



Plant A Tree Ecosystem WhitePaper v2

Subject to Change

****v2 adds NFTs, Game, and the Community Share sections****

Date: September 17, 2022

Official Links

Website: <https://plantatree.finance>

Game: <https://treegame.live>

Twitter: <https://twitter.com/treeminers>

Discord: <http://Discord.gg/5pZHWC4J8Z>

Purpose

The purpose of the Plant A Tree project is to create a long-term sustainable ecosystem. We have developed solutions that are intended to provide a sustainable, yet high yield, dynamic rewards system while offering NFTs, an entertaining game and a community share program to earn even more AVAX rewards! We have incorporated anti-whale mechanisms, penalties for not following the suggested team strategy, multiple ways to maintain and grow, and future developments to continuously improve the entire ecosystem, including the TVL (Total Value Locked).

Dynamic Rewards System

We have a love for the environment and wanted to focus on something everyone can do to positively impact the environment - Plant A Tree. To begin, we selected to launch the project on the Avalanche Network. The participants will either directly “Plant A Tree” with AVAX or purchase a Tree NFT using AVAX. Deposits will be locked and cannot be retrieved. TREE(s) generated from the deposit event will immediately begin working for you by earning AVAX rewards at a daily rate **up to 8%** (TVL, planting, re-planting and harvesting habits all affect this rate). The participant will be encouraged to follow the community strategy of re-planting (compounding) their rewards for six (6) days before harvesting (claiming) rewards on day seven (7). A dynamic tax system has been put in place to highly discourage participants from violating this community strategy.

The minimum AVAX deposit is 0.1 AVAX per transaction. The maximum AVAX deposit is 100 AVAX per transaction. To ease fear in participant’s minds, the TREE contract is immutable (not changeable) and TREE is not a token. So, the contract operates without a change in fees or structure until it has been exhausted.



Dynamic Penalty Tax

A penalty tax timer (Today's Harvest Tax) will be displayed and tracked on the dApp for each participant and will be structured as follows:

Day 1 Harvest Tax = 90%

Day 2 Harvest Tax = 80%

Day 3 Harvest Tax = 70%

Day 4 Harvest Tax = 50%

Day 5 Harvest Tax = 40%

Day 6 Harvest Tax = 20%

Day 7 Harvest Tax = 0% (only Dev, Team, and Treasury Fees apply).

In addition, a 95% tax will apply to anyone who does not re-plant 48 hours or less before harvesting. This will be displayed as a flash message when you click on harvest. This is an anti-whale mechanism designed to encourage re-planting.

Participants who violate both rules will only be subject to the higher of the two penalty taxes. In other words, participants will not be charged for both a Harvest tax and a no Re-plant tax.

To enhance sustainability, all rewards generated from penalty taxes will stay in the dynamic rewards system.

Fees

Our goal is to have low fees while providing a superior, long-lasting ecosystem versus what exists in the current market. The fee structure for deposits and withdrawals will be as follows:

Developer Fee - 2%

Team Fee - 1%

Treasury - 1% (To be used for marketing, community events, giveaways, future developments, etc).

Earn Referral Rewards

Once your wallet is connected to the Plant A Tree website and on the Avalanche Network, you will notice your referral link appear near the middle of the page. Copy this link and distribute it to others. When a new participant Plants a Tree with AVAX using your personal referral link, the contract will send an AVAX value of approximately 12% instantly to your pending rewards without affecting their deposit.



Plant A Tree NFT Overview

Plant A Tree NFT is a collection of 600 unique/handmade Tree NFTs growing on the Avalanche blockchain. Each Tree NFT comes with different attributes that make it 100% unique. Owning a Gen0 Plant A Tree NFT provides a piece of individually crafted artwork and also serves as a ticket to participate in the Plant A Tree Ecosystem (rewards system, game, community share, and future developments).

The NFT collection will be minted at plantatree.finance and campfire.exchange. The collection link is: TBD

600 Gen0 NFT's

- ♦ **450 Regular Tree NFTs**

Mint Price - 1 AVAX WL, 1.25 AVAX Public.

Utility: 0.4 AVAX of Mint price claimable after mint at plantatree.finance that must be used by the minter to plant trees. The minter will go to plantatree.finance then temporarily stake their NFTs, claim AVAX rewards, plant trees with the rewards then unstake their NFTs. From there, the minter will be responsible for replanting and harvesting rewards at plantatree.finance.

Utility: NFT Community Share - Earn 0.003 AVAX Per Day to start (may fluctuate up or down as time goes on).

Utility: Participate in the Tree Racing Game for the potential to win more rewards!

- ♦ **50 Lucky AVAX Tree NFTs**

Mint Price - 1 AVAX WL, 1.25 AVAX Public (Randomly minted with the 450 Regular NFTs).

Utility: 0.4 AVAX of Mint price claimable after mint at plantatree.finance that must be used by the minter to plant trees. The minter will go to plantatree.finance then temporarily stake their NFTs, claim AVAX rewards, plant trees with the rewards then unstake their NFTs. From there, the minter will be responsible for replanting and harvesting rewards at plantatree.finance.

Utility: NFT Community Share - Earn 0.004 AVAX Per Day to start (may fluctuate up or down as time goes on).

Utility: Participate in the Tree Racing Game for the potential to win more rewards!



- 100 AI Whisky Barrel Tree NFTs

Mint Price - Airdrop to AI Whisky Barrel wallets that own an AI Whisky Barrel & mint a Tree NFT

Utility: NFT Community Share - Earn 0.001 AVAX Per Day to start (may fluctuate up or down as time goes on).

Utility: Participate in the Tree Racing Game for the potential to win more rewards!

The AI Whisky Barrel Tree NFT airdrop opportunity will remain open for one week or until Tree NFTs are minted out, whichever comes first.

Maximum of one (1) AI Whisky Barrel Tree NFT airdrop per wallet.

Minting Breakdown

Regular & Lucky Tree NFTs

0.4 AVAX to Dynamic Rewards Contract under minter's wallet address (Stake/Claim, Plant, Unstake NFT)

0.45 AVAX to NFT Community Share Contract

7.5% to Developer

7.5% to Artist



Tree Racing Game

Overview

Get your game on with Tree NFTs! Tree NFTs provide access to play our unique crypto Tree Game powered by the Plant A Tree Ecosystem. Join in for a TREEmendous experience where everyone is a winner! The Tree Racing Game is a futuristic racing game where only players with Plant A Tree NFTs can participate and use their TREE NFT to win AVAX rewards. The game is fully decentralized.

Participation

Any Plant A Tree NFT holder can participate in the game. When you join a game, you will be required to add AVAX tokens as an entry fee. The entry fee will be set at 0.1 AVAX but may change later based on the AVAX price and/or game enhancements.

This is a multiplayer game that requires 4 (four) TREE NFT slots to be filled before the game will start. Once all 4 slots are filled, the game will begin. The players do not need to be online as the Trees compete against each other.

Winning

The winner is selected via a randomized algorithm which is based off-chain and uses Chainlink's Verifiable Random Function (VRF). However, one factor that increases the chance of winning is the number of games a TREE NFT plays. The more games a TREE NFT plays, the more valuable it becomes as it raises the chance of winning within the randomization framework. For example, Player B joined 40 total game matches and thus has a slightly higher chance of winning a match against Player A who has only joined 35 games.

Chance of winning a game by percentages given that Player A has played the least games and Player D has played the most games:

Player A -> 22%
Player B -> 23%
Player C -> 25%
Player D -> 30%

However, in later phases, Plant A Tree NFT upgrade mechanisms may be added. This would provide a player with an upgraded TREE NFT a higher chance to win the race.



Losing

Everyone is a winner! Not only does the winner earn AVAX but those who lose the race will also get back a percentage of their AVAX as well.

Leaderboard and Stats

A leaderboard will be available for the public to view in the dApp. This will allow players to view the most valuable TREES. In addition, TREE holders will be able to list their TREES for sale. A dApp will be available to check how many games were played by certain TREES, their AVAX balance and other stats.

Watch Games

Recently played games will be available for the players and the public to watch. So, anyone can visit and watch the game at any time.

Shares

For each game played:

Winner -> 50%
2nd-4th -> 32% (10.65% each)
Dynamic Rewards System -> 8%
NFT Community Share -> 4%
Team -> 6%

For example, with an entry fee of 0.1 AVAX the earnings would be:

Winner -> 0.2 AVAX
2nd-4th-> 0.1278 (0.0426 AVAX each)
Dynamic Rewards System -> 0.032 AVAX
NFT Community Share -> 0.0162 AVAX
Team -> .024 AVAX



NFT Community Share

Plant A Tree is excited to offer a unique NFT community share program for certain TREE NFT owners. All Gen0 TREE NFT owners and certain others will be available to participate in the NFT community share program with their NFTs to earn TREE/AVAX rewards. Please refer to the Plant A Tree NFT Overview section to determine the rewards amount for your NFT. These rewards will be used to plant more trees into the dynamic rewards system for the NFT owner.

The NFT Community Share program will be launched soon after the NFT mint. Once launched, the NFTs will immediately begin earning community share rewards. Rewards and options will be shown on the NFT community share interface. In order to receive the NFT community share rewards, participants will temporarily stake their NFTs, claim AVAX rewards, plant trees with the rewards then unstake their NFTs.

NFT Community Share Rewards must be claimed and planted into the dynamic rewards system on or before the NFT holder reaches 0.2 AVAX in rewards. Rewards will stop accruing at 0.2 AVAX. Once the NFT holder claims/plants their community share rewards, the rewards will reset to 0 and will immediately begin accumulating once again.

Artist & NFT Project Utility

Plant A Tree appreciates Artists and other NFT projects trying to succeed in the crypto world. We understand many of these individuals and projects need to focus on their artwork without the hassle of having to worry about the utility side of their business model. Therefore, we offer a utility concept for Artists and NFT Projects that are seeking utility for their collections.

The process is very simple and is a win-win for both the Artist and the Plant A Tree Ecosystem. The artist will only be required to submit the artwork and promote their project. Plant A Tree will provide the development, liquidity and utility for the artwork through the Dynamic Rewards System and/or through the NFT Community Share Program and the Tree Game. Typically 25%-50% of the revenue generated from the artwork will be placed into the Dynamic Rewards System under the NFT minter's wallet address. This provides the minter with valuable utility and is another way to help sustain the ecosystem by feeding the Dynamic Rewards System.

Please reach out to us on Discord or Twitter if you have any questions or would like to use our services.



Do Your Own Research (DYOR). This Document is NOT Financial Advice.

Even though we feel we have developed a superior product and ecosystem versus what currently exists on the market, we would never offer financial advice to anyone considering participating. We encourage everyone to research, research and research on your own before electing to participant in any crypto project, including Plant A Tree. This is high risk and you may incur losses.

This document may be amended or revised at any time, with or without notice. We encourage everyone to please visit the Plant A Tree Discord to stay up to date on recent news and developments.