA	Indonesia	Riau	GAI
LANGGAK INTI LESTARI	0.634917	100.591778	PO1000007567	LANGGAK INTI LESTARI	Indonesia	Riau	GAI
LIBO SAWIT PERKASA	0.956278	101.140528	PO1000004239	LIBO SAWIT PERKASA	Indonesia	Riau	GAI
Mahato Inti Sawit	1°22'24.8 N	100°17'55.2 E	PO1000011910	-	Indonesia	Riau	GAI
MAKMUR ANDALAN SAWIT	0.069117	102.1246	PO1000004345	MAKMUR ANDALAN SAWIT	Indonesia	Riau	GAI
MANDAH FACTORY	0.1159722	103.5491389	PO1000001381	BHUMIREKSA NUSA SEJATI	Indonesia	Riau	GAI
MERLUNG INTI LESTARI	-1.328637	103.273717	PO1000011556	MERLUNG INTI LESTARI	Indonesia	Jambi	GAI
MESKOM AGRO SARIMAS	1.54875	102.08845	PO1000004470	MESKOM AGRO SARIMAS	Indonesia	Riau	GAI
PERSADA NUSA NABATI INDONESIA	0.648558	101.485061	PO1000006153	PERSADA NUSA NABATI INDONESIA	Indonesia	Riau	GAI
MITRA BUMI	0.453731	101.05567	PO1000004327	MITRA BUMI	Indonesia	Riau	GAI
MUARA DILAM	0.959467	100.723783	PO1000004424	SUMBER ALAM MAKMUR SENTOSA	Indonesia	Riau	GAI
MULTI AGRO SENTOSA	0.770833	100.885283	PO1000004418	MULTI AGRO SENTOSA	Indonesia	Riau	GAI
MULTI GUNA LESTARI ABADI	-0.959629	102.748735	PO1000008226	MULTI GUNA LESTARI ABADI	Indonesia	Riau	GAI
MUSTIKA AGRO SARI	-0.11333	101.29334	PO1000008400	MUSTIKA AGRO SARI	Indonesia	Riau	GAI
MUTIARA SAM-SAM KANDIS	0.979111	101.045278	PO1000008273	DIAN ANGGARA PERSADA	Indonesia	Riau	GAI
MUTIARA UNGGUL LESTARI	0.855817	101.302617	PO1000004421	MUTIARA UNGGUL LESTARI	Indonesia	Riau	GAI
PABATU	3.286111	99.109167	PO1000002520	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
PALMA GEMILANG KENCANA	-1.29917637	103.4865804	PO1000010016	PALMA GEMILANG KENCANA	Indonesia	Jambi	GAI
PALUTA INTI SAWIT	1.55403	99.835694	PO1000007540	PALUTA INTI SAWIT	Indonesia	Sumatera Utara	GAI
PANGKATAN	2.10305	99.94766	PO1000000283	PANGKATAN INDONESIA	Indonesia	Sumatera Utara	GAI
PELABUHAN DAGANG	-1.139183	103.07365	PO1000004439	PRODUK SAWITINDO JAMBI	Indonesia	Jambi	GAI
PERSADA AGRO SAWITA	-0.41125	102.3595	PO1000006176	PERSADA AGRO SAWITA	Indonesia	Riau	GAI
PEPUTRA MASTERINDO	0.589804	100.991448	PO1000004400	PEPUTRA MASTERINDO	Indonesia	Riau	GAI
PEPUTRA SUPRA JAYA	0.1583	101.7816	PO1000008421	PEPUTRA SUPRA JAYA	Indonesia	Riau	GAI
PERLABIAN	2.061383	100.081222	PO1000000099	TOLAN TIGA INDONESIA	Indonesia	Sumatera Utara	GAI
PERSADA ALAM JAYA	-1.043886	102.887223	PO1000008618	PERSADA ALAM JAYA	Indonesia	Jambi	GAI
MARO SEBO	-1.444417	103.627917	PO1000004465	PETALING MANDRAGUNA	Indonesia	Jambi	GAI
KOTA LAMA	0.892167	100.699	PO1000004423	SUMBER JAYA INDAHNUA COY	Indonesia	Riau	GAI
PULAU RAJA	2.701905	99.623998	PO1000002335	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
RAMBUTAN	3.351006	99.169742	PO1000004342	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
RENGAS	-1.595308	102.720025	PO1000008397	PERSADA HARAPAN KAHURIPAN	Indonesia	Jambi	GAI
SARI LEMBAH SUBUR 1	-0.051	102.252	PO1000004935	SARI LEMBAH SUBUR	Indonesia	Riau	GAI
SARI LEMBAH SUBUR 2	-0.002078	102.196417	PO1000007596	SARI LEMBAH SUBUR	Indonesia	Riau	GAI
SAWIT INTI PRIMA PERKASA	1.254767	101.153567	PO1000009567	SAWIT INTI PRIMA PERKASA	Indonesia	Riau	GAI
Sawit Jaya Mandiri Lestari	-0.44281	102.25637	PO1000011911	Sawit Jaya Mandiri Lestari	Indonesia	Riau	GAI
SUNGAI LANGKAT	3.7003	98.292	PO1000004524	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
SAWIT MAS NUSANTARA	0.160211	101.720728	PO1000008141	SAWIT MAS NUSANTARA	Indonesia	Riau	GAI
SAWITTA UNGGUL JAYA	2.33347	100.09947	PO1000004173	SAWITA UNGGUL JAYA	Indonesia	Sumatera Utara	GAI
SEI AKAR	-0.792917	102.5963	PO1000004117	NIRMALA ABDI DAMAI	Indonesia	Riau	GAI
SEI BARUHUR	1.688483	100.285767	PO1000001784	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
SURYA AGROLIKA REKSA	-0.136967	101.3908	PO1000004358	SURYA AGROLIKA REKSA	Indonesia	Riau	GAI
SEI DAUN	1.675883	100.32325	PO1000004477	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
SEI INTAN	0.7838056	100.6116389	PO1000006147	PERKEBUNAN NUSANTARA V	Indonesia	Riau	GAI
SEI KUAMANG	0.275011	101.219376	PO1000004370	TASMA PUJA	Indonesia	Riau	GAI
SEI MANGKEI	3.13077	99.343861	PO1000000879	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
SEI MERANTI	1.643317	100.417617	PO1000004927	PERKEBUNAN NUSANTARA III	Indonesia	Riau	GAI
SEI ROKAN	0.7257222	100.57898	PO1000005128	PERKEBUNAN NUSANTARA V	Indonesia	Riau	GAI
SEI SILAU	2.90205	99.5094	PO1000004948	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
ADIMULYA AGRO LESTARI	-0.108983	101.386783	PO1000004351	ADIMULYA AGROLESTARI	Indonesia	Riau	GAI
SI KIJANG	0.414389	101.66675	PO1000004172	MULTI PALMA SEJAHTERA	Indonesia	Riau	GAI
SEMUNAI SAWIT PERKASA	1.163592	101.27829	PO1000008278	SEMUNAI SAWIT PERKASA	Indonesia	Riau	GAI
TAMORA AGRO LESTARI	-0.530467	101.417183	PO1000004395	TAMORA AGRO LESTARI	Indonesia	Riau	GAI
AUSTINDO NUSANTARA JAYA AGRI SIAIS	1.17442	99.15518	PO1000001992	AUSTINDO NUSANTARA JAYA AGRI SIAIS	Indonesia	Sumatera Utara	GAI
SIKARAKARA	0.6720556	99.092	PO1000001960	RIMBA MUJUR MAHKOTA	Indonesia	Sumatera Utara	GAI
SINAR DINAMIKA KAPUAS	-0.309167	111.596767	PO1000004136	SINAR DINAMIKA KAPUAS	Indonesia	Kalimantan Barat	GAI
SINAR UTAMA NABATI	-0.391997	101.417014	PO1000010074	SINAR UTAMA NABATI	Indonesia	Riau	GAI
SINDORA SERAYA	1.89136	100.95264	PO1000011478	SINDORA SERAYA	Indonesia	Riau	GAI
SISUMUT	1.964028	100.108167	PO1000003112	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
ANDIKA PERMATA SAWIT LESTARI	1.089	100.776	PO1000005202	ANDIKA PERMATA SAWIT LESTARI	Indonesia	Riau	GAI
SUKADAMAI	0.68325	100.529233	PO1000004410	ROHUL SAWIT INDUSTRI	Indonesia	Riau	GAI
PRIMA SAUHUR LESTARI POM	0.714383	100.928367	PO1000004411	SEWANGI SEJATI LUHUR	Indonesia	Riau	GAI
SURYA GEMILANG AGRO MANDIRI	-1.271232	103.814442	PO1000007469	SURYA GEMILANG AGRO MANDIRI	Indonesia	Jambi	GAI
SURYA SUMBER SAWIT ABADI	-1.471122	102.62099	PO1000010015	SURYA SUMBER SAWIT ABADI	Indonesia	Jambi	GAI
SURYA UTAMA AGROLESTARI	-1.805056	103.430583	PO1000006212	SURYA UTAMA AGROLESTARI	Indonesia	Jambi	GAI
TANDUN	0.599154	100.69283	PO1000004402	PERKEBUNAN NUSANTARA V	Indonesia	Riau	GAI
TANJUNG PAUH	-0.05745	101.24185	PO1000004341	KEBUN PANTAI RAJA	Indonesia	Riau	GAI
TELUK BAKAU	0.2565	103.588833	PO1000000318	BHUMIREKSA NUSA SEJATI	Indonesia	Riau	GAI



Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
TELUK MEGA	1.533719	100.992861	PO1000004263	SAWIT RIAU MAKMUR	Indonesia	Riau	GAI
TERANTAM	0.578806	100.750806	PO1000004206	PERKEBUNAN NUSANTARA V	Indonesia	Riau	GAI
TINJOWAN	3.080023	99.512734	PO1000004208	PERKEBUNAN NUSANTARA IV	Indonesia	Sumatera Utara	GAI
TORGAMBA	1.709217	100.289067	PO1000004929	PERKEBUNAN NUSANTARA III	Indonesia	Sumatera Utara	GAI
TUNGGAL PERKASA PLANTATIONS	-0.305183	102.273183	PO1000004372	TUNGGAL PERKASA PLANTATIONS	Indonesia	Riau	GAI
GANDAERAH HENDANA	-0.156038	102.20624	PO1000004138	GANDAERAH HENDANA	Indonesia	Riau	GAI
UMBUL MAS WISESA	2.210808	100.271064	PO1000001670	UMBUL MAS WISESA	Indonesia	Sumatera Utara	GAI
WANASARI NUSANTARA	-0.287	101.4718	PO1000006376	WANASARI NUSANTARA	Indonesia	Riau	GAI
SEPAKAU POM	2.9702	113.8558	PO1000008409	SARAWAK OIL PALMS BERHAD	Malaysia	Kapit	AOPL
SABAJU	3.197	113.5092	PO1000006347	SARAWAK OIL PALMS BERHAD	Malaysia	Bintulu	AOPL
Metanik POM	2.7891	114.4464	-	SARAWAK OIL PALMS BERHAD	Malaysia	Kapit	AOPL
GALASAH POM	3.6113	113.6623	-	SARAWAK OIL PALMS BERHAD	Malaysia	Miri	AOPL
APAS BALUNG	4.37176667	118.1013889	PO1000003726	BORNEO SAMUDERA SDN BHD	Malaysia	Sabah	ISPL
BORNEO SAMUDERA SDN BHD (KUNAK MILL)	4.75734	118.138401	PO1000003727	BORNEO SAMUDERA SDN BHD	Malaysia	Sabah	ISPL
SANDAU	5.20432778	118.1338889	PO1000003732	SANDAU MILL SDN BHD	Malaysia	Sabah	ISPL
SEBRANG	4.98972222	117.869705	PO1000003733	SANDAU MILL SDN BHD	Malaysia	Sabah	ISPL
AUMKAR	4.748038	117.869705	PO1000003845	AUMKAR PLANTATIONS SDN BHD	Malaysia	Sabah	ISPL
QL MILL 1	4.476456	118.198075	PO1000003876	QL PLANTATION SDN BHD	Malaysia	Sabah	ISPL
SUNGAI BURUNG	4.404281	118.137855	PO1000003918	SUNGAI BURUNG INDUSTRIES SDN BHD	Malaysia	Sabah	ISPL
REX	4.487203	117.598549	PO1000003916	KONSEP MUKTAMAD SDN BHD	Malaysia	Sabah	ISPL
PROSPEROUS SEBATIK	4.18921	117.787665	PO1000003917	PROSPEROUS SEBATIK SDN BHD	Malaysia	Sabah	ISPL
BALUNG	4.379055	118.186119	PO1000003717	BALUNG PALM OIL MILL SDN BHD	Malaysia	Sabah	ISPL
WINSOME HARVEST	4.553317	118.358978	PO1000003956	WINSOME HARVEST PALM OIL MILL SDN BHD	Malaysia	Sabah	ISPL
YUWANG	4.776764	117.934449	PO1000003965	YUWANG PALM OIL MILL SDN BHD	Malaysia	Sabah	ISPL
BRANTIAN	4.436611	117.516806	PO1000003915	BRANTIAN PALM OIL MILL SDN BHD	Malaysia	Sabah	ISPL
DESA KIM LOONG	4.43519	117.51693	PO1000003824	DESA KIM LOONG PALM OIL SDN BHD	Malaysia	Sabah	ISPL
TANER R&D	5.254648	116.00853	PO1000008305	TANER R&D PALM OIL MILL SDN BHD	Malaysia	Sabah	ISPL
SAPANG PALM OIL MILL	4.57883	118.31783	PO1000007560	KEMABONG SDN BHD	Malaysia	Sabah	ISPL
SERUDUNG	4.53441	117.70608	PO1000003731	GPP RESOURCES BERHAD	Malaysia	Sabah	ISPL
CHINTAMPALLI	17.20973	80.94	PO1000007490	GODREJ AGROVET LTD	INDIA	Telangana	Godrej
3F OIL PALM AGROTECH	17.00352	81.46973	PO1000008590	3F OIL PALM AGROTECH	INDIA	Andhra Pradesh	3F
RUCHI SOYA	16.59829	80.900442	PO1000007624	RUCHI SOYA INDUSTRIES LIMITED	INDIA	Andhra Pradesh	Ruchi
KS BESOUT-PERAK	3.88	101.276	PO1000001892	FGV HOLDINGS BERHAD	MALAYSIA	PERAK	FGV
KS BUKIT MENDI - PAHANG	3.201	102.301	PO1000000576	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KS BUKIT KEPAYANG	3.344	102.597	PO1000000898	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KS SERTING HILIR-N.SEMBILAN	2.9978	102.4781	PO1000006998	FGV HOLDINGS BERHAD	MALAYSIA	N.SEMBILAN	FGV
KS CHIKU	4.9426	102.2033	PO1000007000	FGV HOLDINGS BERHAD	MALAYSIA	KELANTAN	FGV
PADANG PIOL	4.0233	102.3883	PO1000000674	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KECHAU B	4.242	102.103	PO1000006989	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
TEMENTI	3.264	102.599	PO1000000901	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KEMASUL	3.274	102.233	PO1000000820	FGV PALM INDUSTRIES SDN BHD	MALAYSIA	PAHANG	FGV
KEMAHANG	5.865	102.006	PO1000002998	FGV HOLDINGS BERHAD	MALAYSIA	KELANTAN	FGV
KOTA GELANGGI	3.917	102.49	PO1000000254	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KRAU	3.648	101.977	PO1000001897	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
LEPAR UTARA 6	3.971	102.692	PO1000000255	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
MEMPAGA	3.527	101.979	PO1000001898	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
TERSANG	4.1166	101.7891	PO1000003262	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
TRIANG	3.27	102.5789	PO1000000762	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
PASOH	3.014	102.286	PO1000008205	FGV HOLDINGS BERHAD	MALAYSIA	NEGERI SEMBILAN	FGV
SG TENGI	3.5856	101.4167	PO1000001890	FGV HOLDINGS BERHAD	MALAYSIA	SELANGOR	FGV
TROLAK	3.6047	101.3508	PO1000001893	FGV HOLDINGS	MALAYSIA	PERAK	FGV
KILANG ISI SAWIT SIN HUAT HIN SDN. BHD.	3.345	101.292	-	KILANG ISI SAWIT SIN HUAT HIN SDN. BHD.	MALAYSIA	SELANGOR	FGV
SANG KEE EDIBLE OILS	3.089	101.412	PO1000008203	SANG KEE EDIBLE OILS SDN BHD	MALAYSIA	SELANGOR	FGV
PANGKOR OILMIL	4.244	100.666	-	PANGKOR OILMIL	MALAYSIA	PERAK	FGV
PGEO EDIBLE OILS SDN. BHD.	4.253	100.671	-	PGEO EDIBLE OILS SDN. BHD.	MALAYSIA	PERAK	FGV
BESOUT	3.88	101.276	PO1000001892	FGV HOLDINGS BERHAD	MALAYSIA	PERAK	FGV
BUKIT MENDI	3.201	102.301	PO1000000576	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
BUKIT KEPAYANG	3.344	102.597	PO1000000898	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
SERTING HILIR	2.9978	102.4781	PO1000006998	FGV HOLDINGS BERHAD	MALAYSIA	N.SEMBILAN	FGV
CHIKU	4.9426	102.2033	PO1000007000	FGV HOLDINGS BERHAD	MALAYSIA	KELANTAN	FGV
PADANG PIOL	4.0233	102.3883	PO1000000674	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KECHAU B	4.242	102.103	PO1000006989	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
TEMENTI	3.264	102.599	PO1000000901	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KEMASUL	3.274	102.233	PO1000000820	FGV PALM INDUSTRIES SDN BHD	MALAYSIA	PAHANG	FGV
KEMAHANG	5.865	102.006	PO1000002998	FGV HOLDINGS BERHAD	MALAYSIA	KELANTAN	FGV
KOTA GELANGGI	3.917	102.49	PO1000000254	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
KRAU	3.648	101.977	PO1000001897	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
LEPAR UTARA 6	3.971	102.692	PO1000000255	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
MEMPAGA	3.527	101.979	PO1000001898	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
TERSANG	4.1166	101.7891	PO1000003262	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
TRIANG	3.27	102.5789	PO1000000762	FGV HOLDINGS BERHAD	MALAYSIA	PAHANG	FGV
PASOH	3.014	102.286	PO1000008205	FGV HOLDINGS BERHAD	MALAYSIA	NEGERI SEMBILAN	FGV
SG TENGI	3.5856	101.4167	PO1000001890	FGV HOLDINGS BERHAD	MALAYSIA	SELANGOR	FGV

Mill Name	latitude	longitude	Uml_id	prnt_comp	country	state	Supplier/Trader
TROLAK	3.6047	101.3508	PO1000001893	FGV HOLDINGS	MALAYSIA	PERAK	FGV
KILANG ISI SAWIT SIN HUAT HIN SDN. BHD.	3.345	101.292	-	KILANG ISI SAWIT SIN HUAT HIN SDN. BHD.	MALAYSIA	SELANGOR	FGV
SANG KEE EDIBLE OILS	3.089	101.412	PO1000008203	SANG KEE EDIBLE OILS SDN BHD	MALAYSIA	SELANGOR	FGV
PANGKOR OILMILL	4.244	100.666	-	PANGKOR OILMILL	MALAYSIA	PERAK	FGV
PGEO EDIBLE OILS SDN. BHD.	4.253	100.671	-	PGEO EDIBLE OILS SDN. BHD.	MALAYSIA	PERAK	FGV
PALM BAY	5.8321777	-9.7633166	PO1000011172	LIBINC OILPALM INC	LIBERIA	GRAND BASSA COUNTY	FGV
PALM BAY	5.8321777	-9.7633166	PO1000011172	LIBINC OILPALM INC	LIBERIA	GRAND BASSA COUNTY	FGV