

December 2022

Realtime Deforestation Monitoring System 8



**Soy and cattle supply chains
Amazon and Cerrado Biomes - Brazil**



aid
environment

Aidenvironment develops **Realtime Deforestation Monitoring (RDM)** reports to engage companies and urge action towards real-time deforestation events, as well as to support civil society and financial sector stakeholders in their efforts to halt deforestation linked to commodity production and trade. In Brazil, recent increase of deforestation rates is mostly linked to the expansion of Soy and Cattle production within Amazon and Cerrado biomes.

The RDM report of December 2022 highlights cases that inside and surrounding two **Indigenous Territories**: Apyterewa (Parakanã) in São Félix do Xingu (Pará) and Urubu Branco (Tapirapé) in Confresa (Mato Grosso). Although economic activities inside Indigenous Territories are not allowed or regulated by the Brazilian law, there was a loss of 140 thousand hectares in these areas between 2019 and 2021 ([MapBiomass](#)). The RDM 8 includes 6 cases of deforestation linked to two Indigenous Territories totaling 4,117 hectares and 108 fire alerts. All the cases are in Amazon biome and cover deforestation between 01 January and 04 November 2022.

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Indigenous Territory Apyterewa (Parakanã)

Indigenous Territory Apyterewa (Parakanã)			
São Félix do Xingu, Pará		Amazon biome	
Area property (ha):	773,470	Indigenous population:	Parakanã people
Cleared Area			
10,437	hectares	Period clearance:	January to November 2022

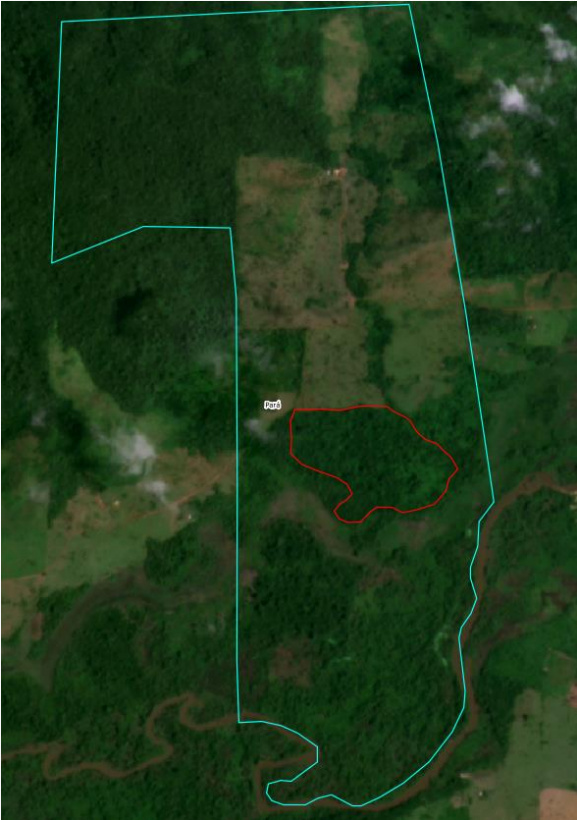

The Indigenous Territory Apyterewa was second in deforested area between 2018 and 2019 among all the Indigenous Territories in Brazil. A MapBiomas survey requested by Repórter Brasil shows that approximately 98% of the cleared native vegetation of the Indigenous Territory was covered by pasture for cattle raising (1). The area is being occupied illegally since 2007 when the territory was officially recognized by the Federal Government. In 2020, a group of illegal occupants promoted violent protests in the area (2). In 2021, there were some not confirmed news that the Federal Government authorized the reopening of the roads inside the Indigenous Territory to support invaders of the area (3). A recent report from Mongabay includes statements from Parakanã people affirming that the invasion and deforestation of the area increased after the Brazilian elections in October 2022, which confirmed the end of Bolsonaro's government on 31 December 2022 (4).



- (1) <https://reporterbrasil.org.br/2022/09/gado-criado-ilegalmente-em-terra-indigena-no-para-abastece-jbs-e-frigor/>
- (2) <https://g1.globo.com/pa/para/noticia/2020/11/19/invasores-de-terra-indigena-no-para-cercam-base-do-governo-federal-contra-acao-de-desintrusao.ghtml>
- (3) <https://anovademocracia.com.br/noticias/16228-pa-militar-autoriza-estrada-em-meio-a-ti-apyterewa>
- (4) https://news.mongabay.com/2022/12/in-brazils-amazon-land-grabbers-scramble-to-claim-disputed-indigenous-reserve/?mc_cid=9d2e135e9d&mc_eid=171f2a937d

Property	
Fazenda Sol Nascente	
São Félix do Xingu, Pará	Amazon biome
CAR: PA-1507300-185CD59C7DFA44CCA86561FC13FE8257	
Area property (ha): 1,953	Coordinates property: -52.32493, -5.74904
Cleared Area	
Coordinates clearance:	-52.31175, -5.76129
129 hectares	period clearance: Aug to Oct 2022
8 fires alerts	
Inside Forest Code's protected areas: Yes	20 ha inside declared Legal Reserve
Type of vegetation: Ombrophilous Dense Forest	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering):	Close by three nature conservation areas: Área de Proteção Ambiental Triunfo do Xingu, Parque Nacional da Serra do Pardo, and Reserva Extrativista Rio Xingu
Indigenous Territories (overlapping or bordering):	TI Apyterewa (Parakanã people)
Imagery: limits of the property (blue) limits of the cleared area (red)	
August 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	
October 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
Embargoes:	Yes	1 embargo for illegal clearance of native vegetation in Fazenda Sol Nascente in May 2022 (8 ha)		
Environmental fines:	Yes	1 environmental fine for illegal clearance of 8 ha of native vegetation inside the Indigenous Territory Apyterewa in May 2022 (Fazenda Sol Nascente)	BRL 54,000	
Ownership and other linked properties				
Ownership:	Antônio Borges Belfort			
Company group:	No linked company identified			
Linked properties:	1 linked property in São Félix do Xingu (PA): Fazenda Serra de Pedra (20 ha)			
Supply chain links				
Main Commodities		Beef		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium	Marfrig
Soy	Main exporters (municipality)	[Domestic consumption - 100%]		
	Warehouses (50 km radius)	-		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	Frigol (42%), Marfrig (35%), JBS (10%), Mercúrio Alimentos (5%), others (8%)		
	Slaughterhouses (sourcing from the municipality)	Supplies cattle to 23 different slaughterhouses, including: 5 owned by JBS (Eldorado do Carajás, Redenção, Santana do Araguaia, Carajás, and Tucumã, all in Pará), and 1 by Marfrig (Tucumã - PA)		
	Supply chain links & details:	Indirectly supplied Marfrig (Tucumã - PA) and Frigol (São Félix do Xingu - PA) in 2019 through the linked property Fazenda Serra de Pedra (São Félix do Xingu - PA)		
Other supply chain links and details:		-		
General comments				
<p>The linked property, Fazenda Serra de Pedra (São Félix do Xingu - PA), was identified in a Repórter Brasil report as being one of the suppliers of cattle to Marfrig (1). The same report shows cattle being transferred from an illegal occupation of the Indigenous Territory Apyterewa to the linked property Fazenda Serra da Pedra (São Félix do Xingu - PA). According to Marfrig and Frigol, there were no irregularities in this property productivity index (animal/hectare) when they bought cattle from it (2). The environmental Agency of Pará (SEMA-PA) cancelled the CAR declaration of Fazenda Sol Nascente because the property overlaps the Indigenous Territory Apyterewa (3).</p>				
<p>(1) https://reporterbrasil.org.br/2020/06/boi-pirata-criado-em-terra-indigena-e-a-conexao-com-frigorificos-marfrig-frigol-mercuro/</p> <p>(2) https://reporterbrasil.org.br/2020/06/integra-das-respostas-para-a-reportagem-sobre-gado-criado-em-terra-indigena/</p> <p>(3) https://monitoramento.semas.pa.gov.br/ldi/pesquisa/pesquisarComCar?codigoImovel=PA-1507300-185C.D59C.7DFA.44CC.A865.61FC.13FE.8257</p>				


Property	
Fazenda Fé em Deus	
São Félix do Xingu, Pará	Amazon biome
CAR: PA-1507300-106F138973F34632BB9B46B58C9A62D8	
Area property (ha): 647	Coordinates property: -52.15634, -6.00398
Cleared Area	
Coordinates clearance:	-53.15326, -6.00956
39 hectares	period clearance: Feb to Mar 2022
9 fires alerts	
Inside Forest Code's protected areas: No	- -
Type of vegetation: Ombrophilous Dense Forest	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering): Close by three nature conservation areas: Área de Proteção Ambiental Triunfo do Xingu, Parque Nacional da Serra do Pardo, and Reserva Extrativista Rio Xingu	
Indigenous Territories (overlapping or bordering): TI Apyterewa (Parakanã people)	
Imagery: limits of the property (blue) limits of the cleared area (red)	
February 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	
March 2022	
	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
Embargoes: No -				
Environmental fines: Yes		2 environmental fines for obstruct the investigation of environmental crimes inside the Indigenous Territory Apyterewa in December 2020		BRL 83,000
Ownership and other linked properties				
Ownership:		Adelson Costa da Cruz		
Company group:		No linked company identified		
Linked properties:		No other linked properties		
Supply chain links				
Main Commodities		Beef		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium	JBS
Soy	Main exporters (municipality)	[Domestic consumption - 100%]		
	Warehouses (50 km radius)	-		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	Frigol (42%), Marfrig (35%), JBS (10%), Mercúrio Alimentos (5%), others (8%)		
	Slaughterhouses (sourcing from the municipality)	Supplies cattle to 23 different slaughterhouses, including: 5 owned by JBS (Eldorado do Carajás, Redenção, Santana do Araguaia, Carajás, and Tucumã, all in Pará), and 1 by Marfrig (Tucumã - PA)		
	Supply chain links & details:	Indirectly supplied JBS (Tucumã - PA) and Frigol (São Félix do Xingu - PA) in 2019 through the property Fazenda Valdirene Pereira Gomes (São Félix do Xingu - PA)		
Other supply chain links and details:		-		
General comments				
<p>Adelson is the president of the 'Associação dos Pequenos Agricultores Rurais do Projeto Paredão', and led a movement against the expansion of the Indigenous Territory Apyterewa in 2011 (1). In 2020, he was cited in a report from FUNAI as someone that do not support the invasion of land grabbers in the territory (2). The Environmental Agency of Pará (SEMA - PA) cancelled the CAR declaration of Fazenda Fé com Deus because the property is inside the Indigenous Territory Apyterewa (3).</p>				
<p>(1) https://www.zedudu.com.br/colonos-da-regio-apyterewa-interditam-a-pa-279-em-ourilndia-do-norte/ (2) https://www.camara.leg.br/proposicoesWeb/prop_mostrarintegra;jsessionid=node0a4path1kti831b54cuu2uecb44149519.node0?codteor=1958704&filename=Tramitacao-RIC+1646/2020 (3) https://monitoramento.semas.pa.gov.br/ldi/pesquisa/pesquisarComCar?codigolmovel=PA-1507300-106F.1389.73F3.4632.BB9B.46B5.8C9A.62D8</p>				

Property			
Sítio Montes Claros			
São Félix do Xingu, Pará		Amazon biome	
CAR: PA-1507300-019775FF13114853BE37E1BFB2BCAF3B			
Area property (ha): 189		Coordinates property: -52.13172, -5.94987	
Cleared Area			
Coordinates clearance:		-52.12856, -5.95242	
34 hectares		period clearance: Mar to Oct 2022	
- fires alerts			
Inside Forest Code's protected areas: Yes		30 ha inside declared Legal Reserve	
Type of vegetation:	Ombrophilous Dense Forest	Priority for Biodiversity Conservation:	No
Conservation area(s) (overlapping or bordering):		Close by three nature conservation areas: Área de Proteção Ambiental Triunfo do Xingu, Parque Nacional da Serra do Pardo, and Reserva Extrativista Rio Xingu	
Indigenous Territories (overlapping or bordering):		TI Apyterewa (Parakanã people)	


Imagery: limits of the property (blue) limits of the cleared area (red)

March 2022



Source: Imagery ©2022 Planet Labs Inc.

October 2022



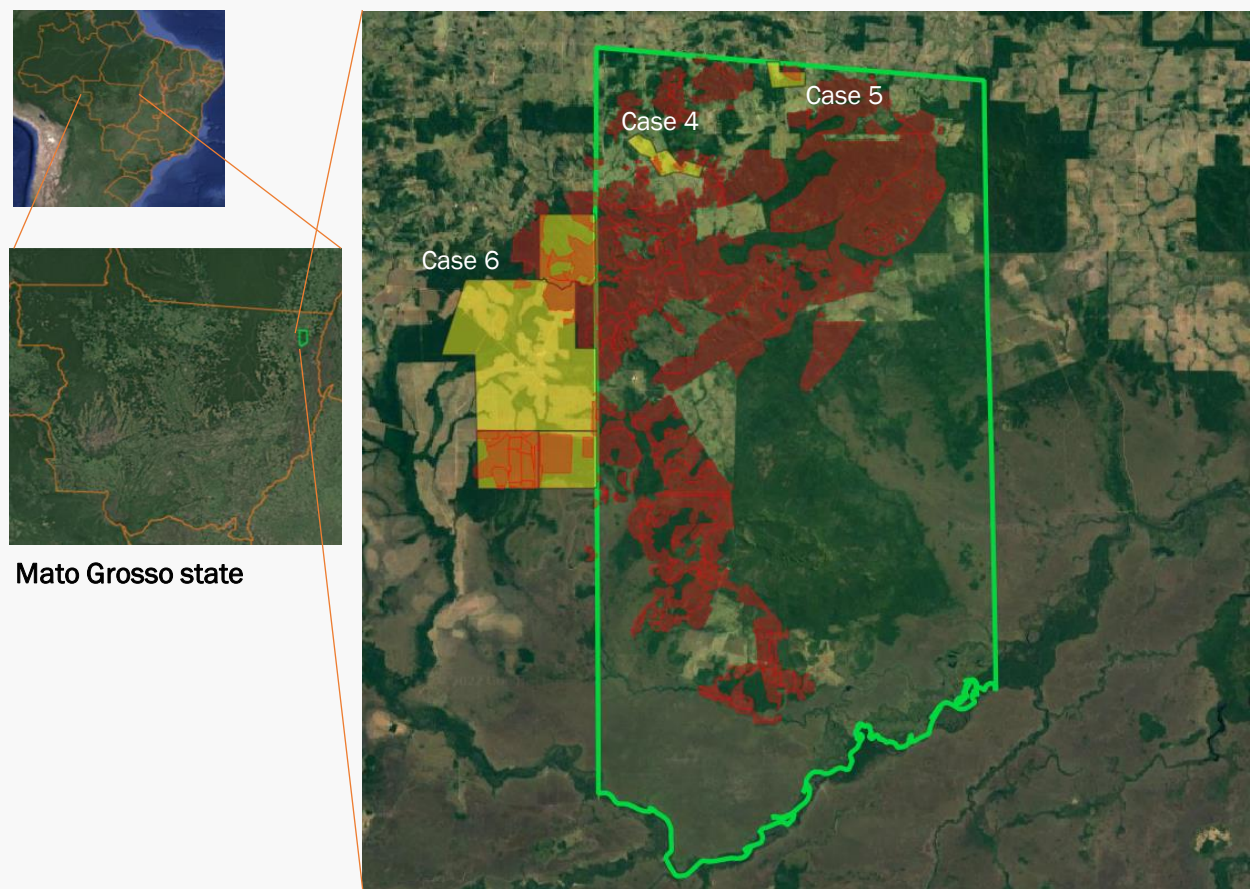
Source: Imagery ©2022 Planet Labs Inc.

Environmental fines and embargoes				
Embargoes:		No	-	
Environmental fines:		No	-	-
Ownership and other linked properties				
Ownership:		José Walter Fonseca		
Company group:		JW Fonseca Agronegócio (not active for not presenting tax declarations) (CNPJ: 09.596.431/0001-37)		
Linked properties:		Other 2 linked properties in São Félix do Xingu (PA): Sítio Montes Fonseca (unknown area), Fazenda Caçu (unknown area)		
Supply chain links				
Main Commodities		Beef		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium	JBS, Marfrig
Soy	Main exporters (municipality)	[Domestic consumption - 100%]		
	Warehouses (50 km radius)	-		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	Frigol (42%), Marfrig (35%), JBS (10%), Mercúrio Alimentos (5%), others (8%)		
	Slaughterhouses (sourcing from the municipality)	Supplies cattle to 23 different slaughterhouses, including: 5 owned by JBS (Eldorado do Carajás, Redenção, Santana do Araguaia, Carajás, and Tucumã, all in Pará), and 1 by Marfrig (Tucumã - PA)		
	Supply chain links & details:	Indirectly supplied JBS (Tucumã - PA), Marfrig (Tucumã - PA) and Frigol (São Félix do Xingu - PA and Água Azul do Norte - PA) in 2018 through the property Fazenda São Sebastião (São Félix do Xingu - PA); Mercúrio Alimentos (Xinguara - PA), Marfrig (São Félix do Xingu - PA) and Frigol (São Félix do Xingu - PA) through the property Fazenda Estrela (São Félix do Xingu - PA) in 2018; and Frigol (São Félix do Xingu - PA) through the property Fazenda Santo Expedito II (São Félix do Xingu - PA) in 2018		
Other supply chain links and details:		-		
General comments				
José Walter is part of a list of suppliers to Durlicouros (1). The Environmental Agency of Pará (SEMA - PA) cancelled the CAR declaration of Fazenda Fé com Deus because the property is inside the Indigenous Territory Apyterewa (2).				
(1) https://ptdocz.com/doc/814819/rela%C3%A7%C3%A3o-de-fazendas-tac (2) https://monitoramento.semas.pa.gov.br/ldi/pesquisa/pesquisarComCar?codigolmovel=PA-1507300-0197.75FF.1311.4853.BE37.E1BF.B2BC.AF3B				

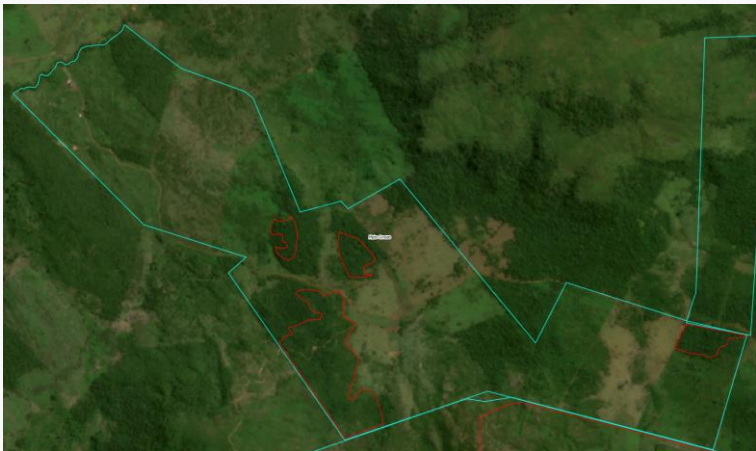

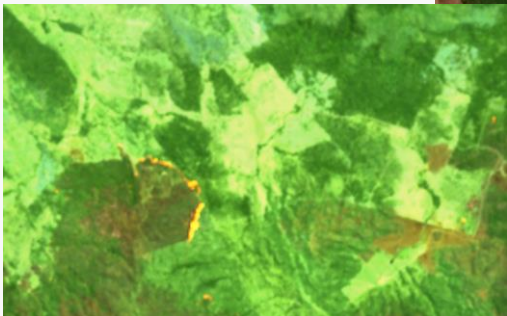
Indigenous Territory Urubu Branco (Tapirapé)

Indigenous Territory Urubu Branco (Tapirapé)			
Confresa, Mato Grosso		Amazon biome	
Area property (ha):	167,533	Indigenous population:	Tapirapé people
Cleared Area			
40,443	hectares	Period clearance:	January to November 2022

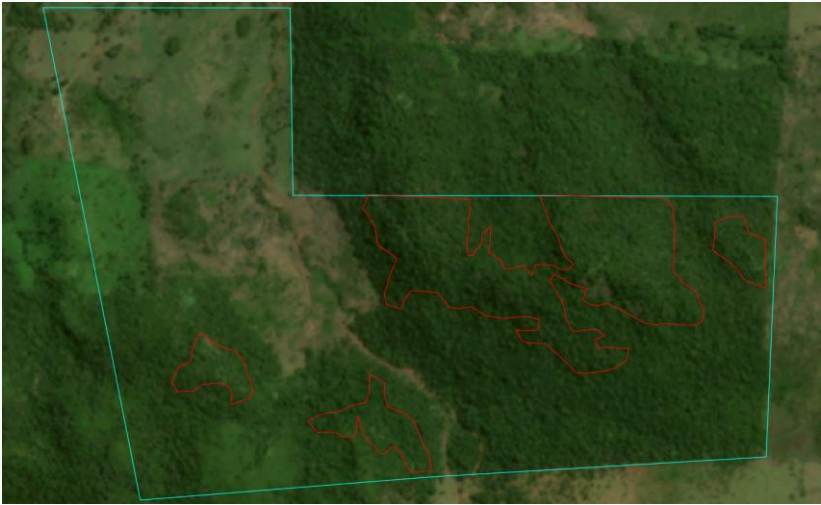

Since 2003, farmers who occupy areas in the Indigenous Territory Urubu Branco have been demanding a partial annulment of the demarcation of the territory, which was homologated in 1998. In June 2021, the Supreme Court confirmed the decision that determined the removal of non-indigenous people from the territory (1). In June 2022, the Federal Court in Mato Grosso convicted Funai and the Brazilian government to pay BRL 4 million in financial compensation for collective moral damages to the indigenous community Tapirapé due to the delay in the removal of illegal occupants from the territory (2). Farmers and squatters' activities inside the indigenous territory have caused fires, deforestation, and illegal logging, a situation that has worsened during the Covid pandemic (3).



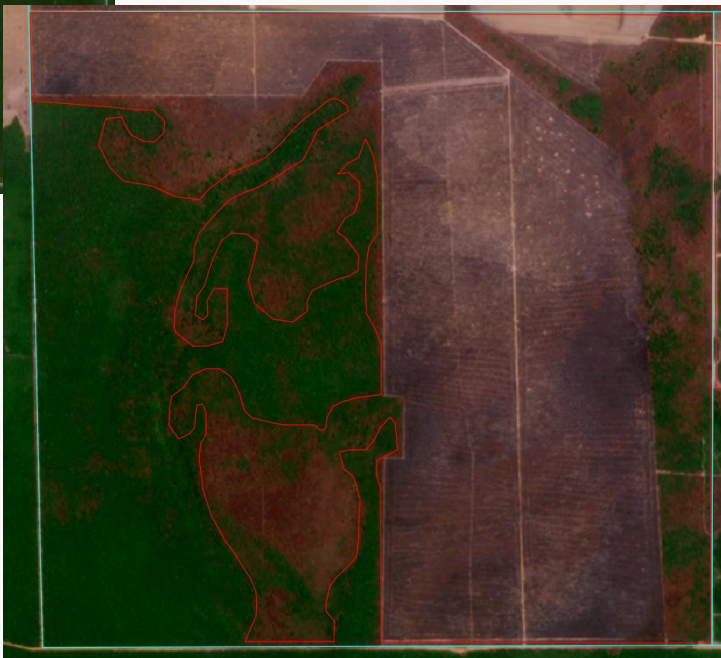

(1) <https://cimi.org.br/2021/02/invasores-devem-ser-retirados-terra-indigena-urubu-branco-confirma-stf> and <https://www.mpf.mp.br/mt/sala-de-imprensa/noticias-mt/a-pedido-do-pgr-supremo-restabelece-decisao-que-determina-retirada-de-nao-indigenas-da-ti-urubu-branco-em-mt>
(2) <https://www.mpf.mp.br/mt/sala-de-imprensa/noticias-mt/funai-e-uniao-terao-que-pagar-r-4-mi-por-danos-morais-a-comunidade-indigena-tapirape-de-urubu-branco-mt> and <https://www.mpf.mp.br/mt/sala-de-imprensa/Documentos%20para%20link/inicia-acp.pdf>
(3) <https://cimi.org.br/2020/05/pandemia-madeireiros-invadem-terra-indigena-urubu-branco/>

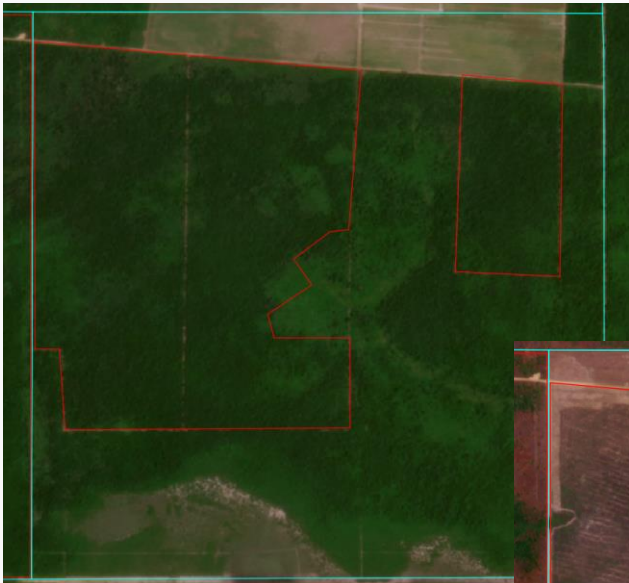

Property			
Sítio Paraíso			
Confresa, Mato Grosso		Amazon biome	
CAR: MT-5103353-F9FCF93D53384B3FAC7CA4686A10094D			
Area property (ha): 680		Coordinates property: -10.52253, -51.33363	
Cleared Area			
Coordinates clearance:		-51.33534, -10.52411	
66 hectares		period clearance: Apr to Sep 2022	
8 fires alerts			
Inside Forest Code's protected areas: Yes		62 ha inside declared Legal Reserve	
Type of vegetation: Semidecidual Seasonal Forest		Priority for Biodiversity Conservation: No	
Conservation area(s) (overlapping or bordering): -			
Indigenous Territories (overlapping or bordering): TI Urubu Branco (Tapirapé people)			
Imagery: limits of the property (blue) limits of the cleared area (red)			
April 2022			
			
Source: Imagery ©2022 Planet Labs Inc.			
September 2022			
			
Source: Imagery ©2022 Planet Labs Inc.			
Fire			
02 nd September 2022			
			
Source: European Union - EO Browser Copernicus Sentinel data 2022			

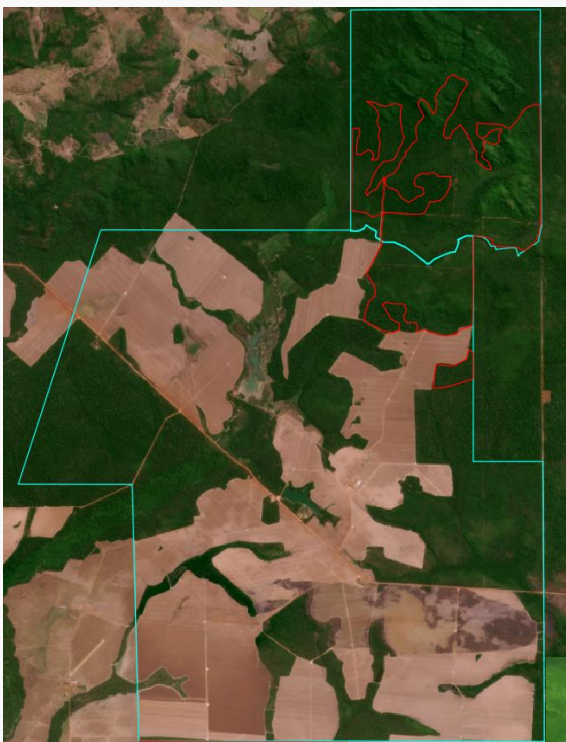
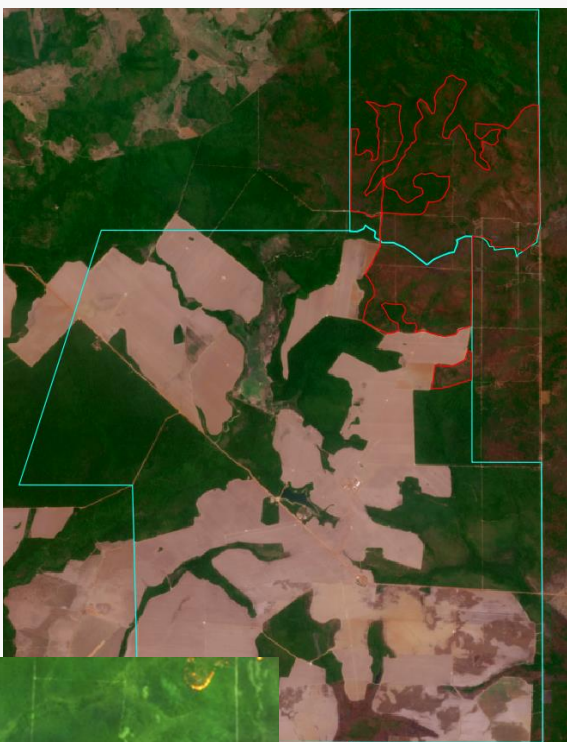

Environmental fines and embargoes				
Embargoes:		No	-	
Environmental fines:		No	-	-
Ownership and other linked properties				
Ownership:		Gilberto Divino de Almeida		
Company group:		No linked company identified		
Linked properties:		No other linked properties		
Supply chain links				
Main Commodities		Beef		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium	JBS
Soy	Main exporters (municipality)	Viterra (70%), Cargill (19%), Amaggi (11%)		
	Warehouses (50 km radius)	11 warehouses, including: 1 owned by Bunge and 1 owned by Louis Dreyfus		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	JBS (80%), Marfrig (10%), others (10%)		
	Slaughterhouses (sourcing from the municipality)	Supplies cattle to 11 different slaughterhouses, including: 2 owned by JBS (Confresa - MT and Barra do Garças - MT), and 1 by Marfrig (Nova Xavantina - MT)		
	Supply chain links & details:	Indirectly supplied JBS (Confresa - MT) through Chácara Amor Bandido (owned by Carlos Elizeu Correia, in Confresa - MT) in 2018, through Fazenda Medeiros and Fazenda Medeiros II (owned by Justino Medeiros family, in Confresa - MT) in 2018, and through Fazenda Rainha do Norte (owned by Anísio Vilela Junqueira Neto, in Vila Rica - MT) between 2018 and 2019		
Other supply chain links and details:		-		
General comments				
<p>In 2020, the Federal Police cited Gilberto Divino de Almeida as part of an investigation for illegal invasion and deforestation inside the Indigenous Territory (TI) Urubu Branco (1). The information document provided by the Federal Police was requested by the Federal Deputy Jesus Sérgio (PDT/AC). Divino de Almeida was also cited as an illegal invader by the Federal Prosecutor Office, in a public civil action against Funai and the Brazilian government that requested compensation for collective moral damages to the indigenous community Tapirapé due to the delay in the removal of illegal occupants of the territory (2).</p>				
<p>(1) https://www.camara.leg.br/proposicoesWeb/prop_mostrarintegra?codteor=1896306 (2) https://www.mpf.mp.br/mt/sala-de-imprensa/Documentos%20para%20link/inicia-acp.pdf and https://www.mpf.mp.br/mt/sala-de-imprensa/noticias-mt/funai-e-uniao-terao-que-pagar-r-4-mi-por-danos-morais-a-comunidade-indigena-tapirape-de-urubu-branco-mt</p>				

Property	
Fazenda Pé da Serra	
Confresa / Santa Terezinha, Mato Grosso	Amazon biome
CAR: MT-5107776-8591F06FFAF84DA684556545D093E105	
Area property (ha): 385	Coordinates property: -51.24773, -10.46008
Cleared Area	
Coordinates clearance:	-51.23902, -10.45905
68 hectares	period clearance: Apr to Sep 2022
- fires alerts	
Inside Forest Code's protected areas: Yes	68 ha inside declared Legal Reserve
Type of vegetation: Forested Savanna	Priority for Biodiversity Conservation: No
Conservation area(s) (overlapping or bordering): -	
Indigenous Territories (overlapping or bordering): TI Urubu Branco (Tapirapé people)	
<p>Imagery: limits of the property (blue) limits of the cleared area (red)</p> <p>April 2022</p>  <p>September 2022</p> 	
Source: Imagery ©2022 Planet Labs Inc.	

Environmental fines and embargoes				
Embargoes:		No	-	
Environmental fines:		No	-	-
Ownership and other linked properties				
Ownership:		Elci Xavier De Resende		
Company group:		Remaq Locação e Serviços de Máquinas para Construção Ltda (CNPJ: 47.459.184/0001-16)		
Linked properties:		1 linked property in São Félix do Xingu (PA): Fazenda Nova Aliança (3,337 ha)		
Supply chain links				
Main Commodities		Beef		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium	JBS
Soy	Main exporters (municipality)	Viterra (70%), Cargill (19%), Amaggi (11%)		
	Warehouses (50 km radius)	11 warehouses, including: 1 owned by Louis Dreyfus		
	Supply chain links & details:	-		
Beef	Main traders (municipality)	JBS (80%), Marfrig (10%), others (10%)		
	Slaughterhouses (sourcing from the municipality)	Supplies cattle to 11 different slaughterhouses, including: 2 owned by JBS (Confresa - MT and Barra do Garças - MT), and 1 by Marfrig (Nova Xavantina - MT)		
	Supply chain links & details:	A linked property, Fazenda Nova Aliança (São Félix do Xingu - PA) directly supplied JBS (Santana do Araguaia - PA) in 2020, and indirectly supplied JBS (Santana do Araguaia and Redenção - PA) through Fazenda Galope, Fazenda Renascer (São Félix do Xingu - PA), Fazenda São Sebastião (Santana do Araguaia - PA), Fazenda Itatiaia (São Félix do Xingu - PA), Fazenda Bela Vista (Cumaru do Norte - PA) and Fazenda Elshaday (São Félix do Xingu - PA) in 2018 and 2019. The linked property Fazenda Nova Aliança also indirectly supplied Frigol (São Félix do Xingu - PA) through Fazenda Bela Vista (Cumaru do Norte - PA) in 2018		
Other supply chain links and details:		-		
General comments				
A Public Civil Action by the Federal Prosecutor Office lists Elci Xavier de Rezende as one of the landowners financially compensated after the official recognition of the Indigenous Territory Urubu Branco in 2003 (1).				
(1) https://www.mpf.mp.br/mt/sala-de-imprensa/Documentos%20para%20link/inicia-acp.pdf				

Property			
Fazenda Gameleira I			
Confresa, Mato Grosso		Amazon Biome	
CAR: MT-5103353-884FFD2FD95345008A43144318A65CAE		SIGEF/ SNCI:	9999462621612
Area property (ha):	2,084	Coordinates property:	-51.44088, -10.72719
Cleared Area			
Coordinates clearance:		-51.43031, -10.72422	
1,486 hectares		period clearance: Nov 2021 to Oct 2022	
50 fires alerts			
Inside Forest Code's protected areas:	Yes	530 ha inside declared Legal Reserve and APP	
Type of vegetation:	Forested Savanna	Priority for Biodiversity Conservation:	Extremely high
Conservation area(s) (overlapping or bordering): -			
Indigenous Territories (overlapping or bordering): Bordering TI Urubu Branco (Tapirapé people)			
Imagery: limits of the property (blue) limits of the cleared area (red)			
November 2021			
		October 2022	
Source: Imagery ©2022 Planet Labs Inc.			
Fire		Source: Imagery ©2022 Planet Labs Inc.	
07 th September 2022			
		Source: European Union - EO Browser Copernicus Sentinel data 2022	

Property			
Fazenda Gameleira II			
Confresa, Mato Grosso		Amazon biome	
CAR: MT-5103353-E44F87C620C54368A68FDAB91A1EE35B		SIGEF/ SNCI:	9999703780202
Area property (ha): 1,956		Coordinates property: -51.39920, -10.72725	
Cleared Area			
Coordinates clearance:		-51.40846, -10.72225	
796 hectares		period clearance: Nov 2021 to Jun 2022	
6 fires alerts			
Inside Forest Code's protected areas: Yes		2 ha inside declared Legal Reserve and APP	
Type of vegetation: Forested Savanna		Priority for Biodiversity Conservation: Extremely high	
Conservation area(s) (overlapping or bordering): -			
Indigenous Territories (overlapping or bordering): Bordering TI Urubu Branco (Tapirapé people)			
Imagery: limits of the property (blue) limits of the cleared area (red)			
November 2021			
		October 2022	
			
Source: Imagery ©2022 Planet Labs Inc.		Source: Imagery ©2022 Planet Labs Inc.	

Property			
Fazenda Gameleira III			
Confresa, Mato Grosso		Amazon biome	
CAR:	MT-5103353-7F98BD024BC147B8AE35A69CBA7AF91E MT-5103353-2276A7A5F92845C2B3C2745C4F564149	SIGEF/ SNCI:	9011801059370
Area property (ha):	19,420	Coordinates property:	-51.43683, -10.62561
Cleared Area			
Coordinates clearance:	-51.39766, -10.59867		
1,499 hectares	period clearance: Jul to Oct 2022		
27 fires alerts			
Inside Forest Code's protected areas:	Yes	1,334 ha inside declared Legal Reserve and APP	
Type of vegetation:	Forested Savanna	Priority for Biodiversity Conservation:	Extremely high
Conservation area(s) (overlapping or bordering): -			
Indigenous Territories (overlapping or bordering): Bordering TI Urubu Branco (Tapirapé people)			
Imagery: limits of the property (blue) limits of the cleared area (red)			
July 2022		October 2022	
			
Source: Imagery ©2022 Planet Labs Inc.		Source: Imagery ©2022 Planet Labs Inc.	
			
		Fire 07 th September 2022	
		Source: European Union - EO Browser Copernicus Sentinel data 2022	

Environmental fines and embargoes				
Embargoes:	Yes (other links)	1 embargoed area in linked property Fazenda São José (Itaúba - MT) in 2019; 5 embargoed areas in linked properties in Ipiranga do Norte (MT): In 2007, Fazenda Rio Verde and Fazenda Rio Verde I, Fazenda Guanandi, Fazenda Estrela/Capivara; in 2012, Fazenda Rio Verde. In Itaúba (MT): in 2019, Fazenda São José		
Environmental fines:	Yes (other links)	1 environmental fine for illegal clearance of 4 ha native vegetation in Fazenda Gameleira I in 2016 (SEMA - MT, process number: 170376/2020) and 5 environmental fines in liked properties in Ipiranga do Norte (MT): illegal deforestation in 2007, 3 fines in Fazenda Estrela/Capivara, 1 fine in Fazenda Guanandi; illegal deforestation in 2012, 1 fine in Fazenda Rio Verde	BRL 16,023,926	
Ownership and other linked properties				
Ownership:	Dimas Poltronieri, Silviana Poltronieri, Vitor Elisio Poltronieri			
Company group:	Poltronieri Madeiras in Ipiranga do Norte (MT) (CNPJ: 01.868.538/0001-85, CNPJ: 01.868.538/0004-28) and Sinop (MT) (CNPJ: 01.868.538/0003-47), Coltivare Agrícola in Confresa (MT) (CNPJ: 19.496.838/0001-46)			
Linked properties:	7 other properties totaling 9,044 ha. In Ipiranga do Norte (MT): Fazenda Guanandi (2,178 ha), Fazenda Guanandi I (1,220 ha), Fazenda Guanandi II (550 ha), Fazenda Guanandi III (735 ha), Fazenda Rio Verde (2,225 ha), Fazenda Rio Verde I (1,350 ha), Fazenda Quintino (786 ha)			
Supply chain links				
Main Commodities		Beef and Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor		Yes	Medium	Amaggi, Bunge, ADM, Louis Dreyfus, JBS
Soy	Main exporters (municipality)	Viterria (70%), Cargill (19%), Amaggi (11%)		
	Warehouses (50 km radius)	9 warehouses, including: 1 owned by Bunge and 1 owned by Louis Dreyfus		
	Supply chain links & details:	Linked properties Condomínio Agropecuária Sandani (Ipiranga do Norte - MT) and Condomínio Agropecuária Luta Pan (Porto Alegre do Norte - MT) supplied soy and corn to Amaggi, Bunge, ADM, and Louis Dreyfus between 2018 and 2019		
Beef	Main traders (municipality)	JBS (80%), Marfrig (10%), others (10%)		
	Slaughterhouses (sourcing from the municipality)	Supplies cattle to 11 different slaughterhouses, including: 2 owned by JBS (Confresa - MT and Barra do Garças - MT), and 1 by Marfrig (Nova Xavantina - MT)		
	Supply chain links & details:	A linked property, Condomínio Agropecuário Luta Pan (Porto Alegre do Norte - PA) directly supplied JBS (Confresa - MT) in 2018		
Other supply chain links and details:		Active in timber		

General comments

Fazenda Gameleira I, II and III are contiguous properties located on the border of the Indigenous Territory Urubu Branco. The properties Fazenda Gameleira I and Gameleira II have the CAR declaration validated by the Environment Agency of Mato Grosso (SEMA - MT). The property Fazenda Gameleira III has a CAR declaration still in analysis (1). Also in Confresa (MT), the Poltronieri family owns Fazenda Luta. Farmers and indigenous people neighbouring Fazenda Luta, the largest producer of genetically modified soybeans in the region, have been suffering the effects of pesticide spraying applied on the property since 2013, when the Poltronieri family started the business. In 2015, three small producers registered a report in the Civil Police of Confresa against Fazenda Luta for abandonment of toxic substances harmful to the environment (2). In addition to soybeans, Fazenda Luta produces rice and corn (3). In Confresa (MT), Dilmás Poltronieri has an authorization for deforestation and an authorization for clearance of 886 hectares of native vegetation in Fazenda Gameleira I (valid until December 2023) issued by SEMA - MT. The same area had another authorization for clearance of 890 hectares of native vegetation (later changed to 886 ha) that was valid until July 2020. Poltronieri is being investigated for frauds linked to the registration of the CAR of Fazenda Gameleira I as a result of the Polygonum operation, an investigation conducted by the Civil Police and state Public Prosecutor Office of Mato Grosso, which discovered a scheme to enter false information of farm boundaries into SEMA systems (4). The properties Fazenda Gameleira I and Gameleira II have Frenova Agropecuária (CNPJ: 03.143.914/0001-08) as its registered owner in SIGEF and are registered as Fazenda Luta e Gabriela and Fazenda Luta e São Gonçalo. The state tax office of Mato Grosso lists Frenova as a 'closed' company. One of the owners of Frenova, José Carlos Pires Carneiro, is linked to companies responsible for "colonization" processes in the central-western part of the country during the Brazilian military dictatorship (1964-1985), being also one of the owners of Tapiraguaia Agrícola e Pecuária (5, 6). Frenova is one of the companies that contested the demarcation of Indigenous Territory Urubu Branco (7). In the 1980s, indigenous organisations accused José Carlos Pires Carneiro for illegal activities in the area where the Indigenous Territory Urubu Branco currently is (Tupinaré people) (8).

(1) <https://geoportal.sema.mt.gov.br/>

(2) <https://apublica.org/2019/08/tem-veneno-no-conflito/>

(3) https://br.linkedin.com/posts/dimas-poltronieri-79134766_somosdoagro-amazoniasustentavel-amazoniaenossa-activity-6890748198131228672-ZONq?trk=public_profile_like_view

(4) <https://www.olharjuridico.com.br/noticias/exibir.asp?id=39939¬icia=promotores-instauram-inquerito-contra-17-investigados-por-fraudes-em-car-veja-lista-> and <https://nortearaguaia.com.br/noticia.php?codigo=20449>

(5) <https://tidsskrift.dk/dialogos/article/view/112809>

(6) <http://www.coisasdematogrosso.com.br/cidades/cidade.asp?id=88&cidade=Confresa>

(7) <https://acervo.socioambiental.org/acervo/documentos/cadeia-dominial-de-empresas-que-contestam-demarcacao-da-ti-urubu-branco>

(8) https://documentacao.socioambiental.org/noticias/anexo_noticia/33607_20160114_131334.pdf

Deforestation and fire alerts data are the starting point of the analysis for each of the case studies. After confirming the clearance of native vegetation through satellite imagery, each of the case is then analysed through the Aidenvironment database crossing data from different sources and datasets as described below. Finally, the data is validated by a local partner and a qualitative analysis of each case is developed making use of publicly available data.

Deforestation & Fire

We processed deforestation alert data from the INPE/Deter program for both biomes, Amazon and Cerrado. An alternative source is the Global Forest Watch (GLAD alerts) and the Mapbiomas Alertas platforms. The fire alerts are checked in the NASA/Firms platform and processed using EO Browser Copernicus Sentinel platform. For each selected case, the deforestation is confirmed through satellite images.

Landownership (SIGEF/SNCI/SNCR) and the Environmental Cadastre self-declaration (CAR)

The landownership data is from the Federal Tenure Land systems SIGEF and SNCI, crossing it with SNCR to identify the ownership. The landownership registration on local notary offices is not checked and might be different than the federal systems. The self-declaration for the Environmental Cadastre (CAR) is checked in the Federal System SICAR, including the Legal Reserves and Permanent Preservation Areas (APP) according to the Brazilian Forest Code. For some states, such as Mato Grosso and Pará, it is possible to check the CAR declarant name through the Environmental State Agencies' CAR platforms. It is important to highlight that CAR is not recognized as official ownership data.

Brazilian Forest Code protected areas

Legal Reserves and *Permanent Preservation Areas (APP)* are defined by the Brazilian Forest Code as having mandatory conservation status on private properties. The size of *Legal Reserves* in private properties varies according to the biome [80% Amazonia biome, 35% Cerrado biome inside Legal Amazon, 20% other areas], and *Permanent Preservation Areas (APP)* are those linked to water and soil conservation areas (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 Cadastro Ambiental Rural (CAR) system – Brazil's environmental registration system. In some cases, the CAR was also used to find information on ownership because even if it is a self-declared document, in some cases it still provides the most recent information on who is operating in a property.

Conservation areas and Indigenous Territories

Conservation Areas data is from the ICMBio, responsible for monitoring and management the 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 Territories data is from FUNAI, the National Foundation for Indigenous Populations. Indigenous Territories are officially recognized and determine areas where local Indigenous populations have customary rights to access and use the land.

Type of Vegetation and Priority for Biodiversity Conservation

The type of vegetation data is from the IBGE (Brazilian Institute of Geography and Statistics) and Embrapa, consulted through the INPE website. The classification according the Priority for Biodiversity Conservation is from a study elaborated by the Brazilian Ministry of the Environment updated in 2018.

Environmental Embargoes and Fines

Embargoed areas and Environmental fines are checked in the database form IBAMA, the Federal Environment Agency. Embargoes are areas where any kind of activity is suspended or unauthorized by IBAMA oftentimes due to environmental degradation or other crimes such as slavery labor. Properties can be removed from the list of embargoed areas after having addressed the problem. Environmental fines are usually linked to regulation infractions and are addressed to the owner of the property.

Company Group and linked properties

Once the ownership of the property is clearly linked to an individual, we use the SINTEGRA database to check all the registered companies under this individual or group of individuals names. If the ownership is already registered by a company, we also check the corporate structure of the company through open sources websites. Once the ownership, linked companies and corporate structure are defined, we search for other properties registered under the same or similar ownership in the Federal Tenure Land systems SIGEF and SNCL.

Level of certainty of links to soy traders and beef processors

Soy – High: trading relationship between the owner of the property and the trader is confirmed by traders or by the National Supply Company (Conab) trading subsidy programs, or traders have assets (warehouses) within the boundaries of the property; Medium: trading relationship with the corporate group, not necessary with the specified property is confirmed by traders or by Conab’s subsidy programs; Low: trader is the main soy exporter in the municipality (Trase platform), or traders have assets (warehouses) within a radius of 50 km from the property.

Cattle - High: animal transportation data (GTA) confirm direct trading relationship between the property and beef processors; Medium: animal transportation data (GTA) confirm indirect trading relationship between the property and beef processors; Low: beef processor is the main meat exporter in the municipality (Trase platform), or beef processors have assets (slaughterhouse) within a radius of 50 km from the property.

Main exporters (municipality), warehouses and slaughterhouses

The data on main soy and beef exporters per municipality is from Trase platform. Warehouses’ location is from the SICARM, and slaughterhouses’ location are from the Ministry of Agriculture. The municipalities’ export data and companies’ assets location are only an indication of a potential trading link, not being used as prove of trading links as explained in the previous item (level of certainty of links to soy traders and beef processors).

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