

TREPA

Transforming Eastern Province through Adaptation



Rwanda Forestry Authority



GREEN
CLIMATE
FUND



Output 3.3: Enhancing tree seed and seedling supply to provide diverse and climate adapted species and varieties within the framework of TREPA 2022-2027

Breeding Seed Orchard (BSO) Establishment report,
Pterygota mildbraedii– Kirehe

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February 2024

BSO Design

Seeds collected in: June 2023

Seeds sowed in: July 2023

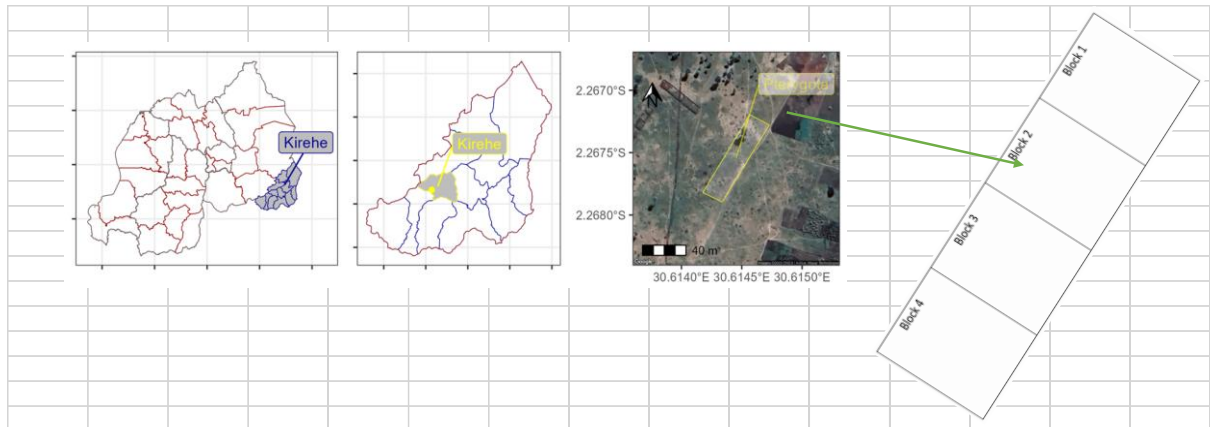
Trial Planted in: November 2023

Location: Latitude 2°16'02.24"S; Longitude 30°36'50.16"E

Parallel trial: *Pterygota mildbraedii* BSO in Nyagatare

Trial design	Family block trial
No of provenances	1
No of families	4
No of Blocks	4
No of rows in each block	10
No of columns in each block	10
No of plants within each block	100
Spacing	2 metre x 2 metre
Total number of plants	400
Total area of BSO in square metres	1700
Total area of BSO in Hectares	0,17

Location map and positions of Blocks



Provenances and Families

Provenance	Mother Trees	Family	Label
Ngoma	1	1	Family - 01
Ngoma	2	2	Family - 02
Ngoma	3	3	Family - 03
Ngoma	4	4	Family - 04