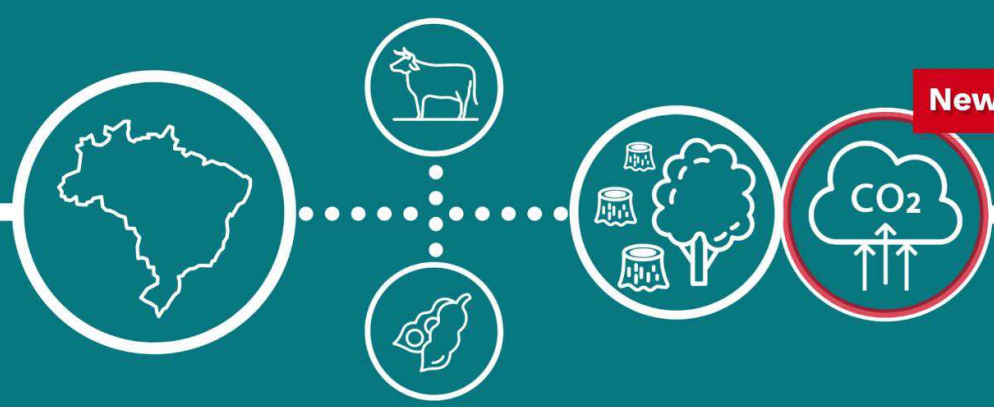


August 2023

# Realtime Deforestation Monitoring System **15**



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

Updated  
in  
October 2023



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, the recent increase in deforestation rates is mainly linked to the expansion of Soy and Cattle production within the Amazon and Cerrado biomes.



The RDM 15 report of August 2023 highlights 11 cases linked to the cattle and soy supply chains in the Cerrado and Amazon biomes. **The 11 cases present 28,810 hectares of deforestation and 644 fire alerts in Mato Grosso, Pará, Bahia and Maranhão states.** The cases cover deforestation alerts detected in July 2023, with visually confirmed deforestation events between April 2022 and July 2023.

Together with the confirmed cleared area of native vegetation, the RDM also estimates the linked **CO<sub>2</sub> emissions (above-ground carbon emissions)** according to vegetation type. The 11 cases of the RDM 15 report represent an emission of **6 million tons of CO<sub>2</sub>.**

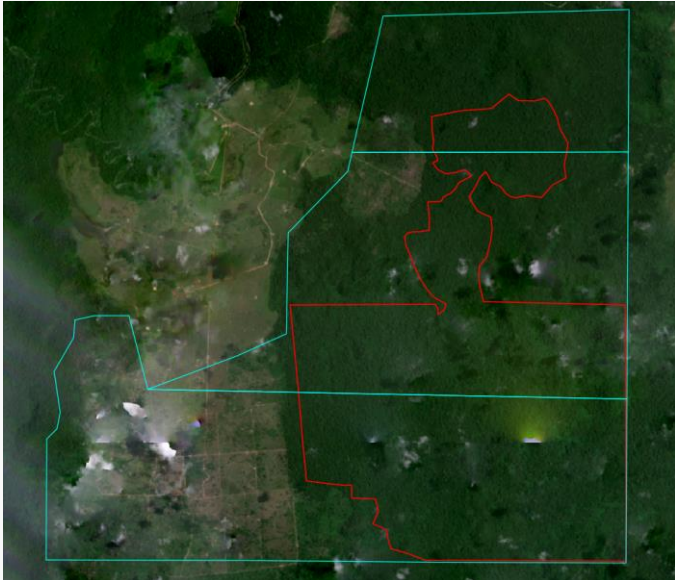
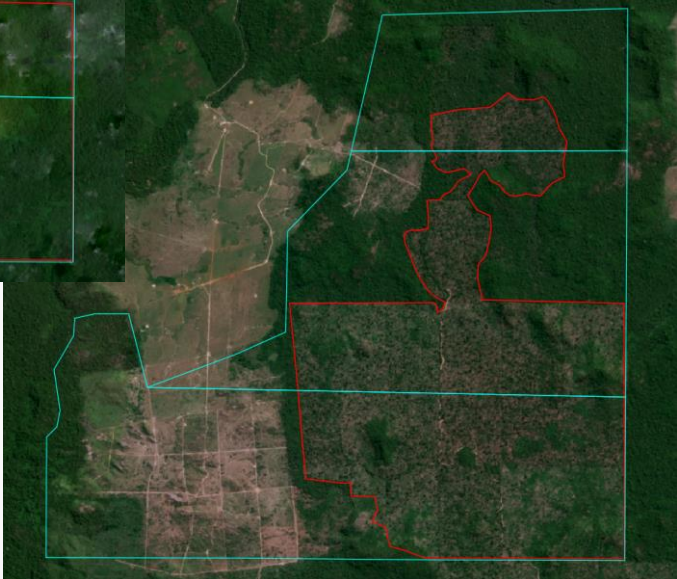
The **European Union Deforestation Regulation (EUDR)** entered into force in June 2023, and this RDM report shows potentially non-compliant cases in the Amazon biome.

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Property			
<b>Fazenda Mata Verde</b>			
Nova Santa Helena, Mato Grosso		<b>Amazon biome</b>	
CAR: MT-5106190-D1FEA2E36BCF4812BA07FB75F42750A8		SIGEF/SNCI: -	
Area property (ha):	9,112	Coordinates property:	-11.18366, -54.91744
Cleared Area			
Coordinates clearance:		-11.14991, -54.88992	
<b>2,780</b> hectares		period clearance: Feb to Jun 2023	
<b>1,280,690</b> tons of CO <sub>2</sub>			
- fires alerts			
Inside Forest Code's protected areas:	Yes	2780 ha inside declared Legal Reserve	
Type of vegetation:	Ombrophilous Forest transition	Priority for Biodiversity Conservation:	Very high
Conservation area(s) (overlapping or bordering):		-	
Indigenous Territories (overlapping or bordering):		-	
<p><b>Imagery:</b> limits of the property (blue), limits of the cleared area (red)</p> <p>February 2023</p>  <p>June 2023</p>  <p>Source: Imagery ©2023 Planet Labs Inc.</p> <p>Source: Imagery ©2023 Planet Labs Inc.</p>			

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes	1 environmental embargo issued by the Environmental Agency of Mato Grosso in Fazenda Mata Verde V in 2022 for an unknown reason, and 2 environmental embargos by Ibama in the linked farm Fazenda Atlântica (Nova Santa Helena - MT) in 2013 due to illegal deforestation of 192,3 ha and 161,9 ha in the name of Alexander Pozzobon	
<b>Environmental fines:</b>	Yes	3 environmental fines at Fazenda Mata Verde: 1 in 2022 and 2 in 2017 due to failure of complying to an embargo (under the name of Alexander Pozzobon)	BRL 1,490,000
Ownership and other linked properties			
<b>Ownership:</b>	Daniele Pozzobon		
<b>Company group:</b>	MM Pecuária (registered as a cattle producer in Nova Bandeirantes - MT, and as animal feed producer in Itaúba - MT)		
<b>Linked properties:</b>	Other 4 linked properties. In Nova Santa Helena (MT): Fazenda Formosa (unknown area), Fazenda Atlântica (unknown area). In Sinop (MT): Fazenda Perdizes (unknown area). In Cláudia (MT): Fazenda WDP III (unknown area)		
Supply chain links			
<b>Main Commodities</b>	Beef and Soy		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>Yes</b>	<b>Low</b>	<b>Cargill, Cofco</b>
<b>Companies' reply</b>	<i>Cargill: Considering the 10 cases of the present report, "in 2 cases, we negotiated with the mentioned farm or farms close to the one mentioned, and we have evidence that the clearance was legal; in 1 case, we negotiated with the farm in 2022, but now the supplier is blocked."</i>		
<b>Soy</b>	<b>Warehouses (50 km radius)</b>	24 warehouses including 1 owned by Cargill, and 4 owned by Cofco	
	<b>Supply chain links &amp; details:</b>	In 2019, the linked property Fazenda WDP III (Cláudia - MT) supplied soybean to Amaggi. Daniele Pozzobon was also mentioned as a supplier of Fiagril (2021) and Engelhardt - a company linked to BTG Pactual (2022), in documents related to Agribusiness Receivables Certificates (CRA) trading	
<b>Beef</b>	<b>Slaughterhouses (sourcing from the municipality)</b>	9 different slaughterhouses source cattle from Nova Santa Helena (MT), including: 2 owned by JBS (Colider - MT, Diamantino - MT), and 2 by Marfrig (Paranatinga - MT, Tangará da Serra - MT)	
	<b>Supply chain links &amp; details:</b>	Trading links to a slaughterhouse owned by Bombonato (Sinop - MT)	
<b>Other supply chain links and details:</b>		The property has an active Sustainable Forest Management Plan (valid until 14 December 2023)	
General comments			
<p>Although the property has a Sustainable Forest Management Plan authorizing the sustainable use of forest resources, valid until 14 December 2023 and covering 277 hectares outside the Legal Reserve [7004338/2022], the area is in a soy expansion region. Daniele Pozzobon is cited as one of the sponsors of the presidential campaign of Bolsonaro in 2022 with a donation of BRL 5,000. Other family members, Ilo Pozzobon and Nelsi Pozzobon are linked to a donation of around BRL 144,000 to the same political campaign (2). Ilo Pozzobon owns a transport company, and one of its trucks was linked to an anti-democratic protest in Brasília in November 2022 after Bolsonaro lost the presidential election that year (3). Despite the family name, it is unclear if Ilo and Nelsi Pozzobon and their agriculture activities are linked to Daniele Pozzobon, who was mentioned as a supplier of Fiagril (2021) and Engelhardt - a company linked to BTG Pactual (2022) in documents related to the Agribusiness Receivables Certificates (CRA) (4).</p> <p>(1) <a href="https://geoportal.sema.mt.gov.br/#/">https://geoportal.sema.mt.gov.br/#/</a>  (2) <a href="https://jornaluniversoonline.com.br/donos-de-caminhoes-no-qg-do-exercito-no-df-doaram-r-15-mi-a-bolsonaro/">https://jornaluniversoonline.com.br/donos-de-caminhoes-no-qg-do-exercito-no-df-doaram-r-15-mi-a-bolsonaro/</a>  (3) <a href="https://www.metropoles.com/distrito-federal/dono-de-caminhao-no-qg-do-exercito-doou-r-22-22222-a-bolsonaro">https://www.metropoles.com/distrito-federal/dono-de-caminhao-no-qg-do-exercito-doou-r-22-22222-a-bolsonaro</a>  (4) <a href="https://files.guide.com.br/ofertas_publicas/2023/BTG%20Pactual%20Commodities/Prospecto_Preliminar_CRA_VERT_BT_G_Commodities_83_Emissao.pdf">https://files.guide.com.br/ofertas_publicas/2023/BTG%20Pactual%20Commodities/Prospecto_Preliminar_CRA_VERT_BT_G_Commodities_83_Emissao.pdf</a></p>			

Property	
<b>Fazenda Lagoa do Triunfo IV</b>	
São Félix do Xingu, Pará	<b>Amazon biome</b>
<b>CAR:</b> PA-1507300- B2EDB869EF9340C59CF35D6FBCF284AF	<b>SIGEF/SNCI:</b> 9999202765459, 9999202760570, 9999202745857
<b>Area property (ha):</b> 5,379	<b>Coordinates property:</b> -6.81652, -54.81526
Cleared Area	
<b>Coordinates clearance:</b>	-6.83473, -52.81244
<b>2,289</b> hectares	<b>period clearance:</b> Mar to Jun 2023
<b>1,300,915</b> tons of CO <sub>2</sub>	
- fires alerts	
<b>Inside Forest Code's protected areas:</b> Yes	2289 ha inside declared Legal Reserve and APP
<b>Type of vegetation:</b> Ombrophilous Dense Forest	<b>Priority for Biodiversity Conservation:</b> No
<b>Conservation area(s) (overlapping or bordering):</b>	Área de Proteção Ambiental Triunfo do Xingu
<b>Indigenous Territories (overlapping or bordering):</b>	-
<p><b>Imagery:</b> limits of the property (blue), limits of the cleared area (red)</p> <p>March 2023</p>  <p style="text-align: right;">June 2023</p>  <p>Source: Imagery ©2023 Planet Labs Inc.</p> <p style="text-align: center;">Source: Imagery ©2023 Planet Labs Inc.</p>	

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes	3 embargoes for illegal clearance of 300 ha of native vegetation in 2018 issued by the Environmental Agency of Pará, and 1 for illegal clearance of 90,8 ha in 2011 issued by Ibama	
<b>Environmental fines:</b>	Yes	4 fines for illegal clearance of native vegetation in the group of properties Fazenda Lagoa do Triunfo, 2 in 2019 and 2 in 2020. Other 22 environmental fines issued by Ibama between 2009 and 2015 in linked properties in São Félix do Xingu (PA)	BRL 102,324,350
Ownership and other linked properties			
<b>Ownership:</b>	Agropecuária Santa Bárbara Xinguara		
<b>Company group:</b>	Agropecuária Santa Barbara Xinguara (AgroSB) / Eldorado do Xingu / Opportunity Fund		
<b>Linked properties:</b>	22 other properties in Pará totaling 206,761 ha		
Supply chain links			
<b>Main Commodities</b>	Beef		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	Yes	High / Medium	JBS
<b>Companies' reply</b>	<p><b>Minerva (potential trading link removed):</b> "The property [...] is not registered with Minerva Foods and therefore has no commercial relationship with the Company. The most recent transaction with the owner identified, Agropecuária Santa Bárbara, took place in 2012 involving a different property".</p> <p><b>Marfrig (potential trading link removed):</b> "Marfrig does not have a record regarding the informed CAR (Fazenda Lagoa do Triunfo IV)."</p>		
<b>Soy</b>	<b>Warehouses (50 km radius)</b>	No warehouses within a 50km radius	
	<b>Supply chain links &amp; details:</b>	-	
<b>Beef</b>	<b>Slaughterhouses (sourcing from the municipality)</b>	São Félix do Xingu (PA) is one of the largest cattle-producing municipalities in Brazil, and supplies, among other cattle to: 6 slaughterhouses owned by JBS in Pará and Mato Grosso and 1 owned by Minerva (Araguaína - TO)	
	<b>Supply chain links &amp; details:</b>	AgroSB is a direct supplier to JBS	
<b>Other supply chain links and details:</b>		-	

## General comments

Agropecuária Santa Barbara Xinguara (Agro SB) was allegedly the number one deforester in Brazil in 2017. The company is the (co-) owner of all six Fazendas Lagoa do Triunfo farms I, II, III, IV, V, VI (1, 2), totalling 145,000 ha (3). There is continuous deforestation and fire in the Lagoa do Triunfo farms. For instance, on August 17, 2019, NASA detected fires on Fazenda Lagoa do Triunfo IV, covering 273 ha of native vegetation clearance between July and August 2019 (4). Next to cattle production, the company is active in soy and corn production (2). AgroSB is owned by the Opportunity Fund – run by Daniel Valente Dantas, a banker with a long track record of felonies and crimes against Brazil’s financial system. In addition to Fazenda Lagoa do Triunfo, AgroSB owns three other farms in Pará: Vale Sereno, in Cumaru, do Norte; São Roberto, in Santana, do Araguaia; and Espírito Santo, in Xinguara (5). Dantas was arrested in 2008 for trying to bribe public servants and was accused of being the leader of a criminal organization linked to money laundering and tax evasion (6). In 2009, the Brazilian Justice froze all of Dantas’ agribusiness holdings, including 27 farms – totalizing 500,000 hectares – and 453,000 cows, for illegal money laundering (7). In 2017, AgroSB’s Fazenda Vale Sereno, in Cumaru do Norte, Pará, received fines totalizing BRL 77.4 million. In 2018 the same farm was again listed in Ibama’s list of deforesters. AgroSB is also linked to other issues in Pará, including land conflicts and the accusation of using pesticides as a chemical weapon (8), past allegations of slave labour (9) and being involved in the disappearance of a worker (10). In 2018, landless workers occupied Dantas’ lands in Complexo Cedro, in Marabá, Pará (11). The company was denounced by Comissão Pastoral da Terra (CPT) for hiring private security firms with no permission to operate in the State of Pará. These firms were founded by a former policeman and were considered a way of creating an appearance of legality for militia groups (12). An investigation from Repórter Brasil, The Guardian and the Bureau of Investigative Journalism shows that AgroSB raises cattle in areas embargoed by Ibama inside the Lagoa do Triunfo farms (13). Animals from this specific farm were transferred for fattening on Fazenda Espírito Santo, which directly supplied JBS, Minerva, Frigol, Marfrig and Frigorífico Valêncio. The Selo Verde database, created by the Environmental Agency of Pará, mentions a total deforestation of 2,580 hectares after 2008 in the property Lagoa do Triunfo IV (14). Between 2011 and 2017, the Brazilian Development Bank (BNDES) authorized 96 loans to Agropecuária Santa Bárbara Xinguara (15).

(1) <http://car.semas.pa.gov.br>

(2) <https://agrosb.com.br>

(3) <https://www.theguardian.com/environment/2019/jul/02/revealed-amazon-deforestation-driven-global-greed-meat-brazil>

(4) Rapid Response Special Fires Report September 2019

(5) <http://agrosb.com.br/home/unidades-localizacao>

(6) <https://www.correio24horas.com.br/noticia/nid/daniel-dantas-e-lider-de-organizacao-criminosa-diz-policia-federal>

(7) <https://www.gazetadopovo.com.br/vida-publica/justica-sequestra-fazendas-de-daniel-dantas-bggv0cnyqfiysx9fknmb6wbbj/>

(8) <https://reporterbrasil.org.br/2019/04/agricultores-denunciam-uso-de-agrotoxico-como-arma-quimica-em-fazenda-de-daniel-dantas/>

(9) <https://reporterbrasil.org.br/2012/04/fazenda-com-escravos-e-controlada-por-familia-de-daniel-dantas/>

(10) <https://reporterbrasil.org.br/2013/08/onde-esta-welbert/>

(11) <https://reporterbrasil.org.br/2019/04/agricultores-denunciam-uso-de-agrotoxico-como-arma-quimica-em-fazenda-de-daniel-dantas/>

(12) <https://www.theguardian.com/environment/2019/jul/02/revealed-amazon-deforestation-driven-global-greed-meat-brazil>

(13) <https://rollingstone.uol.com.br/edicao/37/bala-na-agulha-1/>

(14) <https://www.semas.pa.gov.br/seloverde/> (search for the CAR registration number)

(15) <https://www.bndes.gov.br/wps/portal/site/home/transparencia/consulta-operacoes-bndes>

Property			
<b>Fazenda Macaré (SIGEF) / Fazenda Benila (CAR)</b>			
Querência, Mato Grosso		<b>Amazon biome</b>	
<b>CAR:</b>	MT-5107065- 1DAA6DA01E0E4AA595419B871B45907C	<b>SIGEF/SNCI:</b>	6310190087299
<b>Area property (ha):</b>	3,583 (CAR) / 28,248 (SIGEF)	<b>Coordinates property:</b>	-12.33074, -52.51463
Cleared Area			
<b>Coordinates clearance:</b>		-12.36695, -52.48426	
<b>2,542 hectares</b>		<b>period clearance:</b> Nov 2022 to Jun 2023	
<b>1,171,049 tons of CO<sub>2</sub></b>			
<b>195 fires alerts</b>			
<b>Inside Forest Code's protected areas:</b>	No	- -	
<b>Type of vegetation:</b>	Ombrophilous Forest transition	<b>Priority for Biodiversity Conservation:</b>	Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	

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

November 2022



Source: Imagery ©2022 Planet Labs Inc.

Fires  
28 May 2023



Source: European Union - EO Browser Copernicus Sentinel data 2023

June 2023



Source: Imagery ©2023 Planet Labs Inc.



Environmental fines and embargoes			
<b>Embargoes:</b>	Yes (other links)	1 embargo issued by Ibama in 2013 in a linked property in Querência (MT) (unknown reason)	
<b>Environmental fines:</b>	Yes (other links)	5 environmental fines issued by Ibama between 2004 and 2017 in a linked property in Querência (MT)	unknown
Ownership and other linked properties			
<b>Ownership:</b> Macaré Agrícola (SIGEF) / Lucas Medeiros Teles (CAR)			
<b>Company group:</b>	At least 8 companies linked to Macaré Agrícola: Rural Querência (Querência - MT, Canarana - MT), Rural Técnica Produtos Agropecuários (Jataí - GO), CAD Participações (Jataí - GO), CAD Agro (Jataí - GO, Querência - MT), Agrogalaxy Participações (São Paulo - SP), Bonanza Agrícola (Canarana - MT), DME Latam (João Monlevade - MG, Matozinhos - MG), DME Engenharia e Incorporações (Matozinhos - MG). At least 3 companies linked to Lucas Medeiros Teles: Grãos Brasil Importação e Exportação de Cereais (Canarana - MT), T3 Seements (Jataí - GO), Teles Comércio de Cereais (Santa Maria das Barreiras - PA)		
<b>Linked properties:</b>	8 properties linked to Macaré Agrícola, totalling at least 13,534 ha. In Santa Maria das Barreiras (PA): Fazenda Novo Mundo (1,975 ha). In Jataí (GO): Fazenda Vitória Régia (unknown area), Fazenda Etância Felicidade (unknown area). In Querência (MT): Fazenda Cururmim (4,788 ha). In Ribeirão Cascalheira (MT): Fazenda Angelim (1,031 ha). In Colniza (MT): Lote Rural 60-1 (804 ha). In Canarana (MT): Fazenda Bonanza (2,680 ha), Fazenda São Luiz (2,256 ha). 2 properties linked to Lucas Medeiros Teles, totalling at least 3,000 ha. In São Félix do Araguaia (MT): Fazenda Pompéia (unknown area). In Santa Maria das Barreiras (PA): Fazenda Modelo (3,000 ha)		
Supply chain links			
<b>Main Commodities</b>		Beef and Soy	
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	<b>No</b>	<b>Medium / Low</b>	<b>Minerva, Marfrig, Bunge, Louis Dreyfus / Cargill, ADM</b>
<b>Companies' reply</b>	<p><b>Amaggi (potential trading link removed):</b> "No commercial relationship was identified between AMAGGI with the mentioned property after the deforestation."</p> <p><b>Minerva:</b> "The property [...] is not registered with Minerva Foods and therefore has no commercial relationship with the Company. However, regarding Fazenda Estância Felicidade (Jataí, GO), the company informs that it "meets our socio-environmental criteria", but neither confirmed nor denied the existence of a trading link with it.</p> <p><b>Marfrig:</b> "Marfrig does not have a record regarding [...] (Fazenda Macaré / Benila)". However, regarding the property Estância Felicidade (Jataí - GO), Marfrig informs that had commercial links "last time in February 2023 at Mineiros facility (Goiás state), and at that time it met all of Marfrig socio-environmental commitments".</p> <p><b>Cargill:</b> Considering the 10 cases of the present report, "in 2 cases, we negotiated with the mentioned farm or farms close to the one mentioned, and we have evidence that the clearance was legal; in 1 case, we negotiated with the farm in 2022, but now the supplier is blocked."</p>		
<b>Soy</b>	<b>Warehouses</b> (50 km radius)	47 warehouses including 1 owned by Amaggi, 1 owned by Cargill, 1 owned by ADM, 1 owned by Louis Dreyfus, and 1 by Bunge	
	<b>Supply chain links &amp; details:</b>	The linked property to Lucas Medeiros Teles, Fazenda Pompéia in São Félix do Araguaia (MT), supplied soybean to Amaggi, Bunge, LDC, Viterra and Gavilon between 2018 and 2019	
<b>Beef</b>	<b>Slaughterhouses</b> (sourcing from the municipality)	7 different slaughterhouses source cattle from Querência (MT), including: 2 owned by JBS (Água Boa - MT, Barra do Garças - MT), and 2 owned by Marfrig (Nova Xavantina - MT, Paranatinga - MT)	
	<b>Supply chain links &amp; details:</b>	Fazenda Estância Felicidade (Jataí - GO), linked to Cláudio Augusto Diniz (one of the owners of Macaré Agrícola), directly supplied cattle to Minerva (Palmeiras de Goiás - GO) and to Marfrig (Mineiros - GO) in 2023	
<b>Other supply chain links and details:</b>		-	

## General comments

The validated CAR was declared by Lucas Medeiros Teles, with no apparent links to Macaré Agrícola, the owner of the area, according to SIGEF (1, 2). The area has authorization for clearance of native vegetation, valid until 15 March 2024 [7002362/2022] in the name of Lucas Medeiros Teles (1). A Teles family member (Bruno Teles Alves) is a partner of one of the owners of Macaré Agrícola, Cláudio Augusto Diniz, in another company, Rural Querência (3). The linked property to Lucas Medeiros Teles, Fazenda Pompéia in São Félix do Araguaia (MT), supplied soybean to Amaggi, Bunge, LDC, Viterro and Gaviola between 2018 and 2019 (4).

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

(2) <https://sigef.incra.gov.br/>

(3) <https://www.consultasocio.com>

(4) undisclosed source

Property			
<b>Fazenda Lagoa do Encanto</b>			
Vila Bela da Santissima Trindade, Mato Grosso		<b>Amazon biome</b>	
<b>CAR:</b>	MT-5105507- 10250688F73F41D1A1BB45A110DFCC0B	<b>SIGEF/SNCI:</b>	9020202821972
<b>Area property (ha):</b>	4,770 (CAR) / 12,032 (SNCI)	<b>Coordinates property:</b>	-15.09507, -59.69269
Cleared Area			
<b>Coordinates clearance:</b>		-15.08625, -59.63088	
<b>940</b>	<b>Hectares</b>	<b>period clearance:</b>	Jul 2022 to Jul 28, 2023
<b>421,975</b>	<b>tons of CO<sub>2</sub></b>		
-	<b>fires alerts</b>		
<b>Inside Forest Code's protected areas:</b>	No	-	-
<b>Type of vegetation:</b>	Savanna transition	<b>Priority for Biodiversity Conservation:</b>	Very high
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	

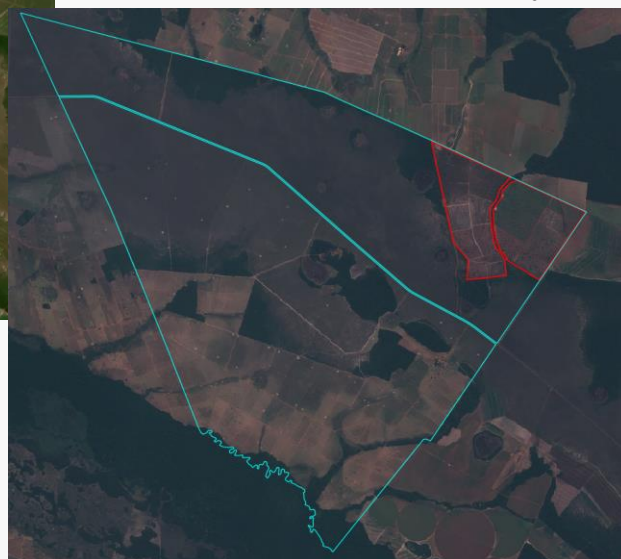
**Imagery:** limits of the property (blue), limits of the cleared area (red)

July 2022



Source: Imagery ©2022 Planet Labs Inc.

July 2023



Source: Imagery ©2023 Planet Labs Inc.

Environmental fines and embargoes				
<b>Embargoes:</b>	No	-		
<b>Environmental fines:</b>	Yes	1 environmental fine in 1997 by Antonio Braga Neto due to the use or commercialization of forest products without the proper authorization	BRL 105	
Ownership and other linked properties				
<b>Ownership:</b>	Antônio Braga Neto (SNCI) / Márcio Antônio Braga, Mayara Talita Volpato Basílio Braga, Lucimeire Ribeiro de Carvalho Braga, Hugo Antonielli Braga (CAR)			
<b>Company group:</b>	No linked company found			
<b>Linked properties:</b>	Other 8 linked properties, totalling at least 12,000 hectares. In Vila Santa da Belíssima Trindade (MT): Fazenda Maravilha (826 ha), Fazenda Planície (3,793 ha), Fazenda Beira Rio (4,064 ha). In Comodoro (MT): Fazenda 04 Pontes (unknown area). In Pontes e Lacerda (MT): Fazenda Laura (575 ha), Fazenda Primavera (2,437 ha), Fazenda Recanto do Pindaituba (unknown area). In Nova Lacerda (MT): Fazenda Santo Reis (unknown area)			
Supply chain links				
<b>Main Commodities</b>		Beef and Soy		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>		Yes	High / Medium / Low	JBS / Marfrig, Minerva / Bunge
<b>Companies' reply</b>	<p><b>Minerva:</b> "The property [...] is not registered with Minerva Foods and therefore has no commercial relationship with the Company. However, regarding Fazenda Planície (Vila Bela da Santíssima Trindade - MT), an intermediary farm that directly supplied Minerva, the company informs that it "meets our socio-environmental criteria", but Minerva neither confirmed nor denied its trading link with it.</p> <p><b>Marfrig:</b> the company informed that do have a trading link record with Antônio Braga Neto and Márcio Antônio Braga and with Fazenda Beira Rio (Vila Bela da Santíssima Trindade - MT), an intermediary directly supplier to Marfrig, but it is "in accordance with all of Marfrig socio-environmental commitments".</p>			
<b>Soy</b>	<b>Warehouses</b> (50 km radius)	2 warehouses owned by individuals and local storage companies/cooperatives		
	<b>Supply chain links &amp; details:</b>	-		
<b>Beef</b>	<b>Slaughterhouses</b> (sourcing from the municipality)	14 different slaughterhouses source cattle from Vila Bela da Santíssima Trindade (MT), including: 3 owned by JBS (Araputanga - MT, Diamantino - MT, Pontes e Lacerda - MT), 2 by Marfrig (Tangará da Serra - MT, Pontes e Lacerda - MT), and 2 owned by Minerva (Mirassol d'Oeste - MT, Várzea Grande - MT)		
	<b>Supply chain links &amp; details:</b>	Antônio Braga Neto directly supplied JBS (Pontes e Lacerda - MT) in 2019 from an unknown property in Vila Bela da Santíssima Trindade (MT). A linked property Fazenda Beira Rio (Vila Bela da Santíssima Trindade - MT), directly supplied JBS (Pontes e Lacerda - MT) in 2019 and Marfrig (Pontes e Lacerda - MT) in 2018. A linked property, Fazenda Planície (Vila Bela da Santíssima Trindade - MT), directly supplied JBS (Pontes e Lacerda - MT) in 2019, JBS (Araputanga - MT) in 2018, and Minerva (Mirassol d'Oeste - MT) in 2018		
<b>Other supply chain links and details:</b>		A linked property, Fazenda Planície (Vila Bela da Santíssima Trindade - MT) supplied corn to Bom Futuro Agrícola in 2019		
General comments				
<p>The reported area has a valid authorization for clearance of 978 ha of native vegetation, valid until 2027, but the name of the property in the authorization is Fazenda Santo Reis [7000483/2022] (1). Antônio Braga Neto is the patriarch and manages, together with his sons, six farms in Mato Grosso, in Nova Lacerda, Vila Bela da Santíssima Trindade and Pontes e Lacerda, with an approximate herd of 20,000 cattle (2). In 2021 and 2022, Antônio Braga Neto is mentioned as a JBS supplier (3). Antônio Braga Neto and Marcio Antônio Braga have 8 and 3 active loans, respectively, from the Brazilian National Development Bank (BNDES), received between 2018 and 2021, to agricultural investments in Vila Bela da Santíssima Trindade (MT) (4).</p>				
<p>(1) <a href="https://geoportal.sema.mt.gov.br/#/">https://geoportal.sema.mt.gov.br/#/</a>  (2) <a href="https://www.dsm.com/tortuga/pt_BR/homeblog/A_Familia_Braga_e_o_exemplo_na_hora_de_passar_o_bastao.html">https://www.dsm.com/tortuga/pt_BR/homeblog/A_Familia_Braga_e_o_exemplo_na_hora_de_passar_o_bastao.html</a>  (3) <a href="https://www.girodobo.com.br/videos/boi-capao-vai-bem-no-confinamento-lote-de-quase-23-de-media-prova-que-sim/">https://www.girodobo.com.br/videos/boi-capao-vai-bem-no-confinamento-lote-de-quase-23-de-media-prova-que-sim/</a> / <a href="https://www.girodobo.com.br/videos/bois-tratados-a-pasto-em-mt-tem-ganho-diario-de-128-kg-veja-lotes-de-12-03-21/">https://www.girodobo.com.br/videos/bois-tratados-a-pasto-em-mt-tem-ganho-diario-de-128-kg-veja-lotes-de-12-03-21/</a>  (4) <a href="https://www.bndes.gov.br/wps/portal/site/home/transparencia/consulta-operacoes-bndes">https://www.bndes.gov.br/wps/portal/site/home/transparencia/consulta-operacoes-bndes</a></p>				

Property			
<b>Fazenda Page Sika</b>			
São Desidério, Bahia		<b>Cerrado biome</b>	
<b>CAR:</b>	BA-2928901- 8ECOFE90F62640DCA214207A330C4207	<b>SIGEF/SNCI:</b>	3011160161100
<b>Area property (ha):</b>	10,112	<b>Coordinates property:</b>	-12.65590, -45.25470
Cleared Area			
<b>Coordinates clearance:</b>	-12.62705, -45.29983		
<b>2,426 Hectares</b>	<b>period clearance:</b>	Oct 2022 to Jul 28, 2023	
<b>311,870 tons of CO<sub>2</sub></b>			
<b>109 fires alerts</b>			
<b>Inside Forest Code's protected areas:</b>	No	- -	
<b>Type of vegetation:</b>	Forested Savanna	<b>Priority for Biodiversity Conservation:</b>	No
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	

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

October 2022



Source: Imagery ©2022 Planet Labs Inc.

July 2023



Source: Imagery ©2023 Planet Labs Inc.

Environmental fines and embargoes			
<b>Embargoes:</b>	Yes	1 embargo issued by the Environmental Agency of Minas Gerais in 2014 related to charcoal production	
<b>Environmental fines:</b>	Yes	Siderúrgica Valinho has 21 environmental fines in the states of Minas Gerais and Goiás, related to charcoal, tampering and transport	unknown
Ownership and other linked properties			
<b>Ownership:</b>	Siderúrgica Valinho		
<b>Company group:</b>	Baluarte Agropecuária (Lagoa dos Patos - MG and Divinópolis - MG)		
<b>Linked properties:</b>	2 other linked properties in Lagoa dos Patos (MG): Fazenda Baluarte (unknown area), Fazenda Piedade (unknown area)		
Supply chain links			
<b>Main Commodities</b>	Soy		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	No	-	-
<b>Soy</b>	<b>Warehouses</b> (50 km radius)	23 warehouses owned by individuals and local storage companies/cooperatives	
	<b>Supply chain links &amp; details:</b>	The area is surrounded by soy cultivation	
<b>Beef</b>	<b>Slaughterhouses</b> (sourcing from the municipality)	-	
	<b>Supply chain links &amp; details:</b>	A linked property, Fazenda Baluarte (Lagoa dos Patos - MG), directly supplied cattle to Plena Alimentos (Pará de Minas - MG) and Frigorífico Betim (Betim - MG)	
<b>Other supply chain links and details:</b>	The company is linked to the production of charcoal from planted forests		
General comments			
<p>Siderúrgica Valinhos is registered in several municipalities in Minas Gerais (Divinópolis, Buritizeiro, Lagoa dos Patos, Belo Horizonte and Três Marias). Besides being linked to metallurgy, the company is registered as a charcoal producer from planted forests (1). In 2021, Siderúrgica Valinhos signed an agreement with the Ministry of the Environment in which, besides other commitments, is not authorized to use charcoal obtained from native vegetation (2). Together with iron ore, charcoal is the main raw material used in pig iron production, which is Siderúrgica Valinho's core business. Among recent clients of Siderúrgica Valinho are the US steel-making groups Steel Dynamics Columbus and The David J Joseph Co. (3), belonging to Nucor Corporation. Pig iron is used to produce steel. In the records of the Institute of Environment and Water Resources of Bahia (Inema), the Rural Environmental Registry (CAR) of the property Page Sika is declared by Siderúrgica Valinhos, Ecogreen Agropecuária and Cisam Siderurgia (in bankruptcy), all registered in Minas Gerais (4). Siderúrgica Valinhos' owners are Geraldo Correa Filho, Rachel Carvalho Correa, Ronan Eustáquio da Silva, and Ronan Eustáquio da Silva Júnior; Ecogreen Agropecuária's owners are Fernanda Fonseca Lara, Gabriel Santos Lara, Camilla Rios de Mello Santos, Raphael Santos Lara e Leticia Rios de Mello Santos; Cisam Siderurgia's owners are Denize Fonseca Santos Lara and Eduardo Fonseca Santos (5). Ecogreen Agropecuária received authorization from Inema (BA) in 2022 for the clearance of 2,995 hectares of native vegetation in the property Page Sika, which is valid until September 2025 (4). The cleared area, according to Ecogreen Agropecuária, the cleared area will be used for agriculture, and the native vegetation removed from the area will be used to produce bioenergy (4).</p>			
<p>(1) <a href="http://cnpj.info/Siderurgica-Valinho-Sa-Belo-Horizonte-MG">http://cnpj.info/Siderurgica-Valinho-Sa-Belo-Horizonte-MG</a>  (2) <a href="http://sistemas.meioambiente.mg.gov.br/licenciamento/uploads/yVtSc06uXi6JV0iQqBn9KojgtRZBuD6g.pdf">http://sistemas.meioambiente.mg.gov.br/licenciamento/uploads/yVtSc06uXi6JV0iQqBn9KojgtRZBuD6g.pdf</a>  (3) undisclosed sources  (4) INEMA, Bahia  (5) <a href="https://solucoes.receita.fazenda.gov.br/servicos/cnpjreva/cnpjreva_solicitacao.asp">https://solucoes.receita.fazenda.gov.br/servicos/cnpjreva/cnpjreva_solicitacao.asp</a></p>			

## Property

### Fazenda Nazaré & Fazenda Campo Largo

Mirador, Maranhão

Cerrado biome

CAR:

MA-2106706-F5379AF40609470CA589DD709F88CE79,  
MA-2106706-2311586B944D4550B8E70A80C1BDABEA

SIGEF/ 9999979037015,  
SNCI: 9999979220995

Area property (ha): 3,419

Coordinates property: -6.08695, -44.70033

## Cleared Area

Coordinates clearance: -6.08623, -44.69499

2,306 hectares

115,246 tons of CO<sub>2</sub>

5 fires alerts

period clearance: Apr to Jul 28, 2023

Inside Forest Code's  
protected areas:

Yes

729 ha inside declared Legal Reserve

Type of  
vegetation:

Wooded Savanna

Priority for Biodiversity Conservation:

No

Conservation area(s) (overlapping or bordering):

-

Indigenous Territories (overlapping or bordering):

-

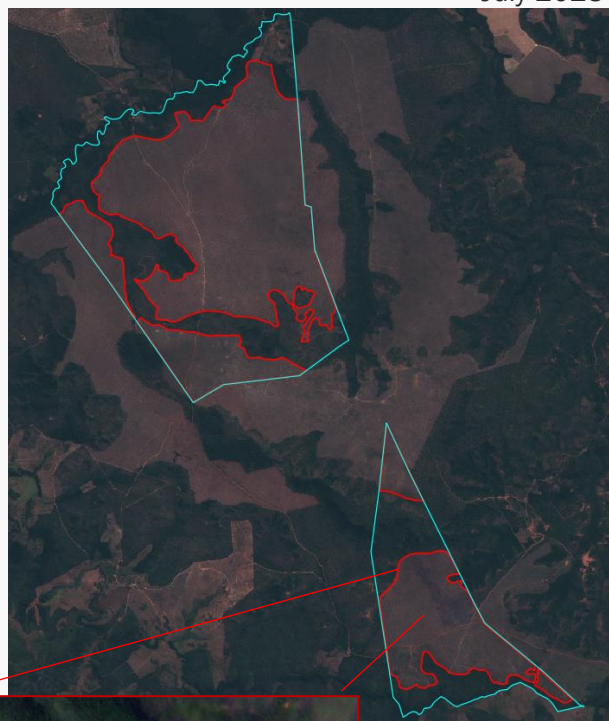
Imagery: limits of the property (blue), limits of the cleared area (red)

April 2023

July 2023



Source: Imagery ©2023 Planet Labs Inc.



Source: Imagery ©2023 Planet Labs Inc.

Fires

26 June 2023



Source: European Union -  
EO Browser Copernicus  
Sentinel data 2023

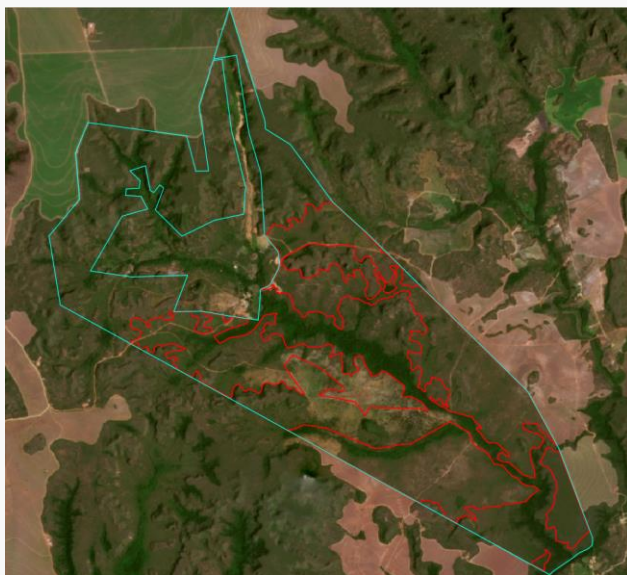
Environmental fines and embargoes			
<b>Embargoes:</b>	No	-	
<b>Environmental fines:</b>	No	-	-
Ownership and other linked properties			
<b>Ownership:</b>	Pedara Agropecuária Industrial e Comércio		
<b>Company group:</b>	Afagro Avarandado Forte Agropecuária (Ribeiro Gonçalves - PI, Recife - PE, ), Afapisa Avarandado Forte Agropecuária do Piauí (Recife - PE, Ribeiro Gonçalves - PI), Floriano Agropecuária (Floriano - PI), Touro Agropecuária (Guaranhuns - PE, Recife - PE), Touro Agropastoril (Recife - PE, Riachão - MA, Luís Eduardo Magalhães - BA)		
<b>Linked properties:</b>	1 other linked property in Mirador (MA): Fazenda Vão do Lameirão (1,790 ha)		
Supply chain links			
<b>Main Commodities</b>	Beef		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	No	-	-
<b>Soy</b>	<b>Warehouses</b> (50 km radius)	3 warehouses owned by individuals and local storage companies/cooperatives	
	<b>Supply chain links &amp; details:</b>	-	
<b>Beef</b>	<b>Slaughterhouses</b> (sourcing from the municipality)	-	
	<b>Supply chain links &amp; details:</b>	-	
<b>Other supply chain links and details:</b>		-	
General comments			
<p>Pedara Agropecuária Industrial e Comércio, owned by Francisca Maria Leite Servian, is registered in Itaperuçu Mirim - MA and Recife - PE as cattle producers (1). Other people linked to the company are Ricardo Servian (deceased) (2) and Luciano Celso Pontes de Paiva. Ricardo Servian is mentioned as a cattle producer with properties in the states of Piauí, Maranhão, Goiás and Bahia (3).</p>			
<p>(1) <a href="https://www.consultasocio.com">https://www.consultasocio.com</a>  (2) <a href="https://www.jusbrasil.com.br/processos/461717530/processo-n-081XXX-0420214050000-do-trf05">https://www.jusbrasil.com.br/processos/461717530/processo-n-081XXX-0420214050000-do-trf05</a>  (3) <a href="https://vitamais.com.br/noticias/geral/integracao-lpf-e-destaque-no-pecforum/365">https://vitamais.com.br/noticias/geral/integracao-lpf-e-destaque-no-pecforum/365</a></p>			



Property			
<b>Gleba Bom Sossego</b>			
Balsas, Maranhão		<b>Cerrado biome</b>	
<b>CAR:</b>	MA-2101400- C59F07A9A0804075B83776993AFECEBF	<b>SIGEF/SNCI:</b>	9500508128628
<b>Area property (ha):</b>	1,930	<b>Coordinates property:</b>	-8.46219, -46.38196
Cleared Area			
<b>Coordinates clearance:</b>		-8.46791, -46.36236	
<b>806 hectares</b>		<b>period clearance:</b> Dec 2022 to Jun 2023	
<b>40,281 tons of CO<sub>2</sub></b>			
<b>- fires alerts</b>			
<b>Inside Forest Code's protected areas:</b>	Yes	60 ha inside declared Legal Reserve	
<b>Type of vegetation:</b>	Wooded Savanna	<b>Priority for Biodiversity Conservation:</b>	Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	

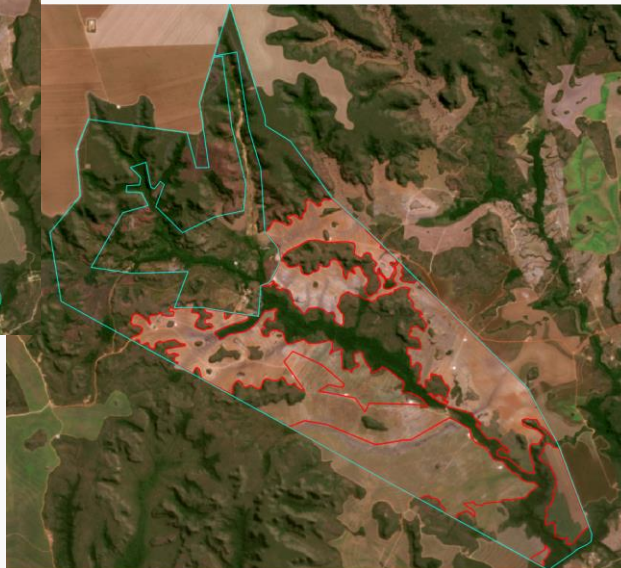
**Imagery:** limits of the property (blue), limits of the cleared area (red)

December 2022




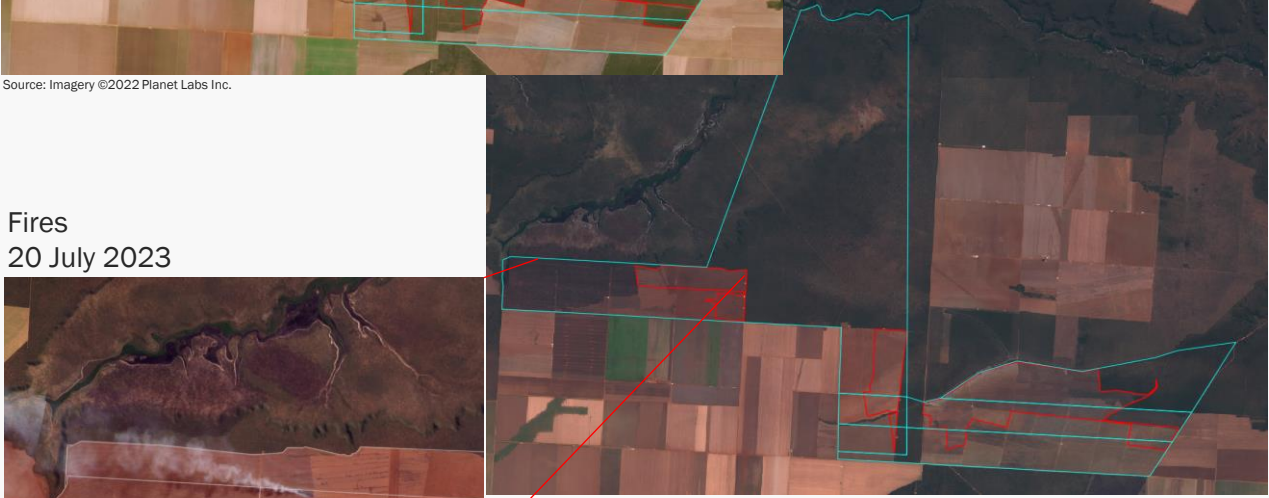
Source: Imagery ©2022 Planet Labs Inc.

June 2023

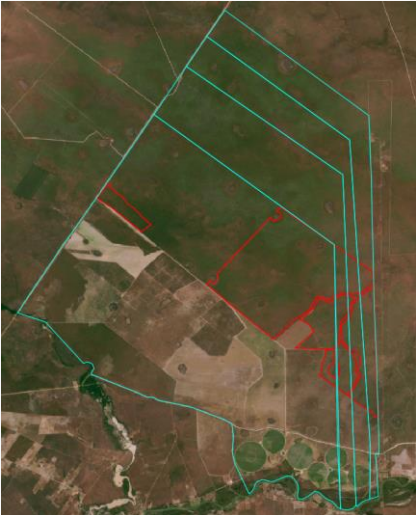
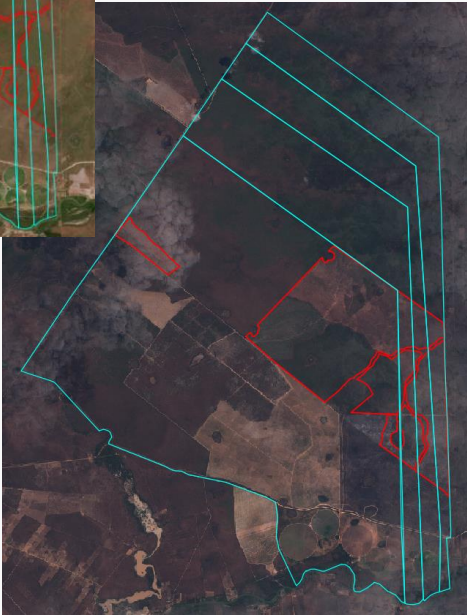



Source: Imagery ©2023 Planet Labs Inc.

Environmental fines and embargoes			
Embargoes:	No	-	
Environmental fines:	No	-	-
Ownership and other linked properties			
Ownership:	Sérgio Antônio Baú		
Company group:	Agrovida Empreendimentos (Balsas - MA), Baú Agronegócios (Parnarama - MA)		
Linked properties:	4 other linked properties, totalling 4,505 ha. In Nova Colinas (MA): Glebas Canto de Pedra e Jussara (290 ha). In Riachão (MA): Glebas Canto de Pedra e Jussara (190 ha), Fazenda Nova Harmonia (2,745 ha). In Pastos Bons (MA): Parte da Gleba Bom Sossego - Data Nazaré (1,280 ha)		
Supply chain links			
Main Commodities	Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor	Yes	Low	Cargill, Bunge
Companies' reply	Cargill: Considering the 10 cases of the present report, "in 2 cases, we negotiated with the mentioned farm or farms close to the one mentioned, and we have evidence that the clearance was legal; in 1 case, we negotiated with the farm in 2022, but now the supplier is blocked."		
Soy	Warehouses (50 km radius)	36 warehouses including 1 owned by Bunge, and 1 owned by Cargill	
	Supply chain links & details:	-	
Beef	Slaughterhouses (sourcing from the municipality)	-	
	Supply chain links & details:	-	
Other supply chain links and details:		-	
General comments			
<p>Sérgio Antônio Baú received the title of citizen of Parnarama (MA), linking him to a company named "Bom Futuro Agrícola" (1). He is active in cotton production (2) but is also linked to soy (3). Sérgio Antônio Baú is also part of the board of the Union of Rural Producers of Balsas (MA) (4). he has one active loan from the Brazilian National Development Bank (BNDES), received in 2013, to finance agricultural activity in Balsas (MA) (5).</p>			
<p>(1) <a href="http://jipereira.com.br/camara-municipal-consagra-empresario-sergio-bau-como-legitimo-panoramense-noticias">http://jipereira.com.br/camara-municipal-consagra-empresario-sergio-bau-como-legitimo-panoramense-noticias</a>  (2) <a href="http://www.esalq.usp.br/acom/clipping/arquivos/29-05-2013_Cotoniculturas_enfrentam_desafios_para_controlar_lagartas_e_ervas_daninhas_Portal_do_Agronegocio_PA.pdf">http://www.esalq.usp.br/acom/clipping/arquivos/29-05-2013_Cotoniculturas_enfrentam_desafios_para_controlar_lagartas_e_ervas_daninhas_Portal_do_Agronegocio_PA.pdf</a>  (3) <a href="https://www.noticiasagricolas.com.br/fala-produtor/mensagem-31824/">https://www.noticiasagricolas.com.br/fala-produtor/mensagem-31824/</a>  (4) <a href="https://diariosulmaranhense.com.br/2020/07/06/sindicato-dos-produtores-rurais-de-balsas-elege-diretoria-para-bienio-2020-2021/">https://diariosulmaranhense.com.br/2020/07/06/sindicato-dos-produtores-rurais-de-balsas-elege-diretoria-para-bienio-2020-2021/</a>  (5) <a href="https://www.bndes.gov.br/wps/portal/site/home/transparencia/consulta-operacoes-bndes">https://www.bndes.gov.br/wps/portal/site/home/transparencia/consulta-operacoes-bndes</a></p>			

Property	
<b>Fazenda Santa Maria / Santa Maria d'Oeste</b>	
Formosa do Rio Preto, Bahia	<b>Cerrado biome</b>
<b>CAR:</b> BA-2911105-E52FFB36A55B4D5FA3710146808C5EFE, BA-2911105-8CB3FD1D05DB4C65834D0C84A34A2E14, BA-2911105-6E0B5D652C0B44648FA4C563F5A8F113, BA-2911105-AFE9B923C46B4B379E564F9A9E215EE6	<b>SIGEF/ SNCI:</b> 4321050368896
<b>Area property (ha):</b> 14,120	<b>Coordinates property:</b> -10.94294, -45.92089
Cleared Area	
<b>Coordinates clearance:</b>	-10.93142, -45.92773
<b>2,265</b> Hectares	<b>period clearance:</b> Jul 2022 to Jul 28, 2023
<b>113,197</b> tons of CO <sub>2</sub>	
<b>102</b> fires alerts	
<b>Inside Forest Code's protected areas:</b>	No - -
<b>Type of vegetation:</b> Wooded Savanna	<b>Priority for Biodiversity Conservation:</b> Extremely high
<b>Conservation area(s) (overlapping or bordering):</b>	Área de Proteção Ambiental do Rio Preto
<b>Indigenous Territories (overlapping or bordering):</b>	-
<p>July 2022</p>  <p style="text-align: right;"><b>Imagery:</b> limits of the property (blue), limits of the cleared area (red)</p>	
July 2023	
<p>Fires 20 July 2023</p>  <p style="text-align: right;"><small>Source: Imagery ©2023 Planet Labs Inc.</small></p>	
<small>Source: European Union - EO Browser Copernicus Sentinel data 2023</small>	

Environmental fines and embargoes				
<b>Embargoes:</b>	No -			
<b>Environmental fines:</b>	Yes (other links)	1 environmental fine in 2003 due to the clearance of native vegetation in the municipality of Uberaba (MG)	BRL 1,500	
Ownership and other linked properties				
<b>Ownership:</b>	Canabrava Agropecuária			
<b>Company group:</b>	Incorporadora Canabrava Empreendimentos Imobiliários, Canabrava Participações, MMA Guarda de Documentos, all registered in Uberaba (MG), and Sociedade de Fomento Mercantil e Serviços (registered in Prata - MG)			
<b>Linked properties:</b>	The company Canabrava Agropecuária operates a cluster of properties in Formosa do Rio Preto (BA), totalling 87,000 ha consisting of the properties Fazenda Santa Maria and Fazenda Santa Maria d'Oeste. There are other 3 linked properties. In Jequié (BA): Fazenda Serra do Xavier (400 ha). In Uberaba (MG): Fazenda Jurema (unknown area). In Prata (MG): Fazenda Piracan (unknown area)			
Supply chain links				
<b>Main Commodities</b>		Soy		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>		Yes	High / Low	Bunge / ALZ Grãos, Cargill
<b>Companies' reply</b>	Cargill: Considering the 10 cases of the present report, "in 2 cases, we negotiated with the mentioned farm or farms close to the one mentioned, and we have evidence that the clearance was legal; in 1 case, we negotiated with the farm in 2022, but now the supplier is blocked."			
<b>Soy</b>	<b>Warehouses (50 km radius)</b>	31 warehouses including 2 owned by Bunge, 2 by Cargill, and 1 by ALZ Grãos		
	<b>Supply chain links &amp; details:</b>	Fazenda Santa Maria supplied soy to Bunge in 2017		
<b>Beef</b>	<b>Slaughterhouses (sourcing from the municipality)</b>	-		
	<b>Supply chain links &amp; details:</b>	-		
<b>Other supply chain links and details:</b>		The property produces also cotton and corn		
General comments				
<p>Canabrava Agropecuária is one of Brazil's most prominent breeders of American Quarter Horses. Based in Uberaba (MG), the company was established in 1971 by Ferdinando José de Assumpção (deceased in 2018) and is now owned by his son Mario Fernando Palmério Assumpção (1). In 2020, Canabrava Agropecuária received authorization to clear 3,159 hectares of native vegetation in the cluster of Fazenda Santa Maria in Formosa do Rio Preto (BA), despite the suspicion of being linked to land-grabbing operations in the region (2). In 2019, the property Fazenda Santa Maria d'Oeste had 663 ha of native vegetation converted to soybean cultivation (2). Canabrava Agropecuária has links to Chongqing Grain Group and intends to attract Chinese groups for investment in the agribusiness sector in Uberaba (MG) (3). Currently, Canabrava Agropecuária holds BRL 9.7 million in debts with the Brazilian government (4). In 1999 the property Fazenda Santa Maria was listed as a land-grabbing case by the National Institute for Colonization and Agrarian Reform (INCRA), and in 2021, had been linked to conflicts with local communities that claim the ownership of the territory (5). In May 2022, the property Fazenda Santa Maria was visited by an operation of the Civil and Militar Polices to assess conflicts with local communities in the region (6). In February 2023, the Court of Justice obliged the company Canabrava Agropecuária to allow local communities to circulate in the area and to pay an indemnification of BRL 200,000 for blocking access to the area in previous years (7). One of the properties that are part of Fazenda Santa Maria d'Oeste cluster (8 and Gleba J, with another CAR declaration - BA-29111105-AB738498EBFC48FBB9AFFED4253467F9), has the authorization to clear 1,295 hectares of native vegetation valid until August 2023 for agricultural activities (8).</p>				
<p>(1) <a href="http://cbonline.com.br">http://cbonline.com.br</a>  (2) <a href="https://deolhonosruralistas.com.br/2020/07/22/autorizacoes-para-desmatamento-na-bahia-incluem-gigante-da-celulose-e-fazendeiro-parricida/">https://deolhonosruralistas.com.br/2020/07/22/autorizacoes-para-desmatamento-na-bahia-incluem-gigante-da-celulose-e-fazendeiro-parricida/</a>  (3) <a href="https://uniube.br/mariopalmerio">https://uniube.br/mariopalmerio</a>  (4) <a href="http://g1.globo.com/minas-gerais/triangulo-mineiro/noticia/2017/01/interessado-no-potencial-do-triangulo-mineiro-grupo-chines-visita-uberaba.html">http://g1.globo.com/minas-gerais/triangulo-mineiro/noticia/2017/01/interessado-no-potencial-do-triangulo-mineiro-grupo-chines-visita-uberaba.html</a>  (5) <a href="https://www.campanhacerrado.org.br/noticias/309-atentado-em-formosa-do-rio-preto">https://www.campanhacerrado.org.br/noticias/309-atentado-em-formosa-do-rio-preto</a>  (6) <a href="https://portaldocerrado.com/justica-realiza-diligencias-em-areas-de-conflitos-de-terras-em-formosa-do-rio-preto/">https://portaldocerrado.com/justica-realiza-diligencias-em-areas-de-conflitos-de-terras-em-formosa-do-rio-preto/</a>  (7) <a href="http://ne3.caritas.org.br/noticias/a-luta-pelo-territorio-da-comunidade-geraizeira-de-sao-marcelo-conquista-vitoria-judicial">http://ne3.caritas.org.br/noticias/a-luta-pelo-territorio-da-comunidade-geraizeira-de-sao-marcelo-conquista-vitoria-judicial</a>  (8) INEMA, Bahia</p>				

Property			
<b>Fazenda Aroeira, Botafogo, Paraíso, Fazenda Umuarama (SNCI) / Fazenda Nova Holanda (CAR)</b>			
Cotegipe, Bahia		<b>Cerrado biome</b>	
<b>CAR:</b>	BA-2909406-5845BA6A94C94F45AA38768E535E3DAE, BA-2909406-97A5C898E8A3488885FFD87A684AFE78, BA-2909406-E952B83079F44691B0FE8DB8F0051E44, BA-2909406-2FCF8001A49D4841957A8D14757FB630, BA-2909406-B73638B2FFDB4B40B396FF4A6BE078FC	<b>SIGEF/SNCI:</b>	9500336089471, 9500336089552, 3010600260932, 3010860263013
<b>Area property (ha):</b>	17,657	<b>Coordinates property:</b>	-11.61852, -44.58888
Cleared Area			
<b>Coordinates clearance:</b>		-11.65073, -44.57794	
<b>2,829 hectares</b>		<b>period clearance:</b>	Jul 2022 to Jul 28, 2023
<b>363,677 tons of CO<sub>2</sub></b>			
<b>- fires alerts</b>			
<b>Inside Forest Code's protected areas:</b>	No	- -	
<b>Type of vegetation:</b>	Forested Savanna	<b>Priority for Biodiversity Conservation:</b>	Very high
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	
<p>July 2022</p>  <p><b>Imagery:</b> limits of the property (blue), limits of the cleared area (red)</p>			
<p>March 2023</p> 			
<p>July 2023</p> 			
Source: Imagery ©2022 Planet Labs Inc.		Source: Imagery ©2023 Planet Labs Inc.	

Environmental fines and embargoes			
<b>Embargoes:</b>	No	-	
<b>Environmental fines:</b>	Yes	1 environmental fine in 2013 at Fazenda Campo Largo do Rio Grande (Cotegipe, BA) for the exploration of forest inside legal reserve outside personal domain.	BRL 123,000
Ownership and other linked properties			
<b>Ownership:</b>	Caracol Agropecuária		
<b>Company group:</b>	Caracol Agropecuária is linked to Guara LLC, Companhia Rio Grande and Alexandre Magdo de Araújo Delmondes and it is registered in Cotegipe (BA), Barreiras (BA), and Floriano (PI)		
<b>Linked properties:</b>	24 other properties, totalling 108,762 ha. In Santa Filomena (PI): Fazenda Kajubar (9,377 ha), Fazenda Primavera (1,126 ha), Fazenda Salto (1,187 ha), Fazenda Tagi (2,579 ha), Fazenda Zodorica (413 ha), Fazenda Belo Monte (173 ha) and Fazendas Novas e Outras (4,996 ha); in Alto Parnaíba (MA): Fazenda Mangabeira (1,805 ha), Fazenda Gleba Serra (363 ha), Fazenda Altamira (1,021 ha), Fazenda Cristalina (3,611 ha) and Fazenda São Francisco (17,785 ha); in Riachão (MA): Fazenda Chapadinha Primeira do Norte (440 ha); in Balsas (MA): Fazenda Ponta da Serra (2,798 ha); in Itacajá (TO): Fazenda Telha (1,007 ha); in Santa Maria do Tocantins (TO): Fazenda Porto Alegre (2,301 ha). In Mansidão (BA): Fazenda Cachoeirinha (18,340 ha). In Cotigipe (BA): Fazenda Mundo Novo (775 ha), Fazenda Nossa Senhora da Conceição da Praia (1,365 ha), Fazenda Botafogo II (1,400 ha), Fazenda Nova Esperança III (2,700 ha), Fazenda Nova Esperança (10,000 ha), Fazendas Campo Largo do Rio Grande I, II and III (11,440 ha), Fazenda Caiçara I (11,760 ha)		
Supply chain links			
<b>Main Commodities</b>		Soy	
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>		Yes	-
<b>Soy</b>	<b>Warehouses</b> (50 km radius)	3 warehouses owned by individuals and local storage companies/cooperatives	
	<b>Supply chain links &amp; details:</b>	-	
<b>Beef</b>	<b>Slaughterhouses</b> (sourcing from the municipality)	-	
	<b>Supply chain links &amp; details:</b>	-	
<b>Other supply chain links and details:</b>		-	

## General comments

In 2019 and 2020, Caracol Agropecuária received 2 authorizations issued by Inema (Bahia), allowing the clearance of 5,212 hectares of native vegetation (valid until October 2023) and 2,911 hectares of native vegetation (valid until October 2024) to implement cattle activities at the properties Umuarama, Bebedouro, Fazenda Nova Holanda, Agropecuária Nossa Senhora de Fátima I, Nossa Senhora de Fátima II and Paraíso (1). In 2021, another authorization was issued by Inema (Bahia), allowing the clearance of 2,444 hectares of native vegetation in the property Umuarama (valid until June 2025) (1). The authorizations issued between 2019 and 2021 in the name of Caracol Agropecuária cover 10,567 hectares of native vegetation to be cleared. Caracol Agropecuária is currently registered in the name of Companhia Rio Grande (represented by Ricardo Reia Queiroz Tosta), Guara LLC (registered in the United States in the name of Danilo Geraldi Arruy) and managed by Alexandre Magdo de Araújo Delmondes (2). According to information from local organizations, the area mentioned in the case is under a court case linked to land grabbing (3). In January 2023, the State of Bahia suspended the area's registration (4). This would mean that no activities in the area would be allowed after the registration suspension, and among the 2,829 hectares reported as clearance of native vegetation in this case, around 2,104 hectares were cleared since January 2023.

(1) Inema, Bahia

(2) <https://cnpj.biz/09098053000242>

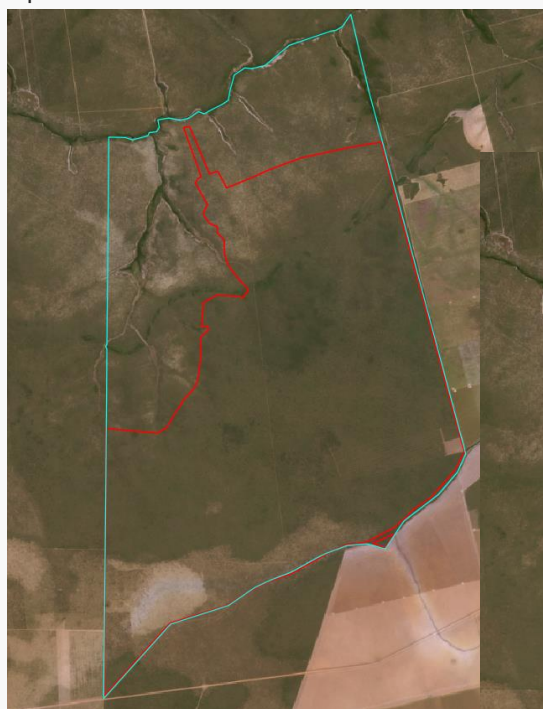
(3) <https://brasil.mongabay.com/2020/10/apos-se-envolver-na-grilagem-de-140-mil-hectares-harvard-escapa-da-justica-na-bahia/>

(4) Undisclosed source

Property			
<b>Fazenda Porto Cercado</b>			
Jaborandi, Bahia		<b>Cerrado biome</b>	
<b>CAR:</b>	BA-2917359- 48A552D3AF3D49AB8234297004D55CA9	<b>SIGEF/SNCI:</b>	9500767495752
<b>Area property (ha):</b>	9,277	<b>Coordinates property:</b>	-13.79152, -45.21127
Cleared Area			
<b>Coordinates clearance:</b>		-13.80765, -45.20479	
<b>6,459</b>	<b>Hectares</b>	<b>period clearance:</b>	Apr 2022 to Jun 2023
<b>830,326</b>	<b>tons of CO<sub>2</sub></b>		
<b>233</b>	<b>fires alerts</b>		
<b>Inside Forest Code's protected areas:</b>	No	- -	
<b>Type of vegetation:</b>	Forested Savanna	<b>Priority for Biodiversity Conservation:</b>	No
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	

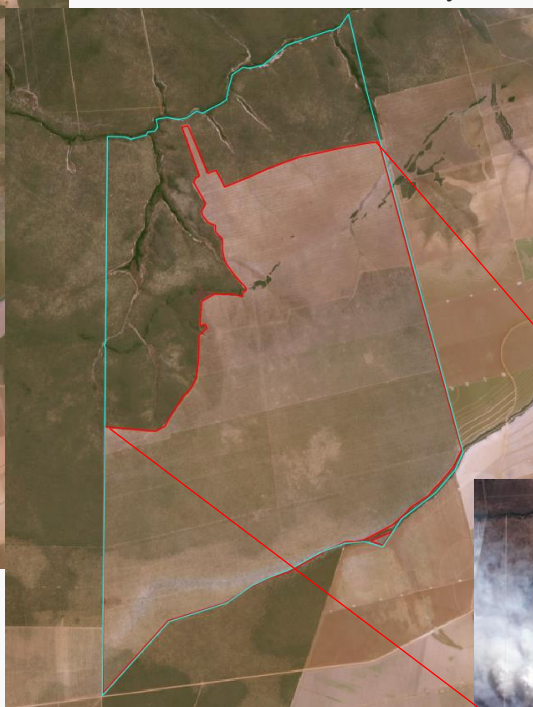
**Imagery:** limits of the property (blue), limits of the cleared area (red)

April 2022



Source: Imagery ©2022 Planet Labs Inc.

July 2023



Source: Imagery ©2023 Planet Labs Inc.

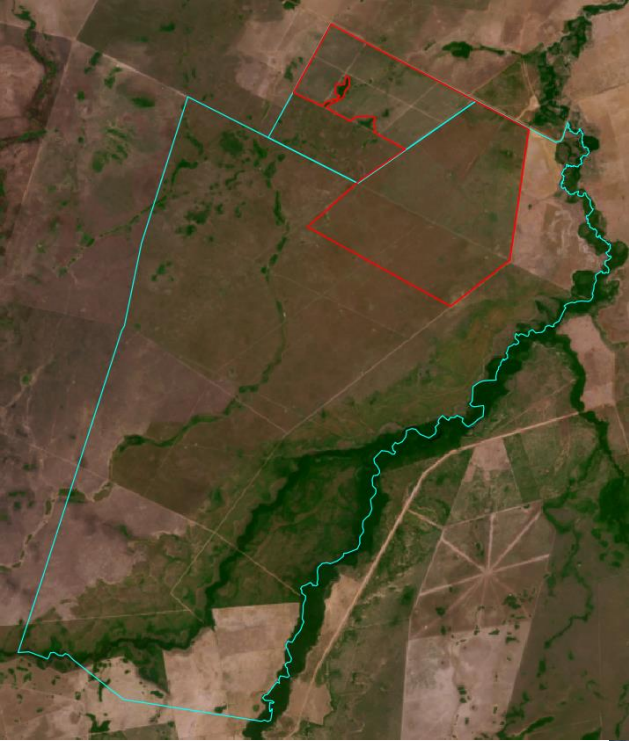
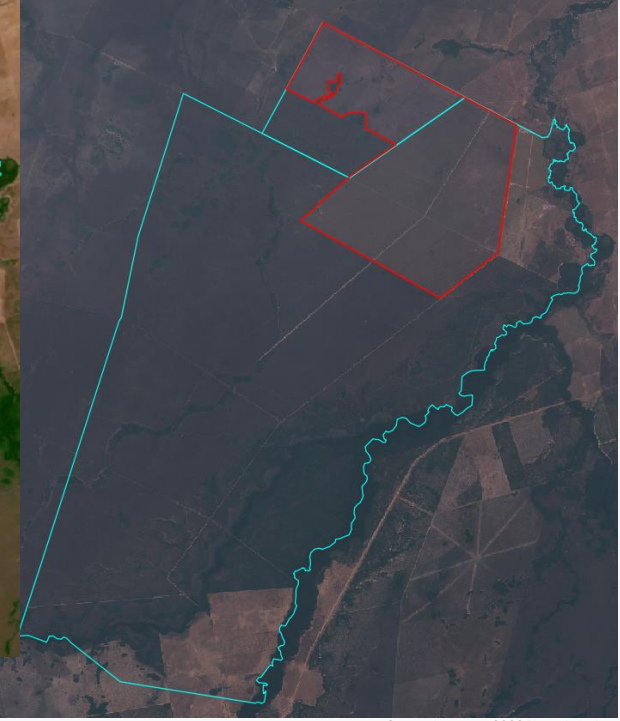
**Fires**  
28 May 2023



Source: European Union - EO Browser Copernicus Sentinel data 2023



Environmental fines and embargoes			
Embargoes:	No	-	
Environmental fines:	No	-	-
Ownership and other linked properties			
Ownership:	Lorenei Arlindo Donatti		
Company group:	Donatti Comercial Agropecuária (Barreiras - BA)		
Linked properties:	2 other linked properties, totalling 4,430 ha. In Correntina (BA): Fazenda Santo Antônio do Rio do Meio (3,900 ha). In Barreiras (BA): Fazendas San Marino II and III (530 ha)		
Supply chain links			
Main Commodities	Soy		
Confirmed supply chain link, level of certainty, and soy trader/ beef processor	No	-	-
Soy	Warehouses (50 km radius)	10 warehouses owned by individuals and local storage companies/cooperatives	
	Supply chain links & details:	-	
Beef	Slaughterhouses (sourcing from the municipality)	-	
	Supply chain links & details:	-	
Other supply chain links and details:		-	
General comments			
<p>In 2019, the property Fazenda Porto Cercado received authorization to get 261,312 cubic meters of water from Rio Arrojado (watershed of Corrente River) (1), the second largest volume authorized for water use from the Corrente River (2, 3). In 2022, Donatti received authorization to clear 3,410 hectares of native vegetation on Fazenda Porto Cercado (Jaborandi - BA), valid until April 2025 (4).</p>			
<p>(1) INEMA (Portaria nº 17.635 de 04 de janeiro de 2019)  (2) <a href="https://www.facebook.com/ChegaDeDesmatamentoNaBahia/posts/sos-cerradogoverno-do-estado-autoriza-uso-de-261312-metros-cubicos-de-agua-por-d/1320674661407441">https://www.facebook.com/ChegaDeDesmatamentoNaBahia/posts/sos-cerradogoverno-do-estado-autoriza-uso-de-261312-metros-cubicos-de-agua-por-d/1320674661407441</a>  (3) <a href="https://www.folhageral.com/ambiente/2021/12/08/os-privilegiados-com-a-agua-do-cerrado-baiano">https://www.folhageral.com/ambiente/2021/12/08/os-privilegiados-com-a-agua-do-cerrado-baiano</a>  (4) INEMA, Bahia</p>			

Property			
<b>Fazenda Santa Silvia (SIGEF) / Fazenda Barro Alto (CAR)</b>			
Cocalinho, Mato Grosso		<b>Cerrado biome</b>	
<b>CAR:</b>	MT-5103106- 10E8C33A62AC4FBFACE2D66240104778	<b>SIGEF/SNCI:</b>	9011130054018
<b>Area property (ha):</b>	18,927 (SIGEF) / 1,502 (CAR)	<b>Coordinates property:</b>	-14.28429, -51.38092
Cleared Area			
<b>Coordinates clearance:</b>		-14.20439, -51.35458	
<b>3,168</b>	hectares	<b>period clearance:</b>	Oct 2022 to Jul 29, 2023
<b>62,514</b>	tons of CO <sub>2</sub>		
-	fires alerts		
<b>Inside Forest Code's protected areas:</b>	Yes	940 ha inside declared Legal Reserve	
<b>Type of vegetation:</b>	Savanna Park	<b>Priority for Biodiversity Conservation:</b>	No
<b>Conservation area(s) (overlapping or bordering):</b>		-	
<b>Indigenous Territories (overlapping or bordering):</b>		-	
<b>Imagery:</b> limits of the property (blue), limits of the cleared area (red)			
October 2022			
		July 2023	
<small>Source: Imagery ©2022 Planet Labs Inc.</small>			
		<small>Source: Imagery ©2023 Planet Labs Inc.</small>	

## Environmental fines and embargoes

<b>Embargoes:</b>	Yes	1 embargo by the Environmental Agency of Mato Grosso for illegal clearance of native vegetation on 22 June 2023. Agropecuária Santa Silvia other has 3 embargos issued by the Environmental Agency of Mato Grosso in 2016, 2018 and 2022, and 1 embargo issued by Ibama in 2019 due to the illegal clearance of 1,050 hectares of native vegetation in Fazenda Silvia
<b>Environmental fines:</b>	Yes	1 environmental fine for the clearance of 729 hectares without authorization was issued on 22 June 2023. Agropecuaria Santa Silvia had 6 environmental fines issued by Ibama, 3 in 2020 and 3 in 2019. One other environmental fine was issued in 2022 by the Environmental Agency of Mato Grosso due to the illegal clearance of 159,6 hectares of native vegetation in 2020. Agropecuária Jubran received other 5 environmental fines in 2006 linked to a property in Bataypora (MS)

BRL  
729,895

## Ownership and other linked properties

<b>Ownership:</b>	Agropecuária Santa Silvia (SIGEF)/ Casa 5 Investimentos e Participações (CAR)
<b>Company group:</b>	Casa 5 Investimentos e Participações, Agropecuária Santa Silvia, Jubran Agropecuária
<b>Linked properties:</b>	13 other properties totalling at least 125,282 ha. In Cocalinho (MT): Fazenda Santa Silvia (53,490 ha), Fazenda Santa Maria (9,407 ha), Fazenda Molha Saco (unknown area), Fazenda Pesqueiro (unknown area), Fazenda Amparo (unknown area), Fazenda Ipê (2,000 ha). In Cáceres (MT): Fazenda Estreita (270 ha). In Anaurilândia/Batayporã (MS): Fazenda Santa Ilídia (25,080 ha). In Presidente Epitácio (SP): Fazenda Ponte Funda (2,285 ha). In Alvorada do Sul (MS): Fazenda Jauru (unknown area). In Narandiba (SP): Fazenda Nova Damasco (8,620 ha). In Santa Fé de Goiás (GO): Fazenda Jussara (2,250 ha). Unknown municipality: Fazenda Formosa (21,880 ha)

## Supply chain links

<b>Main Commodities</b>	Beef		
<b>Confirmed supply chain link, level of certainty, and soy trader/ beef processor</b>	Yes	High / Medium	JBS / Marfrig
<b>Companies' reply</b>	Marfrig: Fazenda Santa Silvia and Ipê (a linked property) are "blocked to supply Marfrig once they do not meet the company's socio-environmental criteria." However, the properties Santa Ilídia and Juaru (intermediate direct suppliers to Marfrig), "are in accordance with all of Marfrig's socio-environmental commitments".		
<b>Soy</b>	<b>Warehouses (50 km radius)</b>	1 warehouses owned by individuals and local storage companies/cooperatives	
	<b>Supply chain links &amp; details:</b>	-	
<b>Beef</b>	<b>Slaughterhouses (sourcing from the municipality)</b>	6 different slaughterhouses source cattle from Cocalinho (MT), including: 2 owned by JBS (Barra do Garças - MT, Água boa - MT), 2 by Marfrig (Nova Xavantina - MT, Paranatinga - MT)	
	<b>Supply chain links &amp; details:</b>	Agropecuária Jubran (Cocalinho - MT) directly supplied JBS (Água Boa - MT) in 2019. Linked properties, Fazenda Santa Ilídia (Bataguassu - MS) and Fazenda Jauru (Nova Alvorada do Sul - MS), directly supplied Marfrig (Bataguassu - MS) in 2019. A linked property, Fazenda Estreita (Cáceres - MT), directly supplied JBS (Araputanga - MT) in 2018.	
<b>Other supply chain links and details:</b>		-	

## General comments

The reported cleared area was embargoed on 22 June 2023 by the Environmental Agency of Mato Grosso due to the clearance of 729 hectares without authorization, and the property received an environmental fine of BRL 729,895 for the same reason (1). Adriana Jubran Marques appears as one of the shareholders of Agropecuária Jubran (2), founded by Samir Jubran, who deceased in 2012 (3). Samir Jubran was the largest cattle producer in Brazil in the 1990s, with more than 15,000 cattle herds and 300,00 hectares of properties (4). He was also involved in integrated systems between crop and cattle production and sugar cane, pulp, and paper production (5).

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

(2) <https://www.escavador.com/diarios/85444/DOESP/empresarial/2015-08-12?page=26>

(3) <https://globo rural.globo.com/Revista/Common/0,,ERT324259-18071,00.html>

(4) <https://www.acrissul.com.br/pecuaria/morre-samir-jubran-o-rei-do-gado-que-integrou-pecuaria-e-lavoura-para-lucrar-mais/6735/>

(5) [https://www.em.com.br/app/noticia/nacional/2012/11/17/interna\\_nacional,330447/morre-samir-jubran-um-dos-maiores-pecuaristas-brasileiros.shtml](https://www.em.com.br/app/noticia/nacional/2012/11/17/interna_nacional,330447/morre-samir-jubran-um-dos-maiores-pecuaristas-brasileiros.shtml)

Deforestation and fire alert data are the starting point of the analysis for each case study. After confirming the clearance of native vegetation through satellite imagery, each of the cases is analyzed 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 using publicly available data.

### **Deforestation & Fire**

We processed deforestation alert data from the INPE/Deter program for both biomes, Amazon and Cerrado. The Global Forest Watch (GLAD alerts) and the Mapbiomas Alertas platforms are alternative sources. The fire alerts are checked in the NASA/Firms platform and processed using the 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 owner. The land ownership registration on local notary offices is not checked and might differ from 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 essential to highlight that CAR is not recognized as official ownership data.

### **Brazilian Forest Code protected areas**

*The Brazilian Forest Code defines Legal Reserves and Permanent Preservation Areas (APP) 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, and 20% other areas]. 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 managing the Officially recognized Natural Reserves according to the National System of Natural Reserves (SNUC – Sistema Nacional de Unidades de Conservação). The SNUC determines the 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 to 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 from IBAMA, the Federal Environment Agency. Embargoes are areas where any 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 addressing the problem. Environmental fines are usually linked to regulation infractions and are addressed to the property owner.

## Company Group and linked properties

Once the ownership of the property is linked to an individual, we use the SINTEGRA database to check all the registered companies under this individual or group of individuals' names. If a company already registers the ownership, we also check the corporate structure of the company through open-source 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 SNCI.

## Level of certainty of links to soy traders and beef processors

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

## Leading exporters (municipality), warehouses, and slaughterhouses

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

## CO<sub>2</sub> Emissions

The calculation of CO<sub>2</sub> emissions refers to the “above-ground carbon emissions” according to the cleared vegetation type(s) [Source: [Nogueira et al. \(2015\)](#). *Carbon stock loss from deforestation through 2013 in Brazilian Amazonia*]. The tons of CO<sub>2</sub> emission is calculated per type of vegetation times the ratio of molecular weight of carbon dioxide to carbon (44/12) times the number of hectares cleared.

For more info, please contact:

Joana Faggin ([joana@aidenvironment.org](mailto:joana@aidenvironment.org)) or Marco Garcia ([garcia@aidenvironment.org](mailto:garcia@aidenvironment.org))



European  
Climate  
Foundation

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