Estamos convencidos de la importancia de preservar y recuperar espacios naturales mediante la siembra de árboles

PLANTING TECHNICAL SHEET

GENERAL INFORMATION

Donor:	**ONE TREE PLANTED, INC.**	**ID number:**	**46-4664562**
Planting Date:	**2023-06-09**	**Planting Number:**	**943**

OBJECTIVE

Accomplish reforestation processes in environmentally important areas within the Rionegro municipality, by planting 987 trees with the support of the company ONE TREE PLANTED.

LOCATION|

Lomas de Villa María, Peru is located at an elevation of 426 meters above sea level. It has a temperature range between 24 and 28°C and an average annual precipitation of 264 mm. The planting site is within the life zone according to Holdridge's Tropical Thorny Mountain (Mt-T) classification. The planting site is an ecosystem of hills that provides numerous ecosystem services due to its high biodiversity. The change in land use is one of the main anthropogenic pressures, primarily driven by mining, land trafficking, infrastructure projects, livestock farming, among others. Red de Árboles Foundation, with the support of its donors, aims to support this Lomas de Paraíso initiative in order to create a barrier that prevents the regression of this ecosystem and restores areas that have been affected by these issues.

Longitude:	**Latitude:**
-76.92253	**-12.144802**
-76.923036	**-12.145196**
-76.923472	**-12.145402**
-76.923469	**-12.145405**
-76.92253	**-12.144802**

Departament: Lima	**City: Lima**	**Area: Lomas del Paraiso**

PLANTING DESIGN

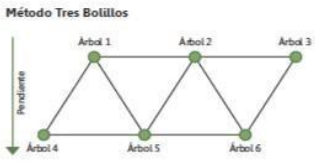

Imagen 2: Diseño de siembra tresbolillo (Gutiérrez, 2011)

The triangular planting system (known as “tresbolillo” in spanish) consists of trees in groups that form an equilateral triangle every three individuals. This system is used in our planting sessions because it allows the tree to grow well without becoming a competition for resources with other planted trees, as well as providing considerable abundance on a given piece of land.

PLANTING SPECIES

Common Name:	Amount:	Ecological Importance:
Palo Verde	**105**	**Species that has specialized in areas with water problems, either excessive or scarce. Its wood is used as firewood and charcoal. It is planted for ornamental purposes and regenerates vigorously after heavy pruning. This species is fast-growing, easy to plant and cultivate, it adapts to a wide range of environments and soils and is highly resistant to droughts.**
Tara	**105**	**Shrubby species, slow-growing, tolerant to low-fertility soils. This species helps regulate erosion and fixes nitrogen in the soil, benefiting the plants growing around it. Additionally, it is a thorny species that provides medicinal resources**

ENVIRONMENTAL CONTRIBUTION AND OBSERVATIONS

The planted trees are of great environmental support as they help create homogeneity in the planting site and attract pollinators and dispersing fauna, which contribute to the reforestation process. Additionally, with their roots, they prevent landslides and act as barriers, preventing sediments and contaminants from reaching the rivers and streams in the area. The trees also help control soil erosion in this dry zone by attracting water from aquifers and providing various nutrients to the soil.

PHOTOGRAFIC RECORD

Prepared by: Valentina Munar Torres	**Approved by: NICOLE**

CRA 12 N° 96-81 Of. 401
https://www.reddearboles.org/

Environmental Departament Contact
administracion@reddearboles.org
3007570862