



Report 13
June 2020



aidenvironment **Waxman**

Executive Summary

This Rapid Response report highlights 11 cases of deforestation within 7 municipalities in the Cerrado biome and 3 municipalities in the Amazon biome. Eight of the selected cases are in the Cerrado biome and three are in the Amazon biome. The cases in this report covered clearance of a total of 13,103 ha of native vegetation (1,061 ha in the Amazon biome and 12,042 ha in the Cerrado biome.)

The 11 cases of clearing of native vegetation presented in this report were based on alerts data from DETER (System for Monitoring Deforestation on Real Time) and PRODES (Program for Deforestation Calculation) observed between March 29, 2020 and April 21, 2020. Land clearing alerts considered in this report were visually confirmed.

Cases and clearance (ha) per municipality

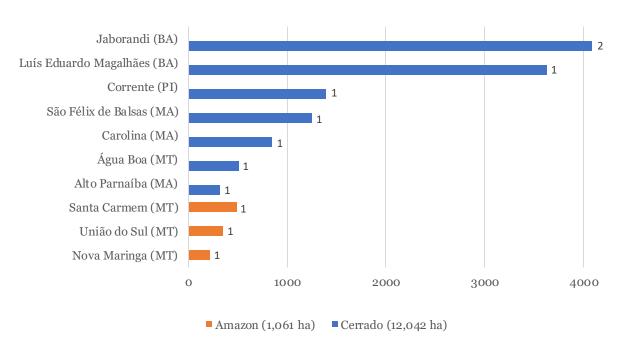


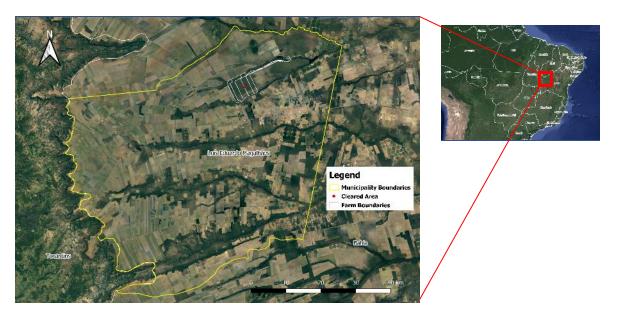
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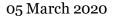
Fazenda Bananal VIII - Parcela 2 (Luís Eduardo Magalhães - BA)

Property Location



Y ellow border – boundary of Luís Eduardo Magalhães (Bahia)/ White border – boundary of Fazenda Bananal VIII – Parcela 2 / Red dot – location of cleared area

Alert Imagery (before and after clearance)





Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

29 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

1. Fazenda Bananal VIII - Parcela 2





Gene	eral Information						
Cent	a ur initor macron	Fazend:	a Bananal VIII - Parcela 2	2	9510058396479		
Prope	erty; Registry; CAR	CAR	13 different CAR declar	9310030390479			
Size (ha); Coordinates	45,338			-12.00866, -45.87133		
Land	l Clearance						
Perio	d of clearing	05 Mar	to 29 May 2020				
Size (ha); Coordinates	3,634			-12.02118, -45.91736		
Inside	e Forest Code protected areas	No	-	-			
Туре	of v egetation	Savann	a Park				
	l Status						
Em ba	argoes	No	-				
Envir	ronmental fines	No	-		-		
Natu	ral Reserves	Yes	Área de Proteção Ambie	ental Ba	cia do Rio de Janeiro		
Indig	en ou s Lands	No	-				
Priori	ity for biodiversity conservation	Extrem	ely high				
Own	ership						
Comp	oany group	Agrifirma Brasil Agropecuária/Genagro					
Other linked properties		Total area owned by Agrifirma/Genagro is 71,297 ha: Fazenda Bananal (23,952 ha), Fazenda Arrojadinho (20,148 ha), and Fazenda Rio do Meio (12,287 ha.) Another property also called Fazenda Bananal (14,910 ha) is leased from Radar (Cosan/TIAA-Cref.) The Bananal farm cluster includes Fazenda Bananal I, II, IX and X, Fazenda Rio Bonito I, II and III and Fazenda Vale Forte I, II, II, IV, V and VI					
Supp	oly Chain						
Main	com modity	Soy					
Confi	rmed supply chain relation	Yes					
Soy	Main exporters (municipality)		37%), ADM (25%), Bunge thers (5%)	e (24%),	Amaggi (7%), Cargill		
	Warehouses within 50 km radius	141 warehouses e.g.: 15 owned by Bunge (1,384,948 MT), 5 owned by Cargill (918,217 MT)					
	Supply chain details	Fazenda Bananal VIII - Parcela 2 supplied soy to Cargill and CCAB Agroin 2019					
Beef	Main exporters (municipality)	JBS (52%), Minerva (17%), Marfrig (14%), others (17%)					
	Slaughterhouses sourcing from municipality Supply chain details	from 28 different beef processors sourced cattle from Luís Eduardo Magalhães in 2017, e.g.: 1 owned by JBS (Itapetinga - BA)					
Other	r supply chain details						
Other	supply chain uctaris						

Fazenda Bananal VIII - Parcela 2 (Luís Eduardo Magalhães - BA)

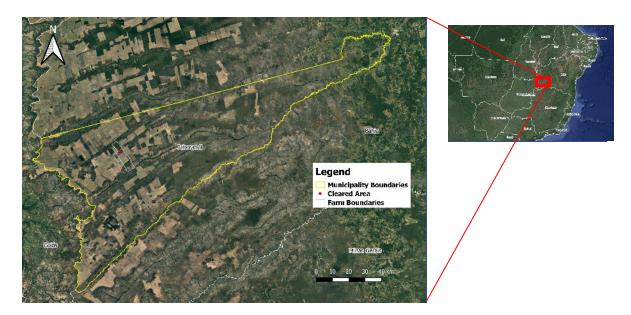


Fazenda Bananal VIII - Parcela 2, registered by Agrifirma Brasil (1), showed 3,550 ha of deforestation between 15 January and 24 May, 2020. Moreover, the cluster of adjacent Bananal farms under the same ownership showed a total of 5,690 ha of deforestation since January 2020, including Fazenda Bananal X and Parcela 3. In addition, Rapid Response reported 1,155 ha of deforestation in the linked property Fazenda Bananal IX in June 2019 within the conservation area APA Bacia do Rio de Janeiro, on top of 1,632 ha cleared on that same farm in the first quarter of 2019 (2). Agrifirma is a joint venture between Brasil Agronegócio FIP (3), a private equity fund managed by BRZ Investimentos, and Genagro, based in London (4). Brasil Agronegócio FIP invested BRL 160 million into Agrifirma (5). In 1Q20, BrasilAgro, a publicly-traded farmland investor and soy producer with clients including Cargill, Amaggi, and Bunge, finalized its merger with farmland investor Agrifirma Brasil Agropecuária (6) and consolidated Agrifirma's land portfolio in its asset base (7). While this merger did not seem to include the Bananal farms, BrasilAgro already started buying Bananal farm(s) from Agrifirmain 2019. Agrifirm a started to sell parcels of Fazenda Bananal in March 2019, including properties Bananal X and IX. Bananal IX, with 10,590 hectares, appears in a Brasil Agro report as an asset under sale (8). Cargill stated in response to an earlier Rapid Response report that it purchased soy from a farmer who leases one area on Fazenda Bananal property (9). This is likely Radoll Agropecuária (10, 11) who supplied soy from Fazenda Bananal - Parcela 2 to Cargill and CCAB Agro in the 2018/2019 harvest season (12).

- (1) http://www.seia.ba.gov.br/mapas/interativos
- (2) http://www.mightyearth.org/wp-content/uploads/Rapid-Response Soy-and-Cattle Special-Report Fires Sept-2019.pdf
- $(3) \\ \underline{\text{https://valor.globo.com/empresas/noticia/2011/09/06/mesmo-com-captacao-agrifirma-mantem-planos-de-ipo.ghtml} \\ \\ \underline{\text{https://valor.globo.com/empresas/noticia/2011/09/06/mesmo-com-captacao-agrifirma-mantem-planos-de-ipo.ghtml} \\ \underline{\text{https://valor.globo.com/empresas/noticia/2011/09/06/mesmo-captacao-agrifirma-mantem-planos-de-ipo.ghtml} \\ \underline{\text{https://valor.globo.com/empresas/noticia/2011/09/06/mesmo-captacao-agrifirma-mantem-planos-de-ipo.ghtml} \\ \underline{\text{https://valor.globo.com/empresas/noticia/2011/09/06/mesmo-captacao-agrifirma-agrifirm$
- (4) http://www.genagro.net/index.html
- (5) http://www.mightyearth.org/wp-content/uploads/Rapid-Response Soy-and-Cattle_Report-6.pdf
- $(6) \ https://br.investing.com/news/stock-market-news/brasilagro-tem-ganhos-apos-concluir-a-incorporação-da-agrifirma-brasil-716695$
- (7) https://chainreactionresearch.com/the-chain-brasilagros-string-of-new-farmland-acquisitions-signal-ongoing-land-speculation/
- (8) http://www.brasil-agro.com/brasilagro2011/web/download_arquivos.asp?id_arquivo=E9CDo8F4-7273-407E-8591-0C58F1CE30DF
- (9) http://www.mightyearth.org/wp-content/uploads/Rapid-Response Soy-and-Cattle Special-Report Fires Sept-2019.pdf
- (10) https://www.jusbrasil.com.br/diarios/293345670/djsp-judicial-1a-instancia-capital-15-04-2020-pg-649?ref=serp
- (12) http://www.tisp.jus.br (documents "doc_72230603.pdf" / "doc_74407233.pdf" / "doc_73391938.pdf")

2. Fazenda Esplendor & Fazenda Novo México Cerrado (Jaborandi - BA)

Property Location



Yellow border – boundary of Jaborandi (Bahia) / White border – boundary of Fazenda Esplendor & Fazenda Novo México / Red dot - location of cleared area

Alert Imagery (before and after clearance)

14 February 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

29 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

2. Fazenda Esplendor & Fazenda Novo México Cerrado (Jaborandi - BA) biome



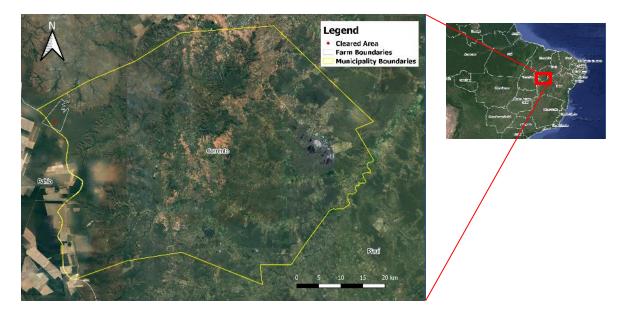
Gene	ralInformation							
Dropor	rty; Registry; CAR declaration	Fazend	a Espleno	lor & I	Fazenda Novo México	51730696	7 and 510644085	
i i opei	ty, Registry, CAR deciaration	CAR			ferent CAR declarations			
	na); Coordinates	1,816a	nd 7,898	-14.0	2360, -45.78459 and -1	4.10017, -45	.73791	
Land	Clearance							
Period	l of clearing	14 Feb	to 29 Ma	y 2020)			
Size (h	na); Coordinates	3,737			-14.04945, -45.76888			
Inside	Forest Code protected areas	No	-		-			
Турес	of v egetation	Foreste	d Savann	ıa				
Legal	Status							
Emba	rgoes	Yes	1 embar 2006 (li		illegal clearance of 294 2019)	ha of native	vegetation in	
Enviro	onmentalfines	Yes	1 fine for producing in an embargoed area inside Fazenda Novo México in 2014 BRL 10,000					
Natur	ral Reserves	No	-					
Indige	en ou s Lands	No -						
Priorit	ty for biodiversity conservation	Extrem	tremelyhigh					
Owne	ership							
Compa	anygroup	Calyx Agro (recently incorporated Coruja Agrícola)/LDC						
Other	linked properties	4 other properties, totaling 8,763 ha. In Correntina (BA): Fazenda Santana e Outras / Fazenda Armazém Amaggi LDC (20 ha); Fazenda Santana (1,975 ha); Fazenda Santana I (3,585 ha); Fazenda Santana II (3,183 ha)						
Suppl	ly Chain							
Main o	com modity	Multiple						
Confir	med supply chain relation	Yes						
Soy	Main exporters (municipality)	Bunge	(6%)[<i>Do</i>	mestic	Consumption (94%)]			
	Warehouses within 50 km radius	9 warehouses e.g.: 1 owned by Cristina Maria Lamers (290,000 MT), 2 owned by Multigrain (55,948 MT)						
	Supply chain details	-						
Beef	Main exporters (municipality)	y)JBS (80%), Frigosol Frigorifico Sul Bahia (20%)						
	Slaughterhouses sourcing from municipality	29 different beef processors sourced cattle from Jaborandi in 2017, e.g.: 1 owned by JBS (Itapetinga - BA)						
	Supply chain details	-						
Other	supply chain details	-						

2. Fazenda Esplendor & Fazenda Novo México (Jaborandi - BA)

Cerrado

Calyx Agro, owner of the two farms - Fazenda Esplendor and Fazenda Novo México - is the subsidiary/land investment fund of LDC in Latin America (1, 2). The subsidiary has received financial loans up to USD 60 to 70 million from financial giants the American International Group and KPS Capital Partners (2). In 2011, the World Bank considered a loan of USD 30 million to help Calyx Agro expand its operations in Latin America (3). Calyx Agro is operated from Louis Dreyfus' office in São Paulo and is run by two offshore companies based in the Cayman Islands in the office of M&C Corporate Services Limited (4, 5). The CEO of Calyx Agro Brasil Henrique Donati Snitcovski is the current president of the National Association of Cotton Exporters (ANEA) and is the head of the cotton platform in LDC (6). Calyx Agro incorporated Coruja Agrícola in January 2019 (7), who already owned and operated Fazenda Armazém Amaggi LDC in Correntina-BA (8). To date, Calyx Agro cultivates soy and corn in Fazenda Novo México (9). In 2019, the company received a permitgranted by the environmental agency of Bahia, allowing the deforestation of 4,200 hectares in Fazenda Novo México (10).

- (1) https://www.ldc.com/press-releases/louis-dreyfus-company-announces-change-in-senior-leadership/
- (2) Isakson, R. (Ed.). (2017). New Directions in Agrarian Political Economy: Global Agrarian Transformations (Vol. 1). Routledge.
- (3) https://www.farmlandgrab.org/post/view/18886-world-bank-told-to-stop-lending-to-land-grabbers-like-calyx-agro
- (4) https://economia.estadao.com.br/fatos-relevantes/pdf/20019975.pdf
- (5) https://offshoreleaks.icij.org/nodes/120013788
- (6) http://www.congressodoalgodao.com.br/palestrantes/25
- (7) https://www.jusbrasil.com.br/diarios/224695664/dosp-jucesp-22-01-2019-pg-44
- (9) https://www.linkedin.com/in/dayves-duarte-ferreira-08a3278b/
- (10) https://www.escavador.com/diarios/807991/DOEBA/executivo/2019-02-23?page=24



Y ellow border – boundary of Corrente (Piauí) / White border – boundary of Fazenda Chapada I / Red dot – location of cleared area

Alert Imagery (before and after clearance)

11 December 2019



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

24 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

3. Fazenda Chapada I (Corrente - PI)



General Information						
General information	Fazon da	Chapada I	9500688454501			
Property; Registry; CAR declaration	CAR		7 0 10 10			
		· · · · · ·	A94C22C944F486632C77D209791D			
Size (ha); Coordinates	2,132		-1 0.31517, -45.44903			
Land Clearance						
Period of clearing		019 to 24 May 2020				
Size (ha); Coordinates	1,389		-1 0.32475, -45.45455			
In side Forest Code protected areas	Yes	~	317 ha inside declared Legal Reserve			
Ty pe of v egetation	Wooded	Savanna				
Legal Status						
Embargoes	No	-				
Env ironmental fines	Yes	not identified	BRL 392,700			
Natural Reserves	Yes	Parque Nacional d	das Nascentes de Rio Parnaíba			
In digen ous Lands	No	-				
Priority for biodiversity conservation	No	•				
Ownership						
Com pany group	WR Agro	oindústria, register	edin Mulungu (PB)			
Other linked properties	8 other properties, totaling at least 4,780 ha. In Form osa do Rio Preto (BA): Fazenda Bom Jardim I (468 ha); Fazenda Bom Jardim III (450 ha); Fazenda Bom Jardim IV (431 ha); Fazenda Triângulo I (2,160 ha); Fazenda Triângulo II (331 ha). In Santa Rita de Cássia (BA): Fazenda Bom Jardim II (450 ha). In Mansidão (BA): Fazenda Bom Jardim I / Parte 1 (500 ha). In Mulungu (PB): Fazenda Bonança (unknown area)					
Supply Chain	,					
Main com modity	Multiple					
Confirmed supply chain relation	No					
Soy Main exporters (municipality)	ADM (56	5%), Gavilon (17%)	, others (8%) [Domestic Consumption (19%			
Warehouses within 50 km radius	11 warehouses e.g.: 1 owned by Eleanor Rothemann (909,000 MT), 1 owned by Amaggi (50,000 MT), 1 owned by Bunge (50,000 MT), 1 owned by Cargill (50,000 MT)					
Supply chain details	-					
Beef Main exporters (municipality)	ty) -					
Slaughterhouses sourcing from municipality	om_					
Supply chain details	-					
Other supply chain details	-					

3. Fazenda Chapada I (Corrente - PI)



The owner of the farm under alert, Adenir Jonatan Weisheimer, a rural businessman and agricultural technician, produces soy, cotton, corn, and beans. From 2008 to 2014, he was president of the Association of Rural Producers of Chapada das Mangabeiras (Aprochama), with operations in four states in Brazil (1). He co-owns WR Agroindústria, registered in Paraíba state, which is involved in seed production and in the production of grains including soy and corn (2, 3). One of the farms alleged to be part of WR Agroindústria's properties portfolio is registered under Bonança Agroindustrial, a company that went bankrupt (4). In 2008, Weisheimer was fined in BRL 392,700 for setting fire on 1,309 ha of Cerrado vegetation at his Fazenda Bom Jardim in Formosa do Rio Preto (BA)- a neighboring municipality of Corrente (PI) (5). In 2016, a neighboring farm owned by Weisheimer, Fazenda São José, had its registery revoked by a local estate registry office (6). In 2004, Bunge filed a lawsuit against Weisheimer and others. The lawsuit was about the payment of debts linked to Cedula de Crédito Rural, likely related to advance payments made to the supplier from the company (7).

⁽¹⁾ http://www.al.pb.leg.br/23444/assembleia-concede-cidadania-ao-empresario-adenir-jonatan-weisheimer.html (2) http://www.sintegra.gov.br/

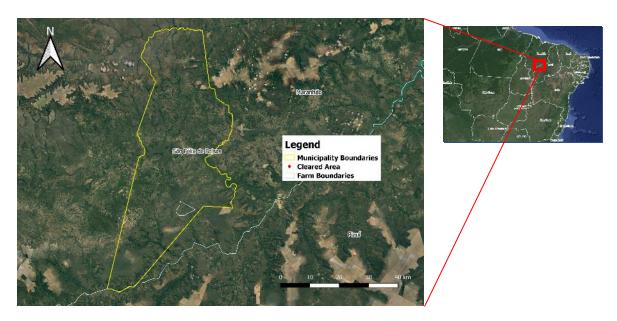
⁽³⁾ https://cnpjs.rocks/cnpj/11488104000103/wr-agroindustria-ltda.html

⁽⁴⁾ https://www.solutudo.com.br/pb/mulungu/mudas-e-eucaliptos/wr-agroindustria-17198177

⁽⁵⁾ http://dadosabertos.ibama.gov.br/dataset/autos-de-infracao

⁽⁶⁾ https://www.jusbrasil.com.br/diarios/247333731/djba-caderno4-17-06-2019-pg-542

⁽⁷⁾ https://www.jusbrasil.com.br/processos/88072246/processon-0004123-8420048240025-do-tisc



Y ellow border – boundary of São Félix das Balsas (Maranhão)/ White border – boundary of Fazenda Brejão / Red dot – location of cleared area

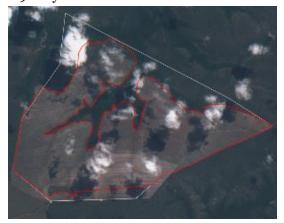
Alert Imagery (before and after clearance)

30 January 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

29 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

4. Fazenda Brejão (São Félix das Balsas - MA)



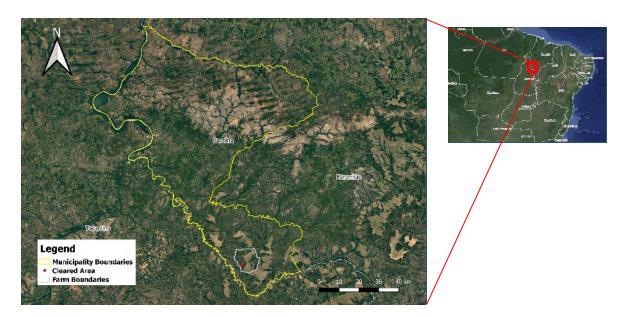
Gene	ral Information						
Dramantin Basistan CAR declaration			da Br	ejão			9501900777711
Property; Registry; CAR declaration		CAR	MA	-2110807-	351	FFC1F3	6BA4B47BF5EF85A7E8B5309
Size (h	na); Coordinates	1,707					-7.25934,-44.84758
Land	Clearance						
Period	l of clearing	30 Jar	ıto2	9 May 202	20		
Size (h	ıa); Coordinates	1,253			-7.:	26570,-4	44.84646
Inside	Forest Code protected areas	Yes		411	ha	a inside	declared Legal Reserve and APP
Турес	of v egetation	Forest	ed Sa	vanna			
Legal	Status						
Em ba	rgoes	No		-			
Envir	onmental fines	No		-			-
Natur	al Reserves	No		-			
Indige	en ou s Lands	No		-			
Priori [,]	ty for biodiversity conservation	No					
Owne	ership						
Comp	any group	Agrosustentável Participacões; Solo e Mar Participações; HFM Com ercialização de Carnes Nobres; Grupo Sal e Brasa					
Other	linked properties	3 other properties, totaling 5,078 ha. In Benedito Leite(MA): Fazenda Santa Angela (1,299 ha.) In São Félix de Balsas (MA): Fazenda Chapada (1,632 ha); Fazenda Santo Antonio (2,147 ha)					
Supp	ly Chain						
Main (com modity	Soy					
Confir	med supply chain relation	No					
Soy	Main exporters (municipality)	[Dome	estic (Consumpt	ion	(100%)]	
	Warehouses within 50 km	5 warehouses e.g.: 1 owned by Bunge (47,144 MT), 2 owned by					
	radius	Agropecuária Nova			ra (:	29,017 M	IT)
Df	Supply chain details	-					
Beef	Main exporters (municipality)	-					
	Slaughterhouses sourcing from municipality	-					
	Supply chain details	-					
Other	supply chain details	-					

Agrosustentável Participações, registered in Recife (PE), produces soy and corn (1). In June 2019, the company sought an environmental license to begin soy cultivation in Fazenda Brejão (2) in São Félix de Balsas (MA), the farm under alert. However, deforestation seemed to have also occurred in the declared Legal Reserve of the farm. Valdemir Baldissera, Paulo Luiz Alves Magnus and Solo e Mar Participações own the agribusiness company (1). Valdemir Baldissera is one of the partners of the steakhouse chain Grupo Sal e Brasa, with locations in nine Brazilian cities (3). Paulo Luiz Alves Magnus is the founder of MV Sistemas, a healthcare system contractor (4). Finally, Solo e Mar Participações is a third-party company also owned by the two businessmen and the fund Vitória Fundo de Investimento em Participações Multiestratégia, run by Planner Trustee Distribuidora de Títulos, which also hold assets in agribusiness companies such as CCAB Agro and Agroz Agrícola Zurita (5, 6).

- (1) https://brasilcnpi.net/cnpi/agrosustentavel-participacoes-ltda-28705594000155
- (2) https://www.jusbrasil.com.br/diarios/248483006/doema-terceiros-24-06-2019-pg-57
- (3) https://diariodonordeste.verdesmares.com.br/editorias/negocios/sal-e-brasa-abrira-mais-duas-unidades-em-fortaleza-1.1204960
- (4) http://www.mv.com.br/20anos/fatos_marcantes/fatos_marcantes.shtml
- (5) https://cvmweb.cvm.gov.br/SWB/Sistemas/SCW/CPublica/DemFinancFdoExclvFech/CPublicaDemFinancFdoExclvFech.aspx?PK_PARTIC=112806&COMPTC=&TpConsulta=23&TpPartic=73
- (6) https://www.fiduciario.com.br/relatorios-anuais/

5. Fazenda Serrinha (Fazenda Horizonte) (Carolina - MA)

Property Location



Y ellow border – boundary of Carolina (Maranhão)/ White border – boundary of Fazenda Serrinha (Fazenda Horizonte) / Red dot – location of cleared area

Alert Imagery (before and after clearance)

14 February 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

22 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

5. Fazenda Serrinha (Fazenda Horizonte) (Carolina - MA)



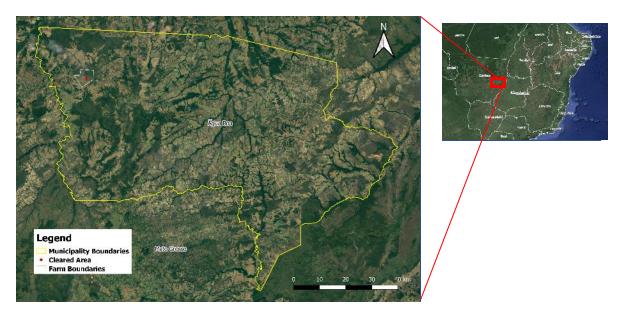
Gen	eral Information						
		Fazenda	Serrinha	(Fazen	da Horizonte)	9500413020234	
Prop	erty; Registry; CAR declaration	CAR		`	5A15F14337542AF801F		
Size (ha); Coordinates	11,566				-7.89855, -47.04597	
Lan	dClearance						
Perio	od of clearing	14 Feb t	0 2 2 May 2	2020			
Size (ha); Coordinates	845				-7.92161, -47.07027	
Insid	e Forest Code protected areas	No	-	-			
Туре	of v egetation	Wooded	Sav anna				
Lega	l Status						
Em b	argoes	Yes	1 embarg in 2014	o for il	legal clearance of 3,974	ha of native vegetation	
Envi	ronmentalfines	No	-		-		
Natu	ral Reserves	No	_				
Indig	enous Lands	No	_				
Prior	ity for biodiversity conservation	No					
Own	ership						
Com	pany group	Grupo F	Iorizonte,	registe	red in Marechal Cândid	lo Rondon (PR)	
Othe	Oth er linked properties		22 other properties, totaling 37,130 ha. In Riachão das Neves (BA): Cabral (360 ha); Paineira (3,910 ha); Savana (16,070 ha.) In Palmeirante (TO): Paraná (1,960 ha.) In Itapiratins (TO): Belmonte (2,080 ha); Boi Preto (115 ha); Bananal (390 ha); Assunção (400 ha); Belos Montes (3,300 ha); Lote 68 (115 ha); São Salvador (440 ha); São Pedro da Baliza (50 ha); São José (460 ha); Nova Esperança (460 ha); Mutum (390 ha); Canto Alegre (280 ha.) In Araguaína (TO): Fazenda Bonanza (1,210 ha.) In Santa Rosa do Tocantins (TO): Certeza (1,310 ha); Luna (540 ha); Santo Antônio (2,550 ha); Brejinho (240 ha.) In São Félix do Tocantins (TO): Jalapão (500 ha)				
	ply Chain						
	commodity	Soy and cotton					
	rmed supply chain relation	Yes					
Soy	Main exporters (municipality)	_	58%), Carg				
	Warehouses within 50 km radius	1 owned	by Cargill	(29,42	ed by ABC In dústria e C 20 MT), 1 ow ned by Osv ries of the property und	ino Ricardi (14,456	
	Supply chain details	Registered as soy producer in Santa Rosa dos Santos (TO) and in Palmeirante (TO)					
Beef	Main exporters (municipality)	Minerva (90%), Masterboi (10%)					
	Slaughterhouses sourcing from municipality	8 different beef processors sourced cattle from Carolina in 2018					
	Supply chain details	Linked property, Fazenda Paraná (Palmeirante - TO), supplied a slaughterhouse owned by JBS (Araguaína - TO) in 2020 and a slaughterhouse owned by Minerva (Araguaína - TO) in 2018					
Othe	r supply chain details		oroperty, F roduction		a Savana (Riachão das N	Neves-BA), is active in	

5. Fazenda Serrinha (Fazenda Horizonte) (Carolina - MA)



Originally from Marechal Rondon (PR), the owner is an active member of the Cooproeste (Cooperativa Agropecuária do Oeste da Bahia) and is also registered as a soy and cattle producer in different municipalities in Tocantins. The family owns the company Agrícola Horizonte (1), registered in Paraná. A relative is an active producer of soy and corn in Itapiratins (TO) (2). The owner is a producer of soy, corn, wheat and cotton with a total of 40,000 hectares in properties in Paraná, Bahia, Tocantins and Maranhão (3). The owner is involved in a land dispute in Carolina (MA) linked to Fazenda Agro Santos 1A and 1C(5). This area is contiguous to the property of this case, Fazenda Serrinha (Fazenda Horizonte), also known as Fazenda Agro Santos 1B(6).

- (1) https://www.agricolahorizonte.com.br/
- (2) https://www.youtube.com/watch?v=vm-agmGeEKE
- (3) https://agrorevenda.com.br/top-farmers-2019-grupo-conecta-aposta-no-conhecimento/
- (4) http://dadosabertos.ibama.gov.br/dataset/termos-de-embargo
- $(5) \, \underline{\text{https://www.jusbrasil.com.br/diarios/137745904/djma-17-02-2017-pg-492?ref=serp}} \\$
- (6) https://www.jusbrasil.com.br/diarios/121279924/djma-25-07-2016-pg-80?ref=next_button



Y ellow border – boundary of Água Boa (Mato Grosso)/White border – boundary of Fazenda Porangaba / Red dot – location of cleared area

Alert Imagery (before and after clearance)

14 January 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

02 June 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

6. Fazenda Porangaba (Água Boa - MT)

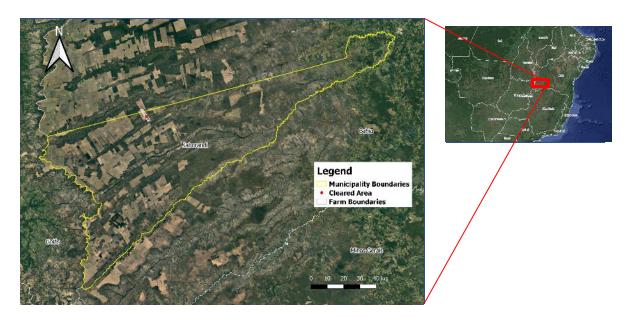


GeneralInformation						
Property; Registry; CAR declaration Fazenda Porangaba -						
CAR MT-51 00201-D3 8CD88F4E0E4ED38AE5515870D7382E						
Size (ha); Coordinates 3,072 -13.80616, -5:	2.9383					
Land Clearance						
Period of clearing 14 Jan to 02 Jun 2020						
Size (ha); Coordinates 510 -13.81008, -5:	2.9338					
Inside Forest Code protected areas Yes 3 ha inside declared Legal Reserve						
Ty pe of v egetation Sav anna Park						
Legal Status						
Embargoes Yes 1 embargo for illegal clearance of 140 ha of native vegetation in	2011					
Environmental fines Yes 1 fine for illegal clearance of 140 ha of native vegetation in Fazenda Iporanga in 2011 BRL 7	00,00					
Natural Reserves No -						
Indigenous Lands No -						
Priority for biodiversity conservation Very high						
Ownership						
Com pany group Madeir eira Por angaba, registered in Rondon ópolis (MT)						
Other linked proporties Marruá (unknown area); Fazenda Jussara (2,500 ha); Fazenda Xava	6 other properties, totaling at least 9,130 ha. In Cocalinho (MT): Fazenda Marruá (unknown area); Fazenda Jussara (2,500 ha); Fazenda Xavante (1,650 ha); Fazenda Lealdade (4,980 ha.) In Água Boa (MT): Fazenda Presenca II (unknown area); Fazenda Cachoeira (unknown area)					
Supply Chain						
Main commodity Beef						
Confirmed supply chain relation Yes						
Soy Main exporters (municipality) Cargill (29%), Caramura (18%), others (29%) [Domestic Consumptio (24%)]	n					
Warehouses within 50 km 5 warehouses e.g.: 1 owned by CHS Agronegócio (74,000 MT), 1 own radius Ferrari Agroindústria (12,800 MT)	edby					
Supply chain details -						
Beef Main exporters (municipality) Frisa Frigorifico Rio Doce (67%), Mataboi Alimentos (14%), Maxi Ber Alimentos do Brasil (10%), others (9%)	ef					
	5 different beef processors sourced cattle from Água Boa in 2019, e.g.: 2					
Linked property, Fazenda Lealdade (Cocalinho - MT), supplied two slaughterhouses owned by Marfrig (Nova Xavantina - MT, Paran Supply chain details MT) in 2019. Two other linked properties, Fazenda Cachoeira (Água	two slaughterhouses owned by Marfrig (Nova Xavantina - MT, Paranatinga MT) in 2019. Two other linked properties, Fazenda Cachoeira (Água Boa - MT) and Fazenda Lealdade (Cocalinho - MT) are registered for cattle					
Other supply chain details -						

7. Fazenda Butiatuvinha e Outra (Jaborandi - BA)



Property Location



Y ellow border – boundary of Jaborandi (Bahia)/ White border – boundary of Fazenda Butiatuvinha e Outra / Red dot – location of cleared area

Alert Imagery (before and after clearance)

10 January 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

29 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

7. Fazenda Butiatuvinha e Outra





General Information								
	Fazenda Butiatuvinha e Outra 600							
Property; Registry; CAR declaration	CAR	AR BA-2917359-41B4.622C.55BF.430A.847B.732D.8E43.27D BA-2917359-E2E7.F38D.286F.457B.B0B0.CE20.9CEC.53						
Size (ha); Coordinates	1,265 -13.86098,-4							
Land Clearance								
Period of clearing	10 Jan to	29 May 20	020					
Size (ha); Coordinates	350			-13.86	998, -45.65055			
In side Forest Code protected areas	No	-	-					
Ty pe of v egetation	Forested	Savanna						
Legal Status								
Embargoes	Yes	1 embargo (lifted in 2		ce of 1,989 ha of nat	ive vegetation			
Env ironmental fines	Yes	5 fines for illegal clearance of a total of 3,867 ha of native vegetation between 2006 and 2015 in Jaborandi and Correntina						
Natural Reserves	No	-						
Indigenous Lands	No	No -						
Priority for biodiversity conservation	Extremelyhigh							
Ownership								
Com pany group	Comercia	al Agropecu	ıária AJ Manfron, ı	egistered in Curitib	a (PR)			
Other linked properties	9 other properties, totaling at least 1,000 ha. In Jaborandi (BA): Fazendas Butiatuvinha I and II (1,000 ha); Fazenda Butiatuvinha VII, VIII, and IX (unknown area); FazendaPinheiros I and II (unknown area); Fazenda Santa Felicidade (unknown area)							
Supply Chain								
Main commodity	Soy							
Confirmed supply chain relation	No							
Soy Main exporters (municipality)	Bunge (6	5%)[Domes	stic Consumption (94%)]				
Warehouses within 50 km radius	12 warehouses e.g.: 1 owned by Cristina Maria Lamers (290,000 MT), 1 owned by Harold Kudiess (35,800 MT), 1 owned by SLC Agrícola (25,040 MT)							
Supply chain details	-							
Beef Main exporters (municipality)	y) JBS (80%), Frigosol Frigorifico Sul Bahia (20%)							
Slaughterhouses sourcing from municipality	29 different beef processors sourced cattle from Jaborandi in 2017, e.g.: 1 owned by JBS (Itapetinga - BA)							
Supply chain details								
Other supply chain details	-							

7. Fazenda Butiatuvinha e Outra (Jaborandi - BA)



The owner of Fazenda Butiatuvinha e Outra, Aldemir João Manfron, operates the company Comercial Agropecuária AJ Manfron. This company is involved in the wholesale trade of goods, primarily agricultural inputs and the production of several grains and soy (1). Aldemir was granted authorization for the deforestation of 1,545 ha at his farms Fazendas Butiatuvinha, I, II, VII, VIII, IX, Pinheiros I e II in 2019. The authorization is valid for two years (2). Nevertheless, in the past, he received multiple environmental fines (BRL 3,575,390) on his farms in Jaborandi and Correntina (BA), for clearing a total of 3,867 ha of native vegetation without authorization (3). Both Aldemir and his wife Maria Manfron are active in politics. Aldemir was counselor of Curitiba for seven consecutive terms (4). Now Aldemir has stepped out of politics and has been "dedicating himself to the corn and soy plantations he has in the interior of Bahia" (5).

⁽¹⁾ https://www.cnpiconsultas.com/empresa/comercial-agropecuaria-a-j-manfron-ltda/02495867000190

⁽²⁾ https://www.escavador.com/diarios/924126/DOEBA/executivo/2019-06-05?page=34

⁽³⁾ http://dadosabertos.ibama.gov.br/dataset/autos-de-infracao

⁽⁴⁾ https://www.cmc.pr.gov.br/ver_det.php?ver=

 $^{(5) \} https://www.gazetadopovo.com.br/politica/parana/comissionados-empresarios-ou-no-desempregoa-vida-dos-exvereadores-de-curitiba-282si4bl5372i9ct8eom439yr$



Y ellow border – boundary of Alto Parnaíba (Maranhão) / White border – boundary of Fazenda Tabatinga / Red dot - location of cleared area

Alert Imagery (before and after clearance)

17 February 2020



07 April 2020



8. Fazenda Tabatinga (Alto Parnaíba - MA)



17 C .:							
eneral Information	D 1	n 1					
roperty; Registry; CAR declaration		Гаbatinga			2292530470316		
	CAR	MA-210050	MA-2100501-C95EAD144D69479E98AF093E533E				
ize (ha); Coordinates	5,356			-9.	02731, -46.55541		
and Clearance							
eriod of clearing	17 Feb to	07 Apr 2020					
ize (ha); Coordinates	324			-9.0	05653, -45.51442		
iside Forest Code protected areas	No	-	-				
y pe of v egetation	Wooded S	Sav anna					
egal Status							
mbargoes	No	-					
nv ironmental fines	Yes	native vegetation in Fazenda Tabatinga in			unknown amount		
Tatural Reserves	No -						
ndigenous Lands	No	-					
riority for biodiversity conservation	High						
)wnership							
om pa ny group	Agroman	Agromantova, registered in Balsas (MA)					
ther linked properties	Fazenda l Fazenda l	5 other properties, totaling at least 21,400 ha. In Alto Parnaíba (MA): Fazenda MR (1,130 ha); Fazenda Escuro (5,960 ha.) In Balsas (MA): Fazenda Boa Esperança (unknown area); Serra Branca (8,042 ha.) In Tasso Fragoso (MA): Terra Nova (5,300 ha)					
upply Chain							
Iain com modity	Soy						
on firmed supply chain relation	Yes						
oy Main exporters (municipalit	(23%) (23%)	60%), ADM (15%), ot	hers (2%) [<i>Domestic Co</i>	onsumption		
Warehouses within 50 km radius	11 warehouses e.g.: 3 owned by Weisul Agrícola (997,000 MT), 2 owned by Agrinvest Brasil (56,480 MT)						
Supply chain details	Fazenda Tabatinga supplied corn to Multigrain and Notaro in 2014 and has commercial links to Cargill						
eef Main exporters (municipality	ty)Mataboi Alimentos (100%)						
Slaughterhouses sourcing from municipality	2 different beef processors sourced from Alto Parnaíba in 2018			a in 2018			
Supply chain details	-						
ther supply chain details	Agroman	tova is registe	ered as a	corn producer compan	ıy		

The family of the owners is involved in a land dispute with Agropecuária Caracol (linked to Harvard farmland investments) in Alto Parnaíba (MA) (1). One of the family members also sued the State of Maranhão for a fine linked to illegal clearance of native vegetation of 2,360 ha in Fazenda Tabatinga (2).

⁽¹⁾ https://www3.tjma.jus.br/diario/diarios/diario_21082018_114940_150.pdf.pdf

⁽²⁾ https://www.jusbrasil.com.br/processos/202627585/processo-n-0813543-5420188100001-do-tjma



Y ellow border – boundary of Santa Carmem (Mato Grosso)/ White border – boundary of Fazenda Soledade / Red dot – location of cleared area

Alert Imagery (before and after clearance)

08 November 2019



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

06 April 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

9. Fazenda Soledade

(Santa Carmem - MT)

Amazon biome

Gene	ral Information						
		Fazenda S	Soledade		9010320968060		
Prope	rty; Registry; CAR declaration			48-1025	F299474640148FE845C7A0B62635		
Size (h	na); Coordinates	2,583	<i>J</i> ,		-11.95952, -54.90080		
Land	Clearance						
Period	l of clearing	08 Nov 20	019 to 06 Ap	or 2020			
Size (h	na); Coordinates	496			-11.95473, -54.88195		
Inside	For est Code protected areas	No	-	-			
Турес	of v egetation	Ombroph	ilous for est	transiti	on		
Legal	Status						
Em ba	rgoes	No	-				
Envir	onmental fines	No	-		-		
Natur	al Reserves	No	-				
Indige	en ous Lands	No	-				
Priori	ty for biodiversity conservation	No					
Owne	ership						
Comp	any group	Madenorte; Madenorte Agroindustrial					
Other	linked properties	15 other properties, totaling 24,176 ha. In Sinop-MT: Fazenda Indaial (3,434 ha); Fazenda Indaial II (6,294 ha); Fazenda Asa Branca (3,525 ha); Fazenda Guabiruba (2,513 ha); Fazenda Trevo 2 (4,900 ha); Fazenda Cascalheira (319 ha); Lote 102 Gleba Santa Felicidade (1,500 ha); Fazenda Esperança (986 ha), Fazenda Andrea (116); Lote 101 Gleba Santa Felicidade (1,500 ha); Lote 99 Gleba Santa Felicidade (1,500 ha); Lote 100 Gleba Santa Felicidade (1,552 ha.) In Cláudia (MT): Fazenda São João Part 1 and 2 (3,343 ha). In Santa Carmen (MT) and Cláudia (MT): Fazenda Blumenau (4,552 ha)					
Supp	ly Chain						
Main	com modity	Multiple					
Confir	med supply chain relation	Yes					
Soy	Main exporters (municipality)	Glencore	(36%), Cofc	0(28%)), Engelhart (26%), others (10%)		
	Warehouses within 50 km radius	MT), 1 ow	ned by Cofc	o(68,o			
	Supply chain details	Supplied soy and corn to Glencore, Louis Dreyfus, Cargill, Gavilon, and Aliança Agrícola do Cerrado in 2019					
Beef		ty) JBS (56%), Vale Grande (41%), others (3%)					
	municipality	om 3 different beef processors sourced cattle from Santa Carmem in 2019, e.g.: 1 owned by JBS (Diamantino-MT)					
	Supply chain details	- , -					
Other	Other supply chain details		Fazenda Soledade supplied timber to DMAR Indústria e Com ércio de Madeir as in 2019				

9. Fazenda Soledade (Santa Carmem - MT)

While Fazenda Soledade and linked logging company Madenorte are primarily involved in timber production, the owner of this farm Lourival Tomelin has clear linkages to some of the largest grain traders, such as Glencore, Cargill, and LDC. In 2019, Lourival supplied soy and corn to these traders from several of his 9 farms in Sinop (MT) (1), with a total area of 12,347 ha. In 2018, he cleared 955 ha in Fazenda Trevo, in Sinop (MT), an area that is declared a Legal Reserve under the Brazilian Forest Code (2). Lourival owns Madenorte Agroindustrial, a warehouse with 59,000 MT capacity involved in wholesale of cereals and vegetables. Moreover, he owns Madenorte, the logging company mentioned above (3). He used to operate this company with his brother Comercindo Tomelin (4), who founded Madeirato Madeiras. This latter logging company was closed in 2007 as a result of "Operation Curupira" that dismantled an illegal logging scheme (5, 6).

(2) RRanalysis

⁽¹⁾ https://www.conab.gov.br & undisclosed documents

⁽³⁾ https://www.consultasocio.com/g/sa/lourival-tomelin

⁽⁴⁾ https://www.al.mt.gov.br/storage/webdisco/cp/20150415074317624000.pdf

⁽⁵⁾ http://www.mightyearth.org/wp-content/uploads/RR_Report_12_April_2020_Revised.pdf

⁽⁶⁾ https://www.escavador.com/processos/104314333/processo-1006776-1020198110015-do-diario-de-justica-do-estado-do-mato-grosso?ano=2019



Y ellow border – boundary of União do Sul (Mato Grosso)/ White border – boundary of Fazenda Renascer / Red dot – location of cleared area

Alert Imagery (before and after clearance)

28 February 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

08 April 2020



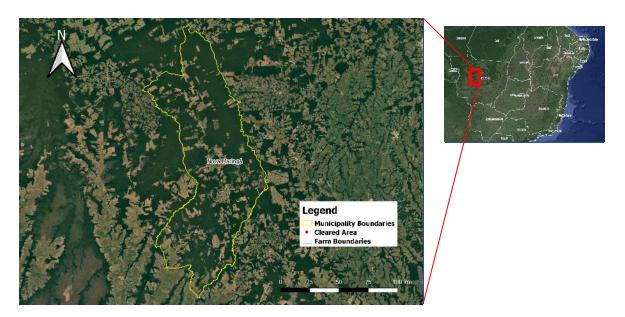
Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

10. Fazenda Renascer (União do Sul - MT)

Gener	al Information					
D	. D CADI I	Fazenda R	Renascer		9014311010879	
Property; Registry; CAR declaration		CAR	MT-51083	03-6C7I	B20B7DBB14A0DB17C7FCC0E215010	
Size (h	a); Coordinates	1,737			-11.67508,-54.27434	
Land	Clearance					
Period	of clearing	28 Feb to	08 Apr 2020)		
Size (h	a); Coordinates	350 -11.66245				
Inside	Forest Code protected areas	No	-	-		
Ty pe o	f v egetation	Om broph	ilous Forest	transiti	on	
Legal	Status					
Embar	goes	No	-			
Enviro	nmentalfines	No	-		-	
Natura	al Reserves	No	-			
Indige	nous Lands	No	-			
Priorit	y for biodiversity conservation	Extremely	high			
Owne	rship					
Com pa	ny group	União Armazéns Gerais				
Other l	linked properties	4 other properties, totaling at least 1,147 ha. In União Do Sul (MT): Fazenda Brasão (1,021 ha); Fazenda Gabriela (unknown area); Fazenda Elisa (126 ha). In Sinop (MT): Fazenda Luíza (unknown area)				
Suppl	y Chain					
Main c	om modity	Multiple				
Confir	med supply chain relation	Yes				
Soy	Main exporters (municipality)	Amaggi (7	0%), Multig	rain (22	2%), Bunge (8%)	
	Warehouses within 50 km radius	2 owned b		nazéns (y Scheffer Armazéns Gerais (61,140 MT), Gerais (40,840 MT) - linked to the owner	
	Supply chain details	A linked p 2019	roperty (Fa	zenda Bı	rasão) sold soy to Cargill and Bunge in	
Beef	Main exporters (municipality)	JBS (76%)), Marfrig (2	2%), otl	ners (2%)	
	Slaughterhouses sourcing from municipality	3 different beef processors sourced cattle from União do Sul in 2019, e.g.: 2 owned by JBS (Colider - MT and Diamantino - MT), 1 owned by Vale Grande (Colider - MT)				
	Supply chain details	Linked properties, Fazenda Brasão (União do Sul - MT) and Fazenda Gabriela (União do Sul - MT), supplied a slaughterhouse owned by Frigorífico Colider (Colider - MT)				
Other	supply chain details	Linked property, Fazenda Brasão (União do Sul - MT), supplied corn to Cargill and Multigrain in 2017 and to Cofco, Cargill and Inpasa in 2019 (Inpasa is the largest Brazilian corn-based ethanol producer)				

The owners were active in soy production in 2014 and now are active in the beef supply chain. In 2008, one of the owners was ordered to transfer the ownership of 389 hectares to the environmental agency of Mato Grosso as part of a compensation agreement for the illegal clearance of native vegetation in the declared Legal Reserve of a linked property, Fazenda Luíza in Sinop (MT) (1). In February 2020, Fazenda Renascer obtained an authorization for the deforestation of 343 hectares, as well as authorization for timber trading.

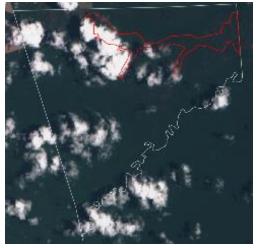
 $(1) \, https://www.jusbrasil.com.br/diarios/7322115/pg-19-diario-oficial-do-estado-do-mato-grosso-doemt-de-13-03-2008$



Y ellow border – boundary of Nova Maringá (Mato Grosso)/ White border – boundary of Fazenda Cunhataí VII / Red dot – location of cleared area

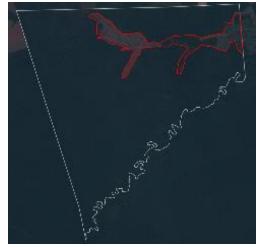
Alert Imagery (before and after clearance)

01 February 2020



Source: European Union, contains modified Copernicus Sentinel data 2019.

31 May 2020



Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

11. Cunhataí VII (Nova Maringá - MT)

General Information						
	Cunh	nataíVII		-		
Property; Registry; CAR declaration	CAR	MT-5108	907-F77	7401C34FFA4E6E8C4E17DB9FCC563F		
Size (ha); Coordinates	2,517 -12.98036,-56.798					
Land Clearance						
Period of clearing	01 Fe	b to 31 May 20	020			
Size (ha); Coordinates	215 -12.96621, -56.78					
Inside Forest Code protected areas	No	-	-			
Ty pe of v egetation	Omb	rophilous Fore	sttrans	ition		
Legal Status						
Embargoes		2020(issued	by the N	clearance of 40 ha of native vegetation in Mato Grosso State Environmental Agency), ation reported in this case		
Env ironmental fines	No	-		-		
Natural Reserves	No	-				
Indigenous Lands	No	-				
Priority for biodiversity conservation	Very	high				
Ownership						
Com pany group	Agro	por a Armazén	s Gerais	, registered in Alto Garças (MT)		
Oth er linked properties	9 other properties, totaling 24,225 ha. In Nova Mutum (MT): Fazenda Amazônia (1,350 ha); Fazenda Piuva (1,840 ha.) In São José do Rio Claro (MT): Fazenda Cunhataí III, IV, V and VI (10,730 ha); Fazenda Massapé and Fazenda Massapé I and II (1,965 ha.) In Alto Araguaia (MT): Fazenda Cruzeiro do Sul (3,945 ha.) In Itiquira (MT): Fazenda Coxilha (2,090 ha.) In Pedra Preta (MT): Fazenda Campo Azul (410 ha); Fazenda Campo Azul V, VI, VII, VIII, IX (785 ha.) In Campo Novo do Parecis (MT): Fazenda Passo Alto and Passo Alto 1 and 2 (1,110 ha)					
Supply Chain						
Main commodity	Soy					
Confirmed supply chain relation	No					
Soy Main exporters (municipality)	ADM	(50%), Cofco	(9%) [D	omestic Consumption (41%)]		
Warehouses within 50 km radius	(38,0	000 MT)		d by Novagri (97,000MT), 2 owned by Cofco		
Supply chain details	A linked property (Fazenda Passo Alto) supplied soy to ABJ Comércio Agrícola (ownedby Grupo Bom Jesus) in 2018 and 2019					
Beef Main exporters (municipality)	JBS (50%), Marfrig	(29%),	Minerva (7%), others (14%)		
Slaughterhouses sourcing from municipality	e.g.:	2 owned by JB	S(Diam	s sourced cattle from Nova Maringa in 2019, nantino - MT and Juara - MT), 1 owned by MT), 1 owned by Marfrig (Tangará da Serra -		
Supply chain details	-					
Other supply chain details	_					

In April 2020, 40 hectares of native vegetation cleared area that is reported in this case inside the property Cunhataí VII was embargoed by the environment agency of Mato Grosso for illegal clearance of native vegetation (1). There is an environmental fine active (340,000 BRL) in a linked property in São José do Rio Claro (MT) for illegal clearance of native vegetation in 2017 (2). Zaid Arbid, one of the owners of the property Cunhataí VII, is a lawy er involved in the defence of João Arcanjo Ribeiro, who spent 14 years in jail for illegal gambling and money laundering and was arrested again in May 2019 by the Civil Police operation Mantus (3).

- (1) https://monitoramento.sema.mt.gov.br/simcar/tecnico.app/publico/mapa
- (2) https://servicos.ibama.gov.br/ctf/publico/areasembargadas/ConsultaPublicaAreasEmbargadas.php
- (3) https://www.midianews.com.br/cotidiano/advogado-arcanio-nao-cometeria-a-burrice-de-voltar-ao-crime/351833



Deforestation and land clearance - Any land use change already classified as loss of native vegetation by deforestation alert systems

Agrarian conflicts - Include conflicts about land tenure, natural resources (water, forests), slave labor, other crimes, and human right issues

Embargoed areas - Areas where any kind of activity is suspended or not authorized by the Federal Environmental Agency (IBAMA) due to environmental degradation or irregularity

Environmental fines - List of environmental infractions that resulted in fines addressed to the owner of the property where the crimes were found

Forest Code protected areas - Areas defined by the Brazilian Forest Code that have mandatory conservation status in private properties. *Legal Reserves* [80% Amazonia biome, 35% Cerrado biome inside Legal Amazon, 20% other areas] and *Permanent Preservation Areas (APP)* linked to water and soil conservation (close to river bases, wetlands, slopes, and high hills). The Legal Reserve and APP areas considered in this report are those self-declared within the Environmental Register System "Cadastro Ambiental Rural – CAR". In some cases, the CAR was also used to find information on ownership because even if it is a self-declared document, sometimes, it provides the most recent information on the probable ownership of a property.

Illegal deforestation - Any deforestation event occurring without an authorization of the state or federal environmental agency, or any deforestation that is inside a Legal Reserve or a Permanent Preservation Area (APP)

Natural Reserves - Officially recognized Natural Reserves according to the National System of Natural Reserves (SNUC – Sistema Nacional de Unidades de Conservação). The SNUC determines jurisdiction of the area - federal, state or local government, or private owner - and how the natural resources may be used by whom in each of the natural reserves' categories.

Indigenous lands - Lands under FUNAI (Nacional Foundation for Indigenous People) defined as a heritage right of local indigenous populations where any activity not linked to these groups is not allowed.

Priority for Biodiversity conservation - Brazilian Ministry of Environment (MMA) study listing the biodiversity hotspots in Brazil and the priority of actions for biodiversity conservation in these areas.

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