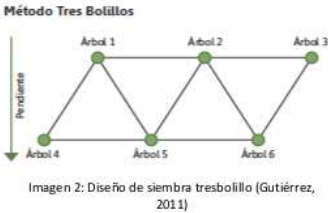




FICHA TÉCNICA DE SIEMBRA

INFORMACIÓN GENERAL			
Donante:	ONE TREE PLANTED, INC.	Número de identificación:	46-4664562
Fecha de siembra:	2023-04-01	Número de siembra:	874
OBJETIVO			
Carry out reforestation processes in environmentally important areas within the Sumapaz Paramo by planting 686 trees with the support of the company ONE TREE PLANTED.			
LOCALIZACIÓN			
		<p>The planting zone of the Sumapaz Paramo is located at an elevation between 3000 and 4000 meters above sea level, with temperatures ranging from 0-10°C and precipitation between 3000 and 4500 mm per year, which limits the development of some species causing them to adapt to the conditions. This ecosystem has three types of environments that correspond to the proper paramo, super-paramo, and sub-paramo; in which a wide range of endemic flora species develop, representing the great biological, ecological, and genetic diversity of the area.</p>	
		Longitud:	Latitud:
		-74.226212	4.404479
		-74.225805	4.404616
		-74.2256718	4.404048
		-74.2260827	4.4039743
		-74.226212	4.404479
		Departamento: Cundinamarca	Ciudad: Sibaté
DISEÑO DE SIEMBRA			

<p>Método Tres Bolillos</p>  <p>Imagen 2: Diseño de siembra tresbolillo (Gutiérrez, 2011)</p>	<p>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.</p>
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ESPECIES SEMBRADAS		
Nombre común:	Cantidad:	Importancia ecológica:
Cucharo	186	Fast-growing species that adapts to areas with adverse environmental conditions and provides a large amount of biomass to the soil to create an organic matter cushion that provides nutrients and facilitates the adaptation of other species.
Arrayan	350	Their fruits are attractive to pollinators and seed dispersing animals, which makes them very useful in the early stages of restoration processes.
Mortiño	180	It is a species of great importance in the restoration processes of Andino forests, as it attracts large quantities of bird and insect dispersers, both due to the attractiveness of its flowers and its fruits. Additionally, it is a pioneer species that adapts well to degraded soils that are poor in nutrients.

APORTE AMBIENTAL Y OBSERVACIONES	
<p>The planted trees are of great environmental support since they help to create homogeneity in the plantation site and attract pollinators and dispersing fauna, which give continuity to the reforestation process. Also, these species help with the capture and retention of water within the soil.</p>	
REGISTRO FOTOGRÁFICO	



Elaborado por: Walter Rodriguez Gallego

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