



# KAPKIRWOK RESTORATION PROJECT

PHASE II

**Community Tree Nursery  
At 60 Days**







# Introduction

Over 25% of global land is degraded, affecting 3.2 billion people but tree nurseries play a key role in reversing this (UNCCD, 2022).

According to CIFOR-ICRAF, forest restoration through community nurseries can increase biodiversity by up to 80% in degraded areas.

The FAO notes that trees increase soil fertility and water retention by over 20%, improving food security and climate resilience.

**25%** of global land is degraded

Our nursery work in Kapkirwok is helping end shifting cultivation. FAO (Food and Agriculture Organization) and CIFOR report that shifting cultivation contributes significantly to tropical forest loss, especially in Southeast Asia and parts of Africa and Latin America, where it can account for up to 70% of deforestation in localized regions.



We're not just planting trees, we're growing resilience, restoring land, and empowering communities.

Our nursery serves as the heart of our restoration mission. Backed by science and rooted in community, we nurture thousands of seedlings that will one day restore degraded landscapes and combat climate change.





# It Starts with Soil

Healthy trees begin with healthy soil.

Our team carefully fills seedling bags with nutrient-rich soil. The first and most critical step is supporting strong root development. This work ensures that each tree has the best possible start.







# Seedlings with Stories

From sprout to sapling, each seedling matters. We gently transplant young seedlings into prepared bags, labelling them for monitoring. This process supports their survival and reflects our commitment to tracking growth and learning from every stage.





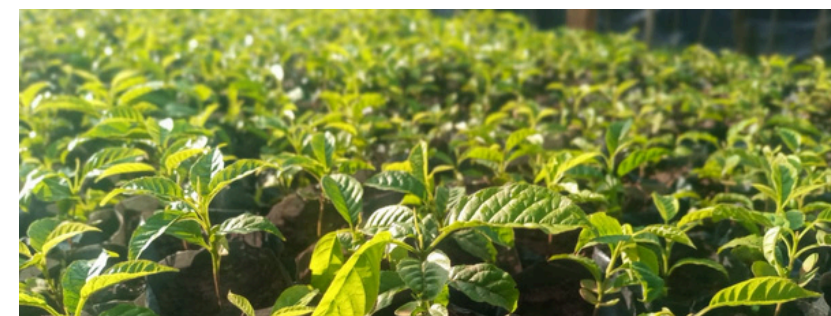


# Thriving Nursery – A Nursery in Bloom

A thriving nursery is a sign of dedication and care. At Plus One Tree Initiative, we believe that successful restoration begins at the nursery. This is where life takes root, where seeds turn into saplings under the nurturing hands of our dedicated team. It's more than just planting; it's a daily commitment to regenerating hope, one seedling at a time.

Our team ensures the seedlings receive the care they need, from timely watering and shading to monitoring pest threats and maintaining healthy soil conditions. These behind-the-scenes efforts may often go unnoticed, but they are crucial to ensuring that every young tree has the best chance of survival once planted in the wild.

Today, the sight of rows upon rows of vibrant, thriving seedlings reflects the impact of our efforts. These are future forests, future water catchments, and future sources of food and shade. They represent resilience, biodiversity, and a community coming together to heal degraded land and restore climate balance.







# Site Management & Teamwork –

Behind every green success is a hardworking team.

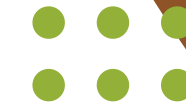
Each day, our team comes together with purpose, arranging tools, managing space, and coordinating activities that keep the nursery efficient and productive. These small but essential tasks ensure that every seedling receives the care it needs and that our restoration goals stay on track.

Sustainability is woven into every aspect of our site management. From responsible water use and composting to promoting teamwork and accountability, we strive to model what it means to care for both people and the planet. This is where community meets sustainability, where dedicated hands grow forests and resilience is cultivated from the ground up.

## Our Nursery Team







# A Seed of Wisdom



**Phone Number**  
+254-727-247-714



**Website**  
[www.onetreeinitiative.org](http://www.onetreeinitiative.org)



**Nursery Location**  
Kapkirwok, Kenya



In every seedling we raise, we plant a promise of shade, of rain, of life restored. Our roots run deeper than the soil.

~Plus One Tree Initiative (2025)