

PROPERTY PRODUCT

UCF

GENERAL DATA

Project proponent: Agropecuária J L LTDA

Developer: Neo Green Consultoria Ambiental Ltda

Municipality of the property: Alto Araguaia – MT

Total area of the property: 2.387,47 ha

Project area: 2.102,83 ha

Geographic coordinates (Lat/Long): 17°53'24.08"S; 53°38'54.83"O

PROPERTY DOCUMENTATION

Registration: 12.770 – 1º Property Registry Service and Document Titles of Alto Araguaia/MT

CCIR: 000.019.383.538-4

CAR: MT-5100300-7AD736CDA8EC415AA948469B30579AD0

GENERAL PRODUCT INFORMATION

Number of UCFs: 423.381,79tCO₂e

Inventory date: From May 18, 2023 to May 24, 2023

Crediting period: 2023 to 2024

Product year: 2023

Validity start date: May 24, 2023

Expiration date: May 24, 2024

PRODUCT BRIEF DESCRIPTION

The Morro do Fogo Farm Project aims to protect, conserve and develop reforestation and revegetation actions in the pasture areas present in the project area. Thus, this project contributes to the mitigation of climate change by focusing on reducing carbon emissions from deforestation and degradation (REDD) and reforestation, revegetation and afforestation (ARR), in order to conserve the Cerrado Forest standing, and recover areas previously with activities of livestock. The Morro do Fogo Farm is located in the Municipality of Alto Araguaia - Mato Grosso, central-west of Brazil, its area is inserted within the Cerrado Biome.

Currently, the Cerrado Biome is facing a series of threats to its biodiversity, which are mainly related to two economic activities: intensive grain monoculture and low-technology extensive livestock. The use of techniques for the intensive use of soils has, for years, led to the depletion of local resources. The indiscriminate use of pesticides and fertilizers has also contaminated the soil and water. Because it is such a threatened Biome, the preservation of the forest remnants that still exist, as in the case of Fazenda Morro do Fogo, is extremely important for the biodiversity of this region.

The project area has 2,102.83 hectares of native vegetation inserted between the Forested Savannah and Arborizada Savannah transitions (Cerrado Stricto Sensu), and features two project categories, ARR and REDD (REDD_PL and REDD_PA). Annually, the project will remove 67,830.74 tCO₂e through reforestation/revegetation of pastures and will avoid emissions of 355,551.05 tCO₂e from deforestation or degradation, so this project brings benefits to the climate, biodiversity, water and soil of the Cerrado.

GREEN PROPERTY PRODUCT

The green UCF - CPR product whose forest product is defined in accordance with Federal Decree No. 10828 of October 1, 2021, aims to reduce carbon emissions from deforestation and degradation (REDD) and reforestation,

revegetation and afforestation (ARR), in order to keep the Cerrado Forest standing, and recover areas formerly with livestock activities. The table below shows the amount of UCF to be protected for the base year from 2023 to 2024.

Table 1. Product of the Property.

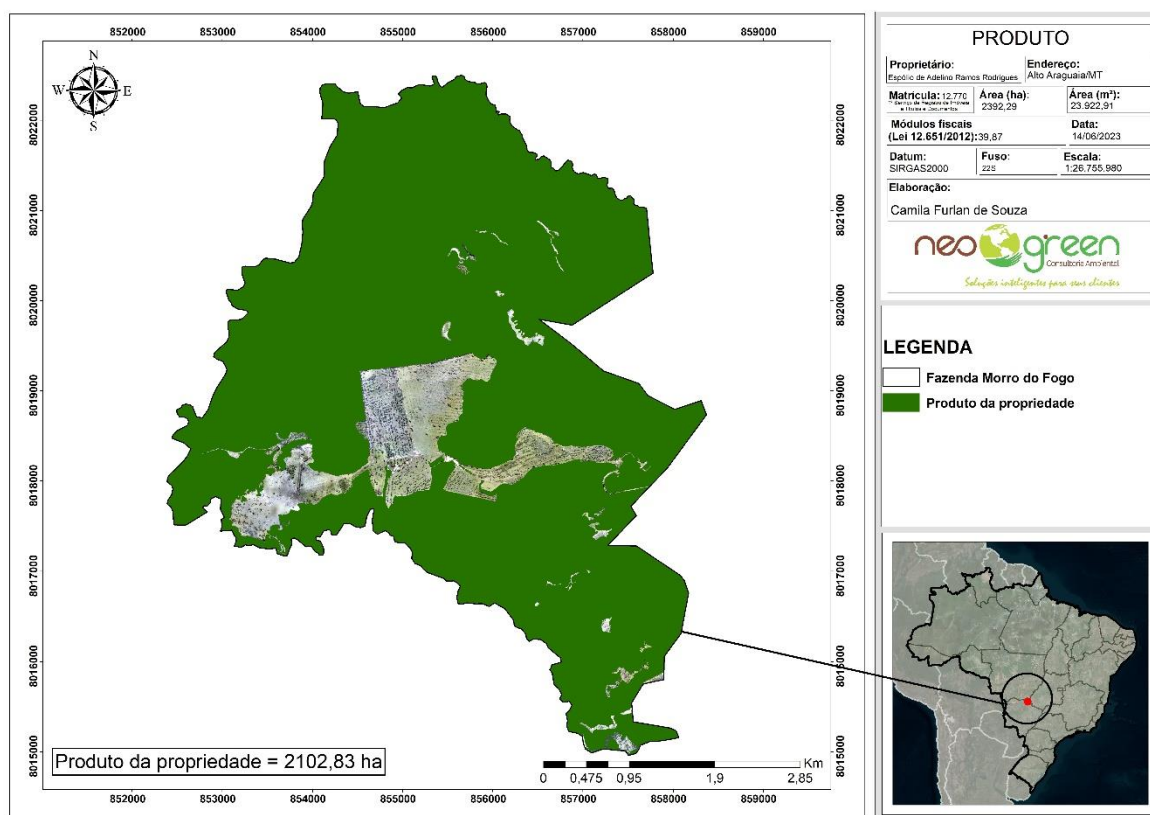
Project type	Total removals and avoided emissions (tCO _{2e})	UCF _{ARR+REDD} (tCO _{2e})
UCF _{ARR}	67,830.74	423,381.79
UCF _{REDD_PL}	264,531.14	
UCF _{REDD_PA}	91,019.91	

PRODUCT LOCATION

The property's green product is located in the municipality of Alto Araguaia - Mato Grosso, on the banks of the Ariranha River, in the center west of Brazil and in the north of the state.

The area of native vegetation to be protected according to this document is 2,102.83 hectares, located in the geographic coordinates described in the descriptive memorial attached to this document, Figure 1 shows the area of generation of green rural product - UCF.

Figure 1. Property and product location.



Information on the coordinates of each vertex and borders of the property are available in the georeferencing plan of the property and descriptive memorial sent to SIGEF/INCRA and is attached to this document (Annex IV - Georeferencing plan and Annex V - Descriptive georeferencing memorial).

The descriptive memorial of the project area (remnants of native vegetation) is available in Annex VII of this document.

BIODIVERSITY OF THE PROPERTY

The property presents 181 species belonging to 49 families in the 16 Sampling Units demarcated in the field.

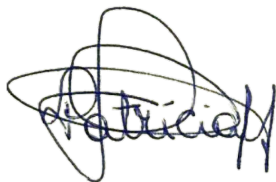
The property's vegetation also helps to protect the Ariranha River, which runs on the property's boundary, in addition to being one of the only remnants of native vegetation in the region.

The area stands out for the presence of species of birds, amphibians and mammals, which depend on the vegetation for shelter and food.

Protecting this environment from the entry of domestic animals from degradation and deforestation is essential for the maintenance of the ecosystem present there.

DECLARATION

I hereby declare that the information presented in this document is true.



Joinville, August 11, 2023

Patricia de Luca Lima Greff
Technical manager
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