



MIGHTY EARTH

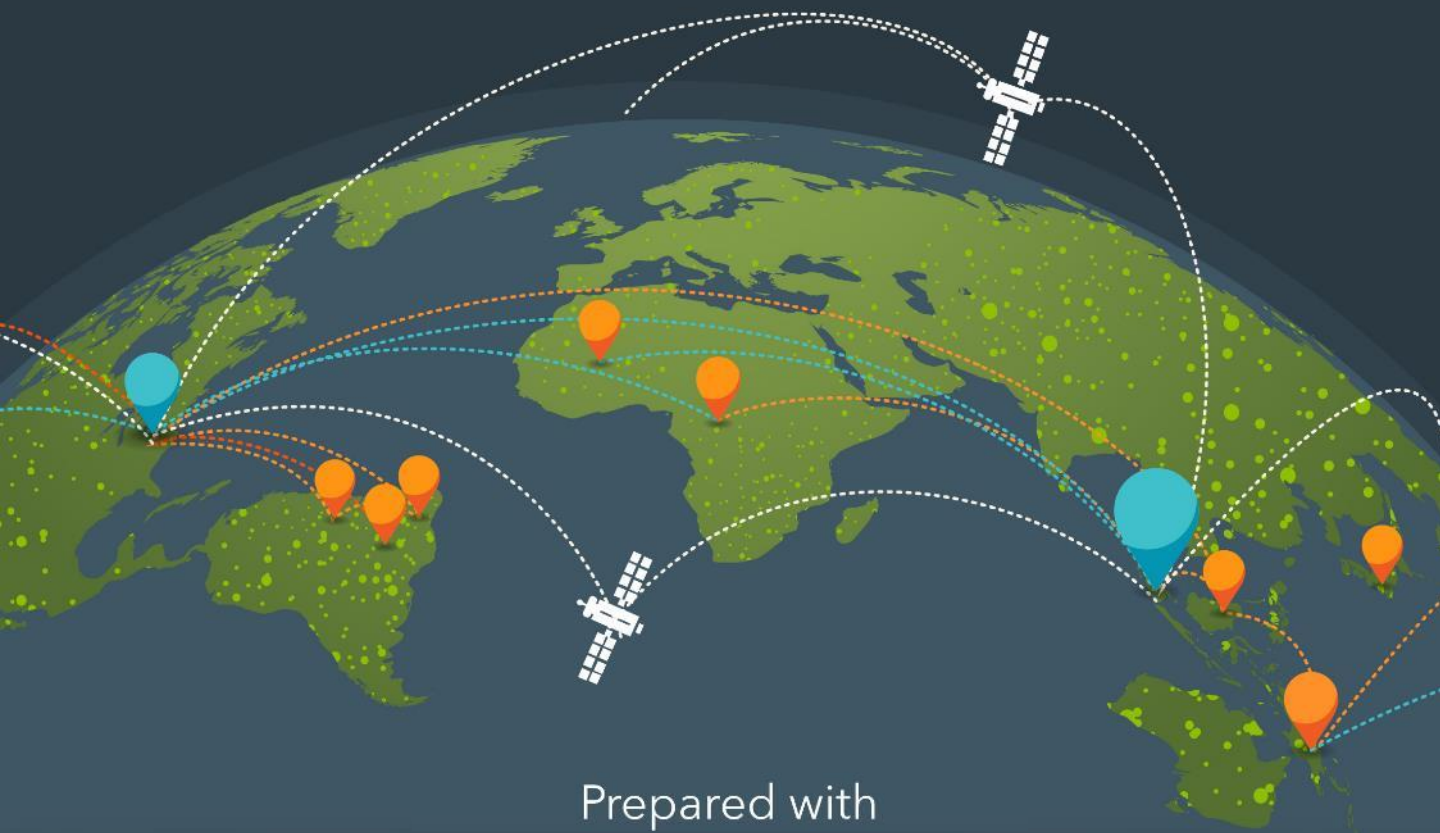


RAPID RESPONSE

Soy & Cattle Report

Report 10

March 2020



Prepared with

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Executive Summary

This report presents 10 cases of deforestation within the Amazon biome in Mato Grosso linked to the soy supply chain. We prioritized cases with recent deforestation that is potentially illegal based on its location within farms' declared Legal Reserves and Permanent Preservation Areas included in their Rural Environment Registries (CAR).

In addition, we utilized data from Trase and the Instituto Centro de Vida (ICV) to select cases, based on their recent reports about illegal deforestation in Mato Grosso. In October 2019, Trase and Imaflora published a study that explored the soy supply chain's compliance with the Brazilian Forest Code in the Amazon and Cerrado biomes (1). The study identified the soy planted areas within properties without CAR registration, a violation of the Forest Code. The study concluded that the state of Mato Grosso included 728,000 hectares (or 28 percent) of such properties in 2017. In December 2019, another report published by Instituto Centro de Vida (ICV) noted that deforestation in Mato Grosso between August 2018 and July 2019 totaled 976,200 hectares, the highest for the period in the last 11 years (2). Eighty-five percent of this deforestation was classified as illegal because it occurred without authorization from the Mato Grosso State Environmental Agency.

As one of our initial filters, we used alerts from DETER (Detecção de Desmatamento em Tempo Real, in English: System for Monitoring Deforestation in Real Time) observed between December 2019 and January 2020, and we visually confirmed cases of clearance included in this report. We could not check whether the properties had a valid environmental license for native vegetation clearance in the period of deforestation due to a lack of updated data in the Mato Grosso State Environmental Agency database.

(1) http://resources.trase.earth/documents/issuebriefs/Soy_and_environmental_compliance_in_Brazil.pdf

(2) <https://www.icv.org.br/wp-content/uploads/2019/12/2019DeforestationAnalysisBrazilianAmazon-MT.pdf>

Cases (#) and clearance (ha) per municipality

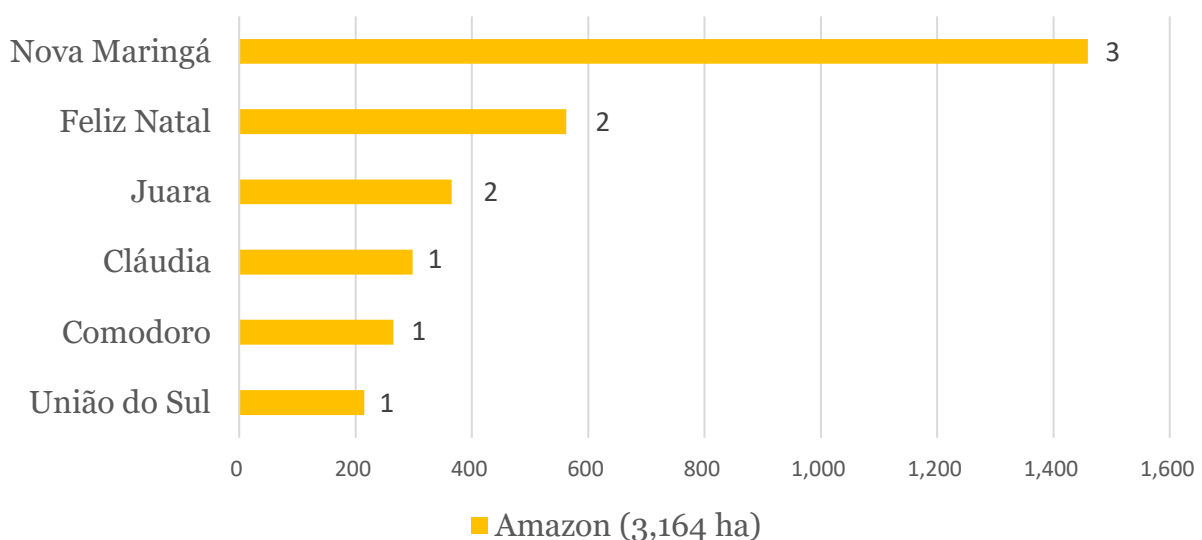
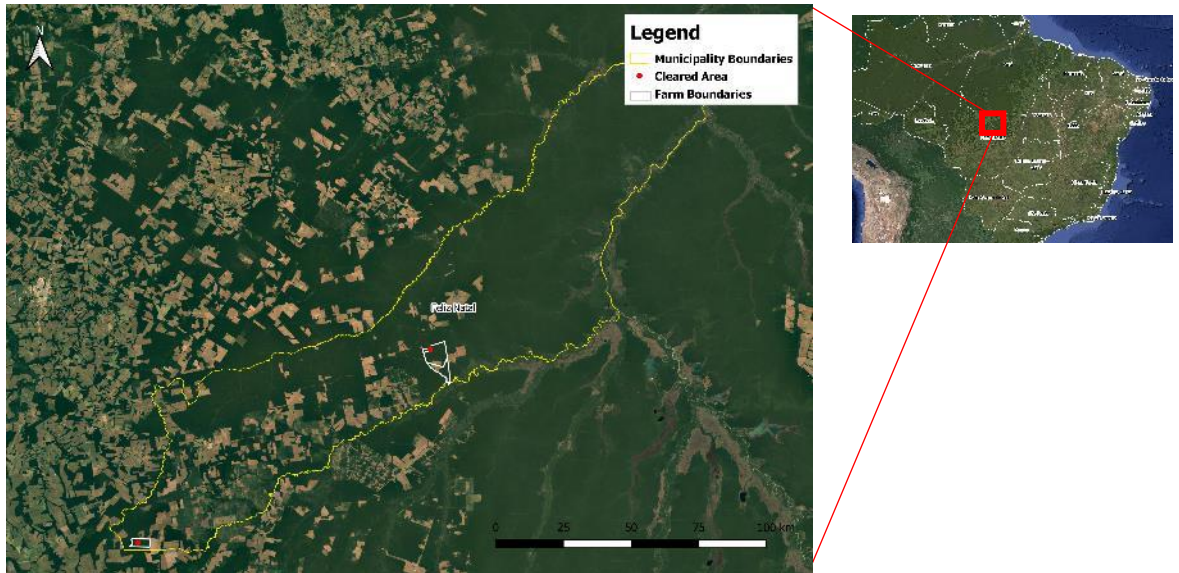


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Property Location



Yellow border – boundary of Feliz Natal (Mato Grosso) / White border – boundary of Fazenda São Marcos e Fazenda Crismar / Red dot – location of cleared area

Alert Imagery (before and after clearance)

04 Oct 2019



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

17 Jan 2020



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

1. Fazenda São Marcos e Fazenda Crismar (Feliz Natal)

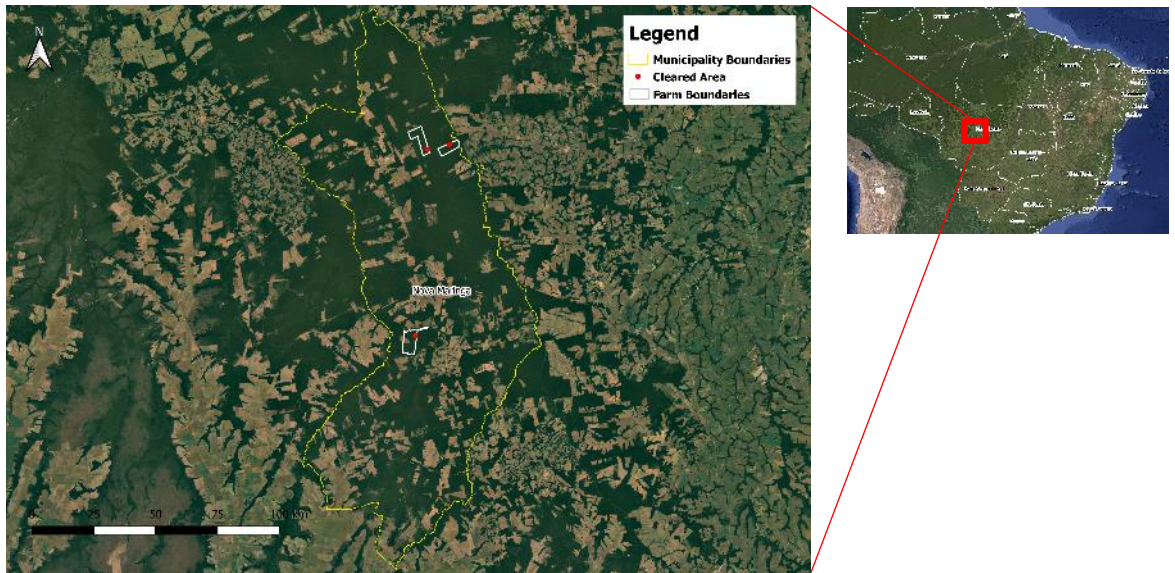
General Information			
Property; Registry	Fazenda São Marcos e Fazenda Crismar		9010321023779
Size (ha); Coordinates	2,553	-12.71200, -55.17340	
Land Clearance			
Period of clearing	04 Oct 2019 to 17 Jan 2020		
Size (ha); Coordinates	500	-12.71069, -55.18271	
Inside Forest Code protected areas	Yes	136	ha inside declared Legal Reserve
Type of vegetation	Semidecidual Seasonal Forest		
Legal Status			
Embargoes	Yes	Destruction of 45 ha of flora	
Environmental fines	Yes	Deforestation in Legal Reserve	BRL 225,000
Natural Reserves	No	-	
Indigenous Lands	No	-	
Priority for biodiversity conservation	Very high		
Ownership			
Company group	No group company identified but companies under similar ownership include Agrícola Grp, Agrícola Matimperere, Ghps, Cap, and Cpma Participações Societarias		
Other linked properties	Not identified		
Supply Chain			
Main commodity	Multiple		
Confirmed supply chain relation	Yes		
Soy	Main traders in municipality	Amaggi (70%), Multigrain (22%) and Bunge (8%)	
	Warehouses within 50 km radius	82 warehouses, e.g.: 3 warehouses owned by Cargill (960,000 MT) and 2 warehouses owned by Louis Dreyfus (110,000 MT)	
	Supply chain details	-	
Beef	Main traders in municipality	JBS (75%), Frigosul (10%), Minerva (7%), Marfrig (6%), and others (2%)	
	Slaughterhouses sourcing from municipality	3 different beef processors sourced cattle from Feliz Natal in 2019, none owned by beef exporters active in the municipality	
	Supply chain details	-	
Other supply chain details	Fazenda São Marcos e Crismar supplied timber to several sawmills between December 2019 and February 2020 including Correa e Kobelnik, Serraria e Depósito de Madeiras Navarro, Percilia First Navarro, Joel Navarro and Madeireira Silva		

Brothers Cristiane and Marco Antônio dos Santos Perin self-declared ownership of this farm in the CAR (1). Their father, Antonio José Perin, has an embargoed area of 45 ha located on Fazenda São Marcos' perimeter (2). In 2019, the Public Attorney of Mato Grosso denounced the two brothers, along with 11 other farmers, for their alleged involvement in environmental frauds in the CAR register of Fazenda Soledade in Santa Carmem (MT) (3). The brothers recently founded a soy production company, Agrícola Grp Ltda, on October 21, 2019 (4).

Fazenda São Marcos e Fazenda Crismar supplied timber to several sawmills between December 2019 and February 2020 (5).

- (1) <https://monitoramento.sema.mt.gov.br/simcar/tecnico/api/api/Publico/BuscarPdfRecibo/7323>
- (2) <https://servicos.ibama.gov.br/ctf/publico/areasembargadas/ConsultaPublicaAreasEmbargadas.php>
- (3) <https://www.pontonacurva.com.br/civel/mais-13-fazendeiros-suspeitos-de-fraudarem-cars-so-avlos-de-inquiritos/8553>
- (4) <https://www.consultasocio.com/q/sa/cristiane-dos-santos-perin>
- (5) Undisclosed source

Property Location



Yellow border – boundary of Nova Maringá (Mato Grosso) / White border – boundary of Fazenda Iporanga – Lotes A1/A2/B2 / Red dot – location of cleared area

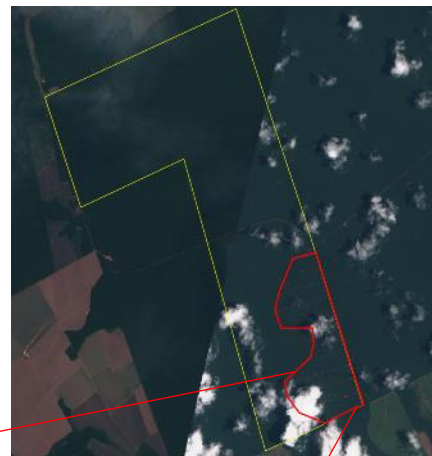
Alert Imagery (before and after clearance)

01 Nov 2019

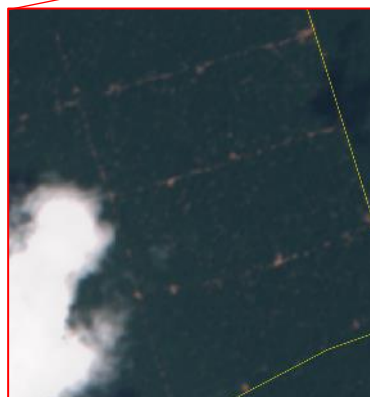


Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

01 Feb 2020



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



2. Fazenda Iporanga - Lotes A1/A2/B2 (Nova Maringá)

General Information		
Property; Registry	Fazenda Iporanga - Lotes A1/A2/B2	9011721116519
Size (ha); Coordinates	6,487	-12.19694, -57.19167
Land Clearance		
Period of clearing	01 Nov 2019 to 01 Feb 2020	
Size (ha); Coordinates	607	-11.59881, -54.75231
Inside Forest Code protected areas	Yes	607 ha inside declared Legal Reserve and APP
Type of vegetation	Ombrophilous Open Forest	
Legal Status		
Embargoes	No	-
Environmental fines	No	-
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	Very high	
Ownership		
Company group	Terra Santa Agro	
Other linked properties	Terra Santa's land portfolio totals approximately 140,000 ha (combination of own and leased land) with properties/production units: Fazenda Iporanga (12,800 ha, Nova Maringá - MT), Guapirama PU (22,562 ha, Diamantino - MT), Mãe Margarida PU (20,453 ha, Santa Rita do Trivelato - MT), Ribeiro do Céu PU (23,304 ha, Nova Mutum - MT), São José PU (27,429 ha, Campo Novo dos Parecis - MT), Sete Placas PU (8,131 ha, Diamantino - MT), Terra Santa PU (32,023 ha, Tabapora - MT) and Parecis PU (4,670 ha leased, Campo Novo dos Parecis - MT)	
Supply Chain		
Main commodity	Multiple	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	ADM (50%), COFCO (9%) and domestic consumption (41%)
	Warehouses within 50 km radius	4 warehouses, e.g.: 1 warehouse owned by Agropecuária Brianorte (21,160 MT)
	Supply chain details	-
Beef	Main traders in municipality	JBS (50%), Marfrig (29%), Minerva (8%), Naturafriq (4%) and others (9%)
	Slaughterhouses sourcing from municipality	13 different beef processors sourced cattle from Nova Maringá in 2019, e.g.: 2 owned by JBS (Diamantino - MT and Juara - MT), 1 owned by Marfrig (Tangará da Serra - MT), 1 owned by Minerva (Várzea Grande - MT) and 1 owned by Naturafriq (Barra do Bugres - MT)
	Supply chain details	-
Other supply chain details	Vanguarda do Brasil supplied cotton and corn to numerous traders in 2014, including Bunge, ADM, and LDC	

Fazenda Iporanga is owned by the company Terra Santa Agro, formerly named Vanguarda do Brasil, headquartered in Nova Mutum (MT). Terra Santa Agro, is a publicly traded agribusiness company involved in soy, corn, and cotton production as well as land acquisition. The company manages a total area of approximately 140,000 hectares (1).

Vanguarda do Brasil remained a subsidiary of Terra Santa Agro until February 2018, when it became part of a joint venture with Maeda S.A. Agroindustrial and Brasil Ecodiesel, changing its name to TS Brasil S.A. (2). Gávea Investimentos is one of the main investors of Terra Santa (7.7 percent) (3). Gávea Investimentos is an investment management firm founded by Arminio Fraga, an eminent Brazilian economist and former president of the Brazilian Central Bank. It has assets under management of approximately USD 2.6 billion as of December 2019 (4).

Vanguarda do Brasil was founded by Otaviano Pivetta, vice-governor of Mato Grosso (2019-2022), state deputy (2007-2010) and mayor of Lucas do Rio Verde for three terms (1997-2000, 2001-2004 and 2013-2016). He was the main shareholder until February 2017, when his 11.99 percent stock was sold (5). In 2018, he was listed among the eight richest politicians of Brazil (6). He also owns Agropecuária Margarida, a farm managing group based in Nova Mutum (MT).

Until 2019, Terra Santa Agro was among the largest debtors in the agribusiness sector. The company had total debts with the Brazilian state of BRL 137 million (7). In addition to grains and cotton production, the company seems to be involved in the timber market. Fazenda Iporanga, the farm under alert, is dedicated to timber extraction (8), but we could not find evidence of current active sale of timber.

There is evidence of previous corn and cotton supply chain links between Vanguarda do Brasil properties and grain traders such as ADM, Bunge, and LDC in several municipalities (e.g., Diamantino and Nova Mutum) (9).

Vanguarda do Brasil has had an embargo on a farm in Alta Araguaia since 2014 (10).

(1) <http://ir.terrasantaagro.com>

(2) http://www.mzweb.com.br/vanguardaagro/web/download_arquivos.asp?id_arquivo=F2F2DA38-F2A2-45Fo-9CD8-868F4EAE62

(3) http://ri.terrasantaagro.com/conteudo_pt.asp?idioma=0&conta=28&tipo=40817

(4) <https://www.gaveainvest.com.br/en/empresa>

(5) siteempresas.bovespa.com.br/DWL/FormDetalheDownload.asp?site=C&prot=546810

(6) <https://spotniks.com/estes-sao-os-8-politicos-mais-ricos-do-brasil-e-aqui-esta-origem-de-suas-fortunas/>

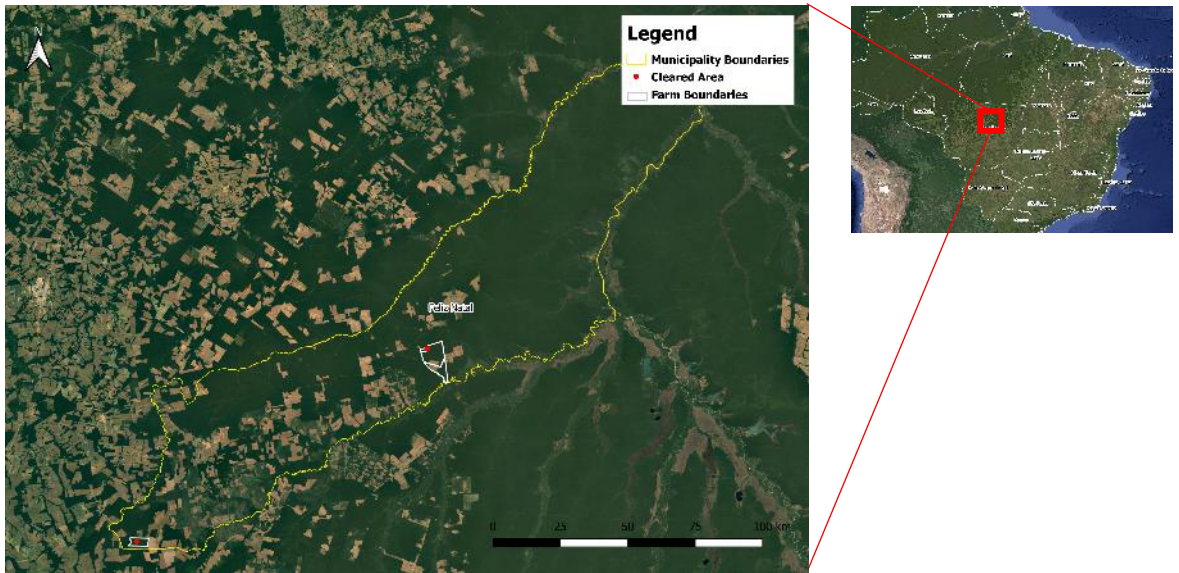
(7) <https://deolhonosruralistas.com.br/2019/07/02/com-empresas-vinculadas-a-politicos-ruralistas-setor-de-graos-deve-r-236-bilhoes-a-uniao/>

(8) http://www.terrasantaagro.com/conteudo_eni.asp?idioma=1&conta=46&tipo=61561&item=13176

(9) Conab subsidiaries

(10) Ibama

Property Location



Yellow border – boundary of Feliz Natal (Mato Grosso) / White border – boundary of Fazenda Estância São José - Uirapuru / Red dot – location of cleared area

Alert Imagery (before and after clearance)

01 Oct 2019



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

14 Jan 2020



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



3. Fazenda Estância São José / Uirapuru (Feliz Natal)

General Information		
Property; Registry	Estância São José / Fazenda Uirapuru	9013420075364
Size (ha); Coordinates	8,317	-12.07205, -54.16483
Land Clearance		
Period of clearing	01 Oct 2019 to 14 Jan 2020	
Size (ha); Coordinates	62	-12.05274, -54.18815
Inside Forest Code protected areas	Yes	62 ha inside declared Legal Reserve
Type of vegetation	Semidecidual Seasonal Forest	
Legal Status		
Embargoes	No	-
Environmental fines	No	-
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	High	
Ownership		
Company group	Agropecuária Bemvinda. Other linked companies include Campo Verde Trading, Uirapuru Comercio de Lascas, and Agropecuária União	
Other linked properties	4 other properties totaling 16,760 ha, all in Feliz Natal - MT: Fazenda São Francisco (9,600 ha), Fazenda Cristal (3,880 ha), Fazenda União (2,920 ha) and Fazenda São José (360 ha)	
Supply Chain		
Main commodity	Multiple	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	Bunge (17%), Cutrale (13%), COFCO (13%), others (7%) and domestic consumption (50%)
	Warehouses within 50 km radius	6 warehouses, e.g.: 1 warehouse inside the property owned by Flávio Turquino (6,000 MT)
	Supply chain details	Fazenda Uirapuru supplied soy to Feliz Natal Armazens Gerais Ltda Epp and C.Vale - Cooperativa Agroindustrial in 2019
Beef	Main traders in municipality	JBS (75%), Frigosul (10%), Minerva (7%), Marfrig (6%), and others (2%)
	Slaughterhouses sourcing from municipality	3 different beef processors sourced cattle from Feliz Natal in 2019, none owned by beef exporters active in the municipality
	Supply chain details	-
Other supply chain details	Uirapuru Comércio de Lascas (similar ownership) sold timber to Rama Madeiras, who indirectly supplies the US retailer Lumber Liquidators through Triângulo Pisos e Painéis	

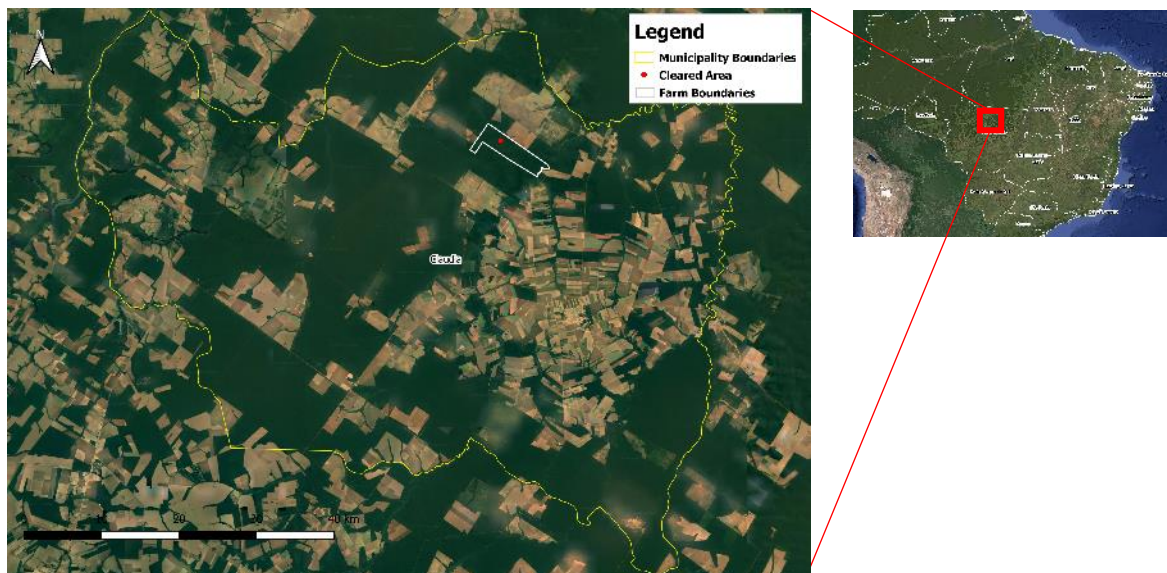
Estância São José is part of a cluster of farms named Fazenda Uirapuru in Feliz Natal, bordering the Xingu Indigenous Park. The farms belong to Flávio Braile Turquino and his family (1). He is the director of Campo Verde Trading BV, an agribusiness joint venture headquartered in Amsterdam (2). In 2013, he was chosen to coordinate the Department of Inspection of Products with Animal Origin (DIPOA) within the Ministry of Agriculture, but he stayed in the position for only one month (3). Turquino reportedly refused to take part in a corruption scheme coordinated by JBS directors, investigated under Operação Lava-Jato (4). In 2007, he was investigated with 47 other landowners for allegedly being involved with illegal logging inside the Xingu Indigenous Park in Mato Grosso (5).

Fazenda Uirapuru has a state registration for timber activities, forest plantation, cattle, as well as soy, corn, and rice cultivation (6). The farm is declared in the CAR under Agropecuária Benvinda, owned by the Turquino family (7).

The Turquino family's land is valued at about USD 18.5 million (8), and Turquino owns a warehouse inside the property with a capacity of 6,000 MT (9). Fazenda Uirapuru supplied soy to Feliz Natal Armazens Gerais Ltda Epp and C.Vale - Cooperativa Agroindustrial in 2019. Uirapuru Comercio de Lascas, a timber trade company headquartered at Fazenda Uirapuru, sold timber to Rama Madeiras Ltda, which indirectly supplies the US retailer Lumber Liquidators through Triangulo Pisos E Paineis Ltda (10).

- (1) <https://www.sefaz.mt.gov.br/cadastro/emissaocartao/emissaocartacontribuinteacessodireto>
- (2) <https://www2.senado.leg.br/bdsf/bitstream/handle/id/531254/noticia.html?sequence=1&isAllowed=y>
- (3) <https://www.canalrural.com.br/noticias/flavio-braile-turquino-sai-fiscal-ira-comandar-dipoa-26880/>
- (4) <https://oglobo.globo.com/brasil/citado-como-unico-recusar-esquema-na-lava-jato-teve-passagem-meteorica-na-agricultura-20955936>
- (5) <https://www.sonoticias.com.br/geral/justica-divulga-lista-de-47-prisoas-da-operacao-contra-extracao-ilegal-de-madeira-no-nortao/>
- (6) <https://www.sefaz.mt.gov.br/cadastro/emissaocartao/emissaocartacontribuinteacessodireto>
- (7) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.api/api/Publico/BuscarPdfRecibo/7136>
- (8) <https://www.americasquarterly.org/content/brazils-farmers-are-ready-boom-will-government-let-it-happen>
- (9) Sicarm
- (10) Undisclosed sources

Property Location



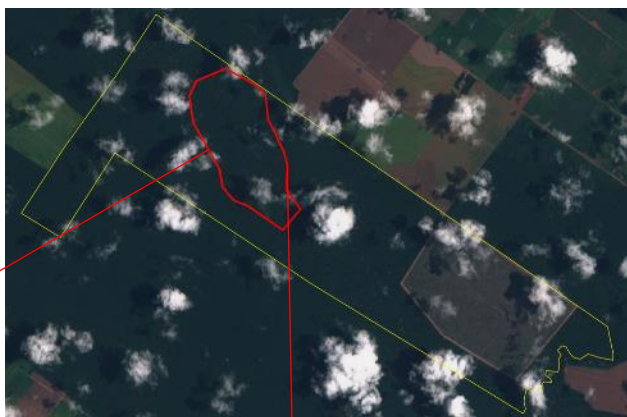
Yellow border – boundary of Cláudia (Mato Grosso) / White border – boundary of Fazenda Socreppa / Red dot – location of cleared area

Alert Imagery (before and after clearance)

04 Oct 2019

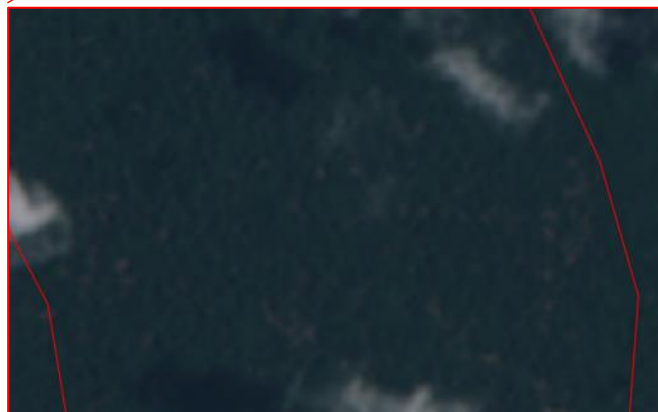


16 Feb 2020



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

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



4. Fazenda Socreppa (Cláudia)

General Information		
Property; Registry	Fazenda Socreppa	9012451039777
Size (ha); Coordinates	2,258	-11.31157, -54.95465
Land Clearance		
Period of clearing	04 Oct 2019 to 16 Feb 2020	
Size (ha); Coordinates	298	-11.30033, -54.96558
Inside Forest Code protected areas	Yes	298 ha inside declared Legal Reserve
Type of vegetation	Semidecidual Seasonal Forest	
Legal Status		
Embargoes	No	-
Environmental fines	No	-
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	Very high	
Ownership		
Company group	Not identified	
Other linked properties	6 other properties totaling at least 3,838 ha, all in Cláudia - MT: Fazenda Chácara Kurten (23 ha), Fazenda Santa Ana (ha unknown), Fazenda Berticelli (ha unknown), Fazenda Palmeirinha / Perímetro (1,526 ha), Fazenda Santa Maria (1,831 ha), and Fazenda ABC Lotes 11, 12, 15 and 16 (485 ha)	
Supply Chain		
Main commodity	Multiple	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	COFCO (41%), Sodrugestvo (38%), Cargill (10%), ADM
	Warehouses within 50 km radius	19 warehouses, e.g.: 1 warehouse owned by Cargill (720,000 MT) and 2 warehouses owned by COFCO (65,338 MT)
	Supply chain details	-
Beef	Main traders in municipality	JBS (56%), Marfrig (32%), CP Comercial (6%) and others (6%)
	Slaughterhouses sourcing from municipality	6 different beef processors sourced cattle from Cláudia in 2019, e.g.: 2 owned by JBS (Diamantino - MT and Juara - MT) and 2 owned by Vale Grande (Matupá - MT and Nova Canaã do Norte - MT)
	Supply chain details	-
Other supply chain details	Fazenda Socreppa supplied timber to several sawmills	

Fazenda Socreppa is not registered in the CAR (1) and therefore does not comply with the Forest Code (coordinates of the property in the CAR Mato Grosso website: -54:57:44, -11:18:16). While the farm is registered under Luiz Socreppa in the older land registration system (SNCI), currently Altamir Kurten holds a state permit to develop timber extraction activities on this property (2). From December 2019 to February 2020, he sold timber from Fazenda Socreppa to several sawmills (3). Altamir Kurten is currently the mayor of Cláudia (4), and he owns several other properties in the municipality, including Fazenda Chácara Kurten (soy), Fazenda Santa Ana (soy and rice), and Fazenda Berticelli (timber extraction) (5).

(1) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.app/publico/car>

(2) Prorrogação da Autorização para Exploração Florestal-PMFS

(3) Undisclosed source

(4) <https://portal.claudia.mt.gov.br/tag/prefeito-altamir-kurten>

(5) <https://sigef.incra.gov.br/consultar/parcelas>

Property Location



Yellow border – boundary of União do Sul (Mato Grosso) / White border – boundary of Fazenda São Pedro I / Red dot – location of cleared area

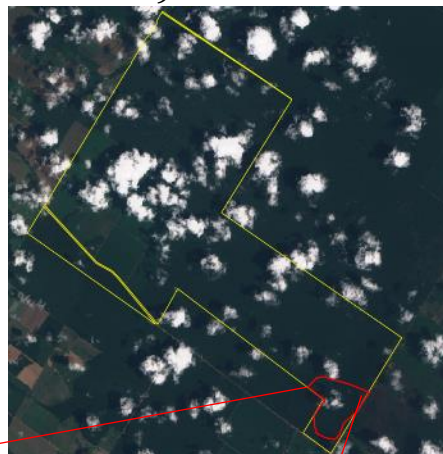
Alert Imagery (before and after clearance)

04 Oct 2019



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

08 Dec 2019



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



5. Fazenda São Pedro I (União do Sul)

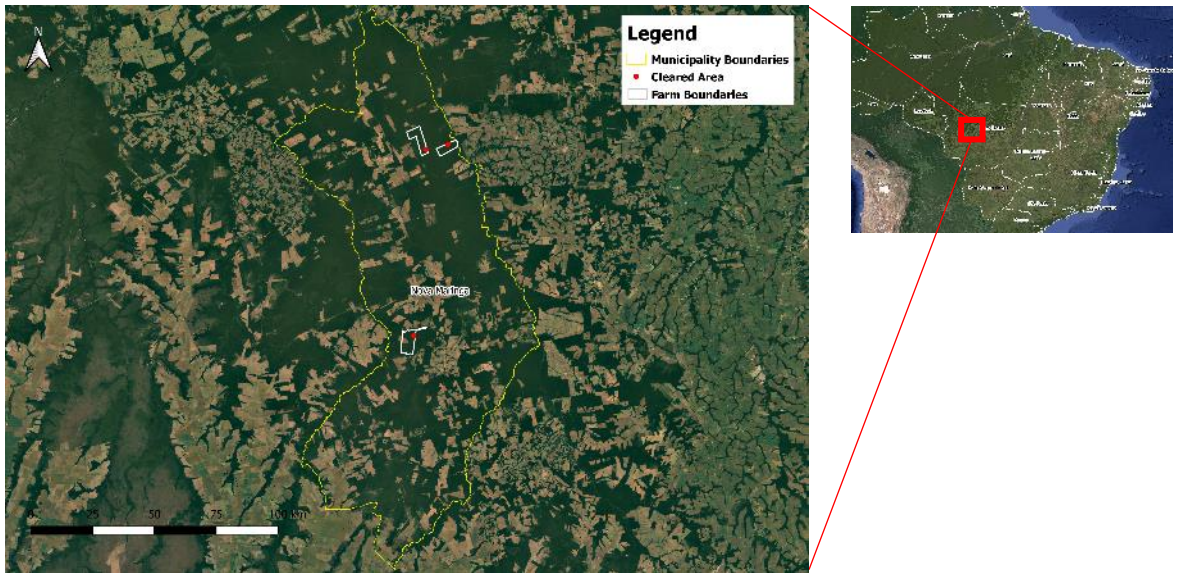
General Information		
Property; Registry	Fazenda São Pedro I	9010322846450
Size (ha); Coordinates	6,331	-11.57055, -54.63372
Land Clearance		
Period of clearing	04 Oct to 08 Dec 2019	
Size (ha); Coordinates	215	-11.62329, -54.59740
Inside Forest Code protected areas	Yes	215 ha inside declared Legal Reserve
Type of vegetation	Semidecidual Seasonal Forest	
Legal Status		
Embargoes	No	-
Environmental fines	Yes	Illegal use of fire (2017); sale of timber without prove of legal origin (2012) BRL 195,000 / BRL 13,500
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity	High	
Ownership		
Company group	Not identified	
Other linked properties	3 other properties totaling 5,566 ha: Fazenda Tres Porteiras (957 ha) in Sananduva - RS, Fazenda Boa União (3,669 ha) in Caarapó - MS, Fazenda Forteleza (940 ha) in Coronel Domingos Soares - PR	
Supply Chain		
Main commodity	Soy	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	Amaggi (70%), Multigrain (22%) and Bunge (8%)
	Warehouses within 50 km radius	29 warehouses, e.g.: 1 warehouse owned by Cargill (720,000 MT) and 3 warehouses owned by COFCO (148,000 MT)
	Supply chain details	Fazenda São Pedro I sold soy to Cofco in 2019
Beef	Main traders in municipality	JBS (76%), Marfrig (22%) and others (12%)
	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)
	Supply chain details	Linked property Fazenda Boa União (Juti - MS) indirectly supplied JBS in Naviraí - MT in 2018
Other supply chain details	Fazenda São Pedro I supplied timber to several local sawmills in Mato Grosso in 2019	

Fazenda São Pedro I is registered to have activities in timber extraction as well as soy, corn, and rice cultivation. This farm supplied soy to COFCO International Brasil S.A. in 2019 and timber to several local sawmills in Mato Grosso in 2019 (1). Although the owner of the farm died in a car accident in 2015 (2), the property is still registered under the name of the deceased owner, and the family owns multiple properties in Mato Grosso (3). With a self-declared property size of 7,020 ha in the CAR (4), the farm was declared to be larger than the registered area of 6,254 ha in the official SIGEF system (5).

This farm received two environmental fines: one for the illegal use of fire on 189 ha in 2017, and one for the sale of timber without proof of legal origin (6). In 2017, the Prosecutors Office issued a lawsuit linked to environmental pollution against the owner, but the case was dismissed due to his death (7). In the past, the owner and his son appeared in a list of debtors with the Brazilian state who donated to political campaigns, with accrued debts of BRL 4.29 million (8, 9).

- (1) Undisclosed sources
- (2) <https://www.diariodoscamos.com.br/noticia/acidente-com-veiculo-de-pg-provoca-quatro-mortes>
- (3) <https://www.jusbrasil.com.br/diarios/105584243/djms-03-12-2015-pg-316>
- (4) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.app/publico/mapa>
- (5) https://sigef.incra.gov.br/consultar/parcelas/?termo=&pesquisa_avancada=True&cpf_cnpj=&proprietario=armando+broch&ens=&matricula=&codigo=&protocolo=&credenciado=&vertice=&sncr=
- (6) <https://servicos.ibama.gov.br/ctf/publico/areasembargadas/ConsultaPublicaAreasEmbargadas.php>
- (7) Lawsuit 2891-09.2017.811.0101, consulted at <http://servicos.tjmt.jus.br/processos/comarcas/listaProcesso.aspx>
- (8) <https://multimidia.gazetadopovo.com.br/media/info/2017/201709/devedores-da-uniao-doaram-a-deputados.pdf>
- (9) <http://meucongressonacional.com/eleicoes2014/empresa/KWIWXIIXIKJ>

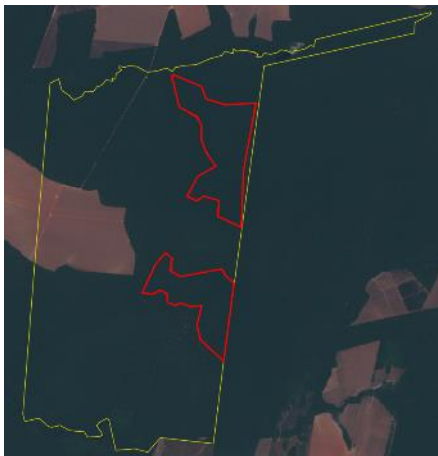
Property Location



Yellow border – boundary of Nova Maringá (Mato Grosso) / White border – boundary of Fazenda Primavera I, II, III, IV, V and VI / Red dot – location of cleared area

Alert Imagery (before and after clearance)

04 Oct 2019

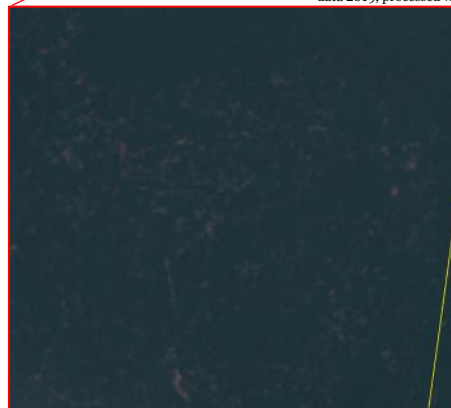


Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

01 Feb 2020



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



6. Fazenda Primavera I, II, III, IV, V and VI (Nova Maringá)

General Information		
Property; Registry	Fazenda Primavera I, II, III, IV, V and VI	-
Size (ha); Coordinates	5,004	-12.94199, -57.22863
Land Clearance		
Period of clearing	04 Oct 2019 to 01 Feb 2020	
Size (ha); Coordinates	659	-12.93053, -57.21011
Inside Forest Code protected areas	Yes	659 ha inside declared Legal Reserve
Type of vegetation	Ombrophilous Open Forest	
Legal Status		
Embargoes	No	-
Environmental fines	No	-
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	Very high	
Ownership		
Company group	Not identified	
Other linked properties	7 other properties totaling 2,790 ha, all in Nova Maringá - MT: Fazenda Primavera VII to XIII	
Supply Chain		
Main commodity	Soy	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	ADM (50%), COFCO (9%) and domestic consumption (41%)
	Warehouses within 50 km radius	17 warehouses, e.g.: 2 warehouses owned by COFCO (38,000 MT)
	Supply chain details	One of the claiming owners has an active state registration for soy cultivation at Fazenda Reunidas Primavera, and supplied soy and corn to Bunge and Coocami in 2018 and 2019
Beef	Main traders in municipality	JBS (50%), Marfrig (20%), Minerva (8%), Naturafrig (4%) and others (9%)
	Slaughterhouses sourcing from municipality	13 different beef processors sourced cattle from Nova Maringá in 2019, e.g.: 2 owned by JBS (Diamantino - MT and Juara - MT), 1 owned by Marfrig (Tangará da Serra - MT), 1 owned by Minerva (Várzea Grande - MT) and 1 owned by Naturafrig (Barra do Bugres - MT)
	Supply chain details	Fazenda Balsas directly supplied cattle to Sítio Sossêgo (Diamantino - MT)
Other supply chain details	-	

The 659 ha of deforestation falls in an area with two overlapping CAR registrations. The larger CAR-registered property is declared by Altevir José Martelli (1), who has a state registration for soy cultivation at Fazenda Reunidas Primavera. He supplied soy and corn from the farm under alert to Bunge and Coocami in 2018 and 2019 (2). (His relative Marcia Maria Pereira da Silva Martelli also has a state permit for soy production on Fazenda Reunidas Primavera.) The other person claiming ownership is José Napoleão de Oliveira (3), who is involved in cattle raising activities in the area. Both self-declared owners are involved in a long-term land dispute. In 2004, José Napoleão filed a lawsuit claiming Altevir invaded an area of 2,700 hectares belonging to him; José Napoleão intended to plant soy on this land (4). In recent years, the court decided in his favor, but Altevir appealed the case to the Superior Tribunal de Justiça (5). The case is still pending.

(1) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.api/api/Publico/BuscarPdfRecibo/67204>

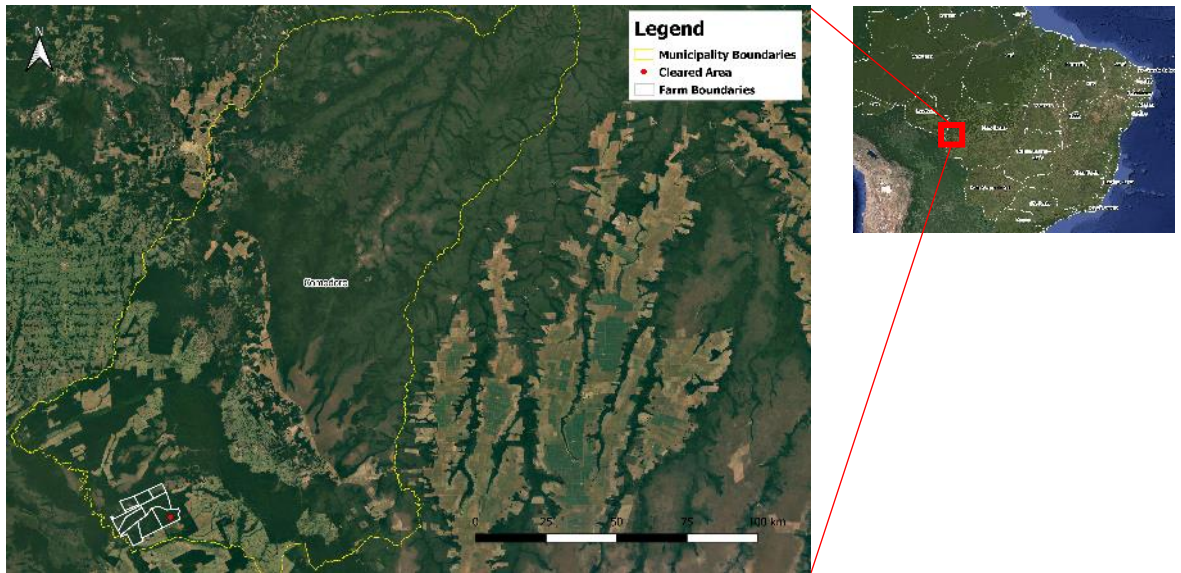
(2) Undisclosed source

(3) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.api/api/Publico/BuscarPdfRecibo/88274>

(4) Lawsuit 372-28.2004.811.0033

(5) stj.jus.br nº 1756545

Property Location



Yellow border – boundary of Comodoro (Mato Grosso) / White border – boundary of Fazenda Nova Guaporé - 12 Lote 1.3 / Red dot – location of cleared area

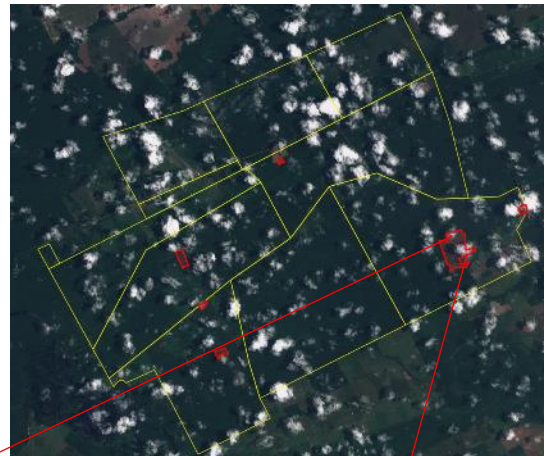
Alert Imagery (before and after clearance)

25 Oct 2019



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

27 Feb 2020



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



7. Fazenda Nova Guaporé - 12 Lote 1.3 (Comodoro)

General Information		
Property; Registry	Fazenda Nova Guaporé - 12 Lote 1.3	9510804423215
Size (ha); Coordinates	29,536	-13.97135, -60.23253
Land Clearance		
Period of clearing	25 Oct 2019 to 17 Feb 2020	
Size (ha); Coordinates	265	-13.94856, -60.19226
Inside Forest Code protected areas	Yes	265 ha inside declared Legal Reserve
Type of vegetation	Lowland Semi Deciduous Seasonal Forest	
Legal Status		
Embargoes	No	-
Environmental fines	No	-
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	Very high	
Ownership		
Company group	Nova Guaporé Agrícola	
Other linked properties	9 other properties totaling 21,012 ha, all in Comodoro - MT under the name of Fazenda Guaporé; 1 property in Porto Esperidião - MT (Fazenda Ouro Verde, ha unknown)	
Supply Chain		
Main commodity	Multiple	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	Cargill (37%), ADM (14%), Amaggi (3%), others (5%) and domestic consumption (41%)
	Warehouses within 50 km radius	6 warehouses, e.g.: 1 warehouse owned by Valdemar Mansueto Zanella (36,000 MT)
	Supply chain details	-
Beef	Main traders in municipality	JBS (65%), Minerva (18%), Marfrig (9%) and others (8%)
	Slaughterhouses sourcing from municipality	9 different beef processors sourced cattle from Comodoro in 2019, e.g.: 6 owned by JBS (Barra do Bugres - MT, Campo Novo do Parecis - MT, Diamantino - MT, Mirassol d'Oeste - MT, Pontes e Lacerda - MT, Várzea Grande - MT), 1 owned by Marfrig (Pontes e Lacerda - MT), 1 owned by Minerva (Mirassol d'Oeste - MT), and 1 owned by Naturafrig (Barra do Bugres - MT)
	Supply chain details	Fazenda Nova Guaporé indirectly supplied JBS in Diamantino - MT in 2019, JBS in Pontes E Lacerda - MT in 2018 and Marfrig in Tangará Da Serra - MT in 2019, all through Fazenda Rafaela (Sapezal - MT)
Other supply chain details	-	

7. Fazenda Nova Guaporé - 12 Lote 1.3 (Comodoro)

Fazenda Nova Guaporé - 12 Lote 1.3 is self-declared by Nova Guaporé Agrícola Ltda in the CAR (1). The company produces soy, rice, and cotton, and is involved in both cattle raising and logging activities (2). One of its main owners, Walter Faria, is a well-known Brazilian businessman. He also owns Grupo Petropolis, one of the largest beer companies in Brazil (3). In total, he is associated with 191 companies in Brazil and has an estimated net worth of BRL 144 billion (4). Faria was investigated and arrested as part of the Lava Jato investigation (5), and he is also under investigation for money laundering connected to cattle purchases and sales between 2003 and 2015 (6).

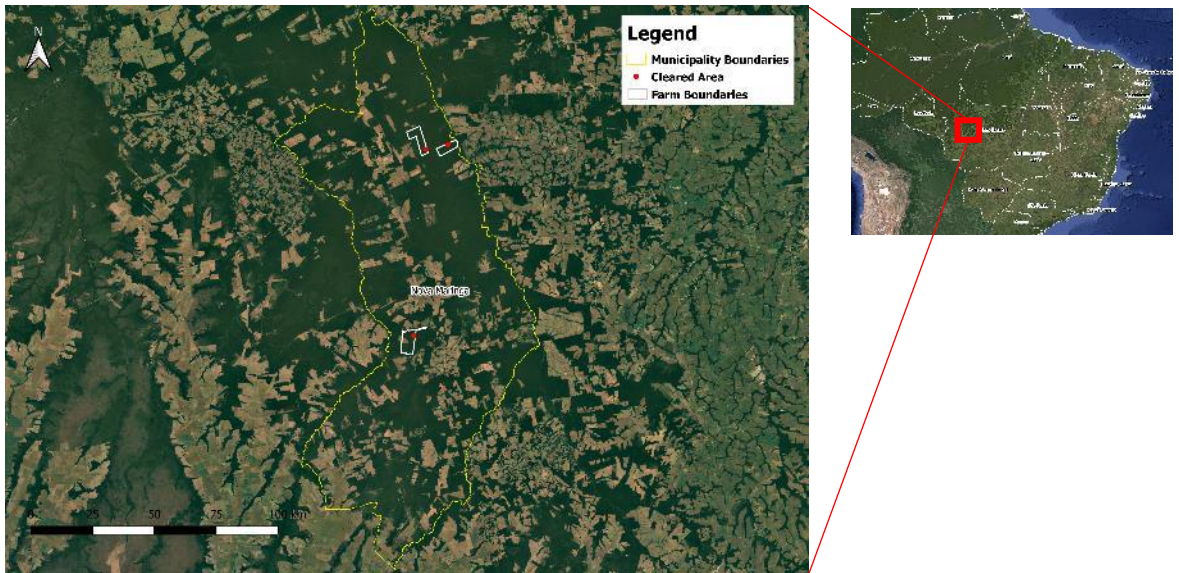
Within SIGEF, Fazenda Guaporé — including nine parcels totalling 21,012 ha — is registered under Zuquetti e Marzola Participacoes e Representacoes Ltda (7), which is owned by Walter Faria and Giulia Faria (8).

Fazenda Nova Guaporé moved cattle to Fazenda Rafaela (owned by a Maggi family member), which supplied JBS in Diamantino in 2019, JBS in Pontes E Lacerda in 2018, and Marfrig in Tangará Da Serra in 2019.

- (1) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.app/publico/car>
- (2) <http://cnpj.info/30315206000171>
- (3) https://pt.wikipedia.org/wiki/Walter_Faria
- (4) <https://www.vercnpj.com/nome/walter-faria?page=4>
- (5) <https://www.poder360.com.br/lava-jato/justica-impoe-fianca-de-r-40-milhoes-para-soltar-dono-do-grupo-petropolis>
- (6) <https://deolhonoruralistas.com.br/2018/09/12/rio-picciani-e-sua-familia-de-pecuaristas-reina-no-estado-dos-ruralistas-sem-terra/>
- (7) https://sigef.incra.gov.br/consultar/parcelas/?termo=&pesquisa_avancada=True&cpf_cnpj=&proprietario=&cns=&matricula=&codigo=&protocolo=&credenciado=&vertice=&sncr=9510804423215
- (8) <https://consultacnpj.com/cnpj/zuquetti-e-marzola-participacoes-e-representacoes-ltda-08333512000181>

8. Fazenda Beira Rio and Beira Rio II (Nova Maringá)

Property Location



Yellow border – boundary of Nova Maringá (Mato Grosso) / White border – boundary of Fazenda Beira Rio and Beira Rio II / Red dot – location of cleared area

Alert Imagery (before and after clearance)

26 Nov 2019

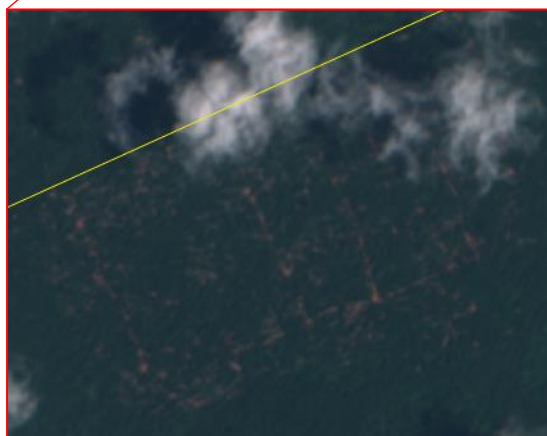


Source: European Union, contains modified Copernicus Sentinel data 2019, processed with EO Browser

01 Feb 2020



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



8. Fazenda Beira Rio and Beira Rio II (Nova Maringá)

General Information			
Property; Registry	Fazenda Beira Rio and Beira Rio II	9011721030479	
Size (ha); Coordinates	1,339	-12.22856, -57.08467	
Land Clearance			
Period of clearing	26 Nov 2019 to 01 Feb 2020		
Size (ha); Coordinates	193	-12.21522, -57.08137	
Inside Forest Code protected areas	Yes	193	ha inside declared Legal Reserve
Type of vegetation	Ombrophilous Open Forest		
Legal Status			
Embargoes	No	-	
Environmental fines	No	-	-
Natural Reserves	No	-	
Indigenous Lands	No	-	
Priority for biodiversity conservation	Very high		
Ownership			
Company group	Agropecuária Lobetos		
Other linked properties	Not identified		
Supply Chain			
Main commodity	Multiple		
Confirmed supply chain relation	No		
Soy	Main traders in municipality	ADM (50%), COFCO (9%) and domestic consumption (41%)	
	Warehouses within 50 km radius	10 warehouses, e.g.: 4 warehouses owned by W. Pastro e Cia (44,455 MT)	
	Supply chain details	-	
Beef	Main traders in municipality	JBS (50%), Marfrig (29%), Minerva (8%), Naturafri (4%) and others (9%)	
	Slaughterhouses sourcing from municipality	13 different beef processors sourced cattle from Nova Maringá in 2019, e.g.: 2 owned by JBS (Diamantino - MT and Juara - MT), 1 owned by Marfrig (Tangará da Serra - MT), 1 owned by Minerva (Várzea Grande - MT) and 1 owned by Naturafri (Barra do Bugres - MT)	
	Supply chain details	-	
Other supply chain details	-		

The current deforestation in this farm is likely linked to logging, since the owners of Agropecuária Lobetos Ltda have investments in several timber companies, including Madeireira Martins, Madeireira São Paulo and NF Industria e Comércio de Cavacos (1, 2). Once the forest is logged, soy production will likely follow, since the principle economic activity of Agropecuário Lobetos Ltda is soy cultivation (3), next to rice and wheat production. Recently, one of the company's owners requested a state registry for soy cultivation in his farm Fazenda Nossa Senhora Aparecida I in Nova Maringá. We could not verify whether this is the same farm as the farm under alert, Fazenda Beira Rio I and II (farms sometimes have distinct names in different registration systems). Both father and son who own Agropecuária Lobetos Ltda are linked to multiple environmental crimes, including flora destruction and falsification of public documents (4,5,6).

(1) <http://www.sociosbrasil.com/nome/ailton-orlando-serra>

(2) <https://www.consultasocio.com/q/sa/nilton-orlando-serra>

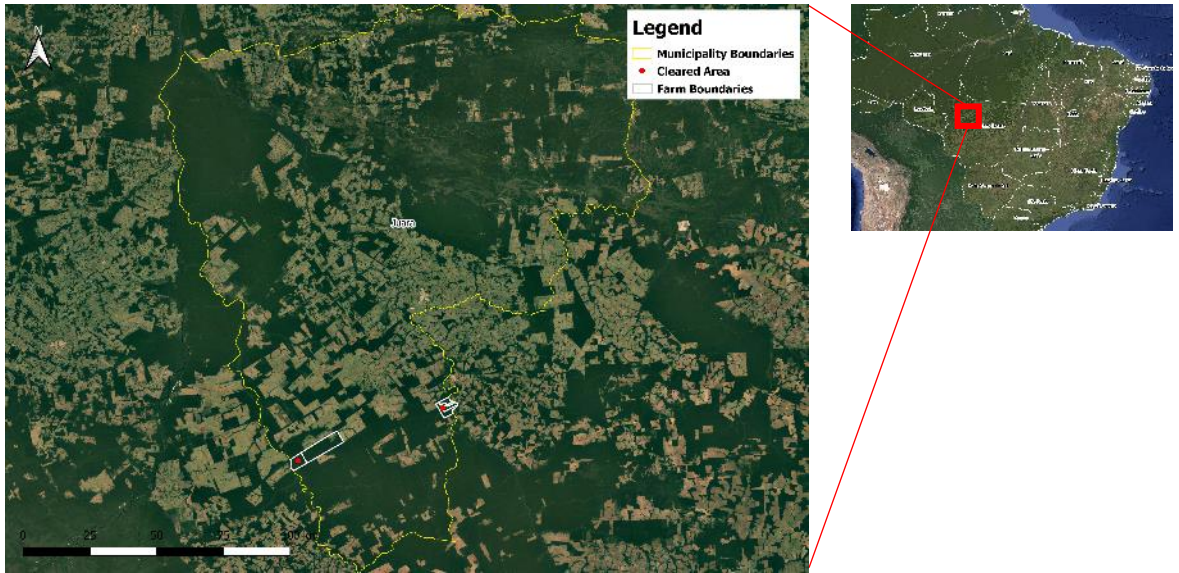
(3) <https://www.consultascnpj.com/agropecuaria-lobetos-ltda/24754070000101>

(4) <https://www.mpmt.mp.br/transparencia/includes/simpweb-det-view.php?action=consultar&protocolo=000623-086/2016>

(5) https://www.iomat.mt.gov.br/apifront/portal/edicoes/publicacoes_ver_conteudo/760791

(6) https://edj.trf1.jus.br/edj/bitstream/handle/123/19121/Cadernos_JUD_MT_2019-07-24_XI_136.pdf?sequence=1&isAllowed=y

Property Location



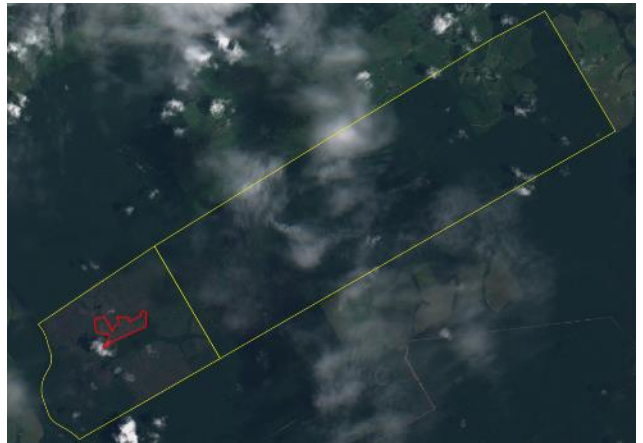
Yellow border – boundary of Juara (Mato Grosso) / White border – boundary of Fazenda Nossa Senhora Aparecida – Parte 2 – Fazenda da Riva / Red dot – location of cleared area

Alert Imagery (before and after clearance)

01 Nov 2019



30 Jan 2020



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

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

9. Fazenda Nossa Senhora Aparecida - Parte 2 Amazon / Fazenda da Riva (Juara) biome

General Information		
Property; Registry	Fazenda Nossa Senhora Aparecida - Parte 2 / Fazenda da Riva	9013930001675
Size (ha); Coordinates	2,428	-11.82546, -57.94155
Land Clearance		
Period of clearing	01 Nov 2019 to 30 Jan 2020	
Size (ha); Coordinates	72	-11.82159, -57.94047
Inside Forest Code protected areas	Yes	72 ha inside declared Legal Reserve
Type of vegetation	Ombrophilous Open Forest	
Legal Status		
Embargoes	Yes	Part of farm embargoed since 2015
Environmental fines	Yes	Illegal deforestation of 114 ha in Legal Reserve in 2015 and one fine in 2018 (no details) BRL 570,300 (2015)
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	Extremely high	
Ownership		
Company group	Fazenda da Riva Participações	
Other linked properties	4 other properties totalling at least 14,736 ha. In Juara - MT: Fazenda Nossa Senhora Aparecida - Part 1 (7,587 ha) and Fazenda Recanto Sertanejo (4,223 ha). In Porto dos Gaúchos - MT: Fazenda Piracucu I (2,926 ha). In Tabaporã - MT: Fazenda Nossa Senhora Aparecida II (ha unknown)	
Supply Chain		
Main commodity	Unknown	
Confirmed supply chain relation	No	
Soy	Main traders in municipality	ADM (55%) and domestic Consumption (45%)
	Warehouses within 50 km radius	8 warehouses, e.g.: 2 warehouses owned by Cortese Agropecuária (494,120 MT)
	Supply chain details	-
Beef	Main traders in municipality	JBS (56%), Marfrig (25%), Minerva (8%) and others (11%)
	Slaughterhouses sourcing from municipality	20 different beef processors sourced cattle from Juara in 2019, e.g.: 3 owned by JBS (Diamantino - MT, Juara - MT and Juina - MT), 1 owned by Marfrig (Tangará da Serra - MT) and 1 owned by Minerva (Várzea Grande - MT)
	Supply chain details	Fazenda Nossa Senhora Aparecida II (similar ownership) in Tabaporã - MT directly supplied Sítio Água Limpa who in turn supplied many other farmers
Other supply chain details	-	

We detected 223 ha of deforestation on Fazenda Nossa Senhora Aparecida in March 2019, bringing the total clearing of native vegetation to 295 ha between March 2019 and February 2020.

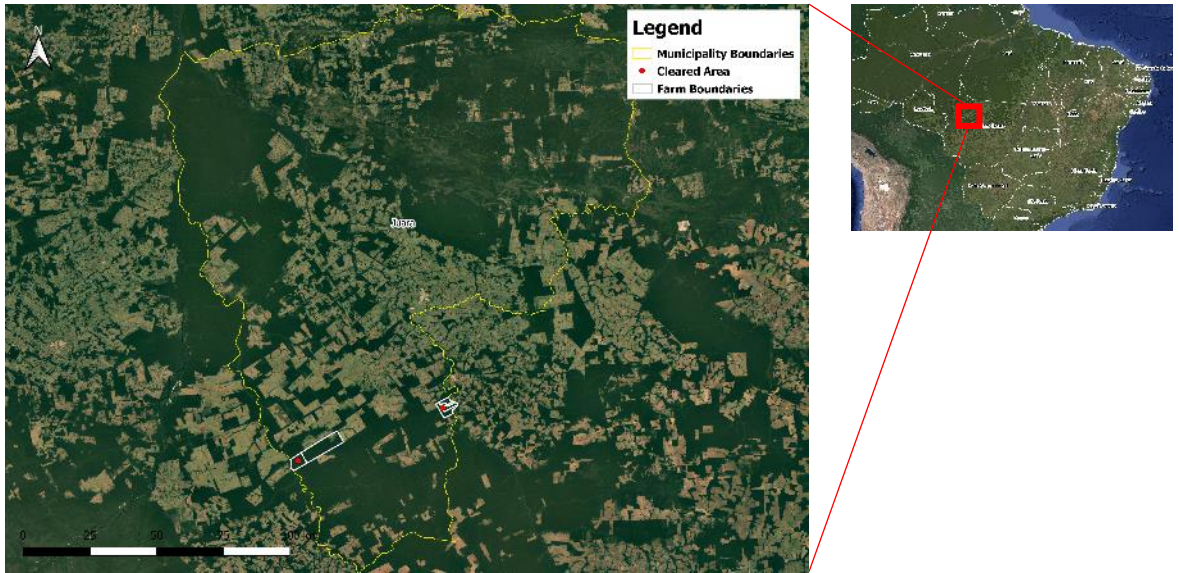
Information from a real estate website indicates that (deceased) Espólio de Alvaro Coelho sold the property to José Carlos Cândido more than one year ago (1). This seems to be confirmed in the CAR, where Cândido self-declared Fazenda Nossa Senhora Aparecida under his name in January 2020 (2). Cândido was fined by SEMA-MT, the state level environmental authority, in December 2018. The GPS coordinates of the fine match the perimeter of Fazenda Nossa Senhora Aparecida (3). Fazenda Nossa Senhora Aparecida was featured several times in the lists of embargoed areas from the Secretariat of Environment of Mato Grosso (4-7).

While the farm is named “Fazenda da Riva” in the previously mentioned real estate advertisement (1), the accompanying photos point to similar geospatial limits of Fazenda Nossa Senhora Aparecida. Fazenda da Riva is linked to the company Fazenda da Riva Participações Ltda, which is a holding company controlled by the relatives of the deceased Alvaro Coelho (8).

José Carlos Cândido also recently cleared 40 ha in his farm Fazenda N'Arinos in Juara. He is involved in cattle ranching on Fazenda Nossa Senhora Aparecida II in Tabaporã. We could not confirm whether this is the same farm as the farm under alert, since the municipalities do not match.

- (1) <https://www.imovelweb.com.br/propriedades/leilao-de-fazenda-7.570-ha-juara-mt-2932053413.html>
- (2) <https://monitoramento.sema.mt.gov.br/simcar/tecnico.app/publico/car>
- (3) <https://www.iomat.mt.gov.br/portal/visualizacoes/pdf/15491/#/p:46/e:15491>
- (4) www.rdnews.com.br/download.php?id=62136
- (5) <https://www.jusbrasil.com.br/diarios/7322841/pg-37-diario-oficial-do-estado-do-mato-grosso-doemt-de-25-03-2010>
- (6) <https://www.jusbrasil.com.br/diarios/206691267/doemt-31-08-2018-pg-48>
- (7) <https://www.jusbrasil.com.br/diarios/152175213/doemt-03-07-2017-pg-81>
- (8) <http://cnpj.info/Fazenda-da-Riva-Participacoes-Ltda>

Property Location



Yellow border – boundary of Juara (Mato Grosso) / White border – boundary of Fazenda 4N da Esperança / Red dot – location of cleared area

Alert Imagery (before and after clearance)

21 Nov 2019



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

14 Feb 2020



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



10. Fazenda 4N da Esperança (Juara)

General Information		
Property; Registry	Fazenda 4N da Esperança	9010401052010
Size (ha); Coordinates	1,075	-11.63602, -57.42326
Land Clearance		
Period of clearing	21 Nov 2019 to 14 Feb 2020	
Size (ha); Coordinates	293	-11.63968, -57.44360
Inside Forest Code protected areas	Yes	99 ha inside declared Legal Reserve
Type of vegetation	Ombrophilous Open Forest	
Legal Status		
Embargoes	No	-
Environmental fines	No	-
Natural Reserves	No	-
Indigenous Lands	No	-
Priority for biodiversity conservation	Extremely high	
Ownership		
Company group	Acrivale - Associação dos Criadores do Vale do Arinos	
Other linked properties	7 other properties totaling unknown amount of ha. In Novo Horizonte Do Norte - MT: Fazenda Sete Irmãos (ha unknown), Fazenda Sete Irmãos I (ha unknown), and Fazenda Noslen Bonfim Junyor (ha unknown). In Juara - MT: Fazenda 4N da Esperança (2,776 ha) and Fazenda 4N da Esperança Parte 1 (926 ha), 2 (1,493 ha) and 3 (357 ha)	
Supply Chain		
Main commodity	Beef and Soy	
Confirmed supply chain relation	Yes	
Soy	Main traders in municipality	ADM (55%) and domestic Consumption (45%)
	Warehouses within 50 km radius	9 warehouses, e.g.: 2 warehouses owned by Sipal Indústria e Comércio (45,839 MT)
	Supply chain details	Fazenda Sete Irmãos (similar ownership) in Novo Horizonte do Norte - MT supplied soy to Agrocat Distribuidora De Insumos Agricolas Ltda and Mocellin Agrocomercio De Insumos Ltda in 2019, and to Cereali Agronegocios Eireli in 2018
Beef	Main traders in municipality	JBS (56%), Marfrig (25%), Minerva (8%) and others (11%)
	Slaughterhouses sourcing from municipality	20 different beef processors sourced cattle from Juara in 2019, e.g.: 3 owned by JBS (Diamantino - MT, Juara - MT and Juina - MT), 1 owned by Marfrig (Tangará da Serra - MT) and 1 owned by Minerva (Várzea Grande - MT)
	Supply chain details	Fazenda 4N da Esperança indirectly supplied JBS (Juara - MT), through Fazenda Sete Irmãos (similar ownership) in Novo Horizonte do Norte - MT in 2019
Other supply chain details	-	

The owner of this farm is involved in both soy and cattle production. He is also President of Acrivale, a cattle breeder's association (1, 2). Fazenda 4N da Esperança indirectly supplied JBS through Fazenda Sete Irmãos (similar ownership) in 2019. Since the owner of Fazenda 4N da Esperança and the family members that self-declared ownership in the CAR have no active state permits to produce or trade on Fazenda 4N da Esperança, it is likely that the farm is used for cattle fattening and the cattle is then transferred to Fazenda Sete Irmãos. The latter farm also has an active permit for soy production and supplied soy to Agrocat Distribuidora de Insumos Agrícolas Ltda and Mocellin Agrocomércio de Insumos in 2019 and to Cereali Agronegocios in 2018. While one of the linked family members owning part of Fazenda 4N da Esperança obtained authorization for controlled burning inside Fazenda 4N da Esperança with a permit valid until November 2019 (3), the current deforestation alert falls outside this authorized area.

- (1) <https://www.showdenoticias.com.br/noticia/juara-e-regiao/com-22-votos-a-favor-e-nenhum-contra-junior-bonfim-eleito-presidente-da-acrivale-para-o-binio-20192020>
- (2) <http://www.portaldoarinos.com.br/noticias/conteudo/presidente-da-acrivale-o-pecuarista-junior-bonfim-e-um-dos-investidores-do-vale-do-arinos/40802>
- (3) Undisclosed source

Glossary

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

Agrarian conflicts - Include conflicts on land tenure, for 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 happening without an authorization of the state or federal environmental agency or those that are inside a Legal Reserve or a Permanent Preservation Area (APP)

Natural Reserves - Officially recognized Natural Reserves areas according to the National System of Natural Reserves (SNUC – Sistema Nacional de Unidades de Conservação). The SNUC determines who administrates 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) administration defined as a heritage right of local Indigenous populations where any activity not linked to these groups are 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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