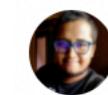




NFT.Fruit.Tree

A Virtual Yield Farming Game

TEAM MEMBERS

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 Tomo Saigon (You)

 Wary Wary

Made for DecentralHacks 2021

<https://github.com/NFT-Fruit-Tree/fruittree>

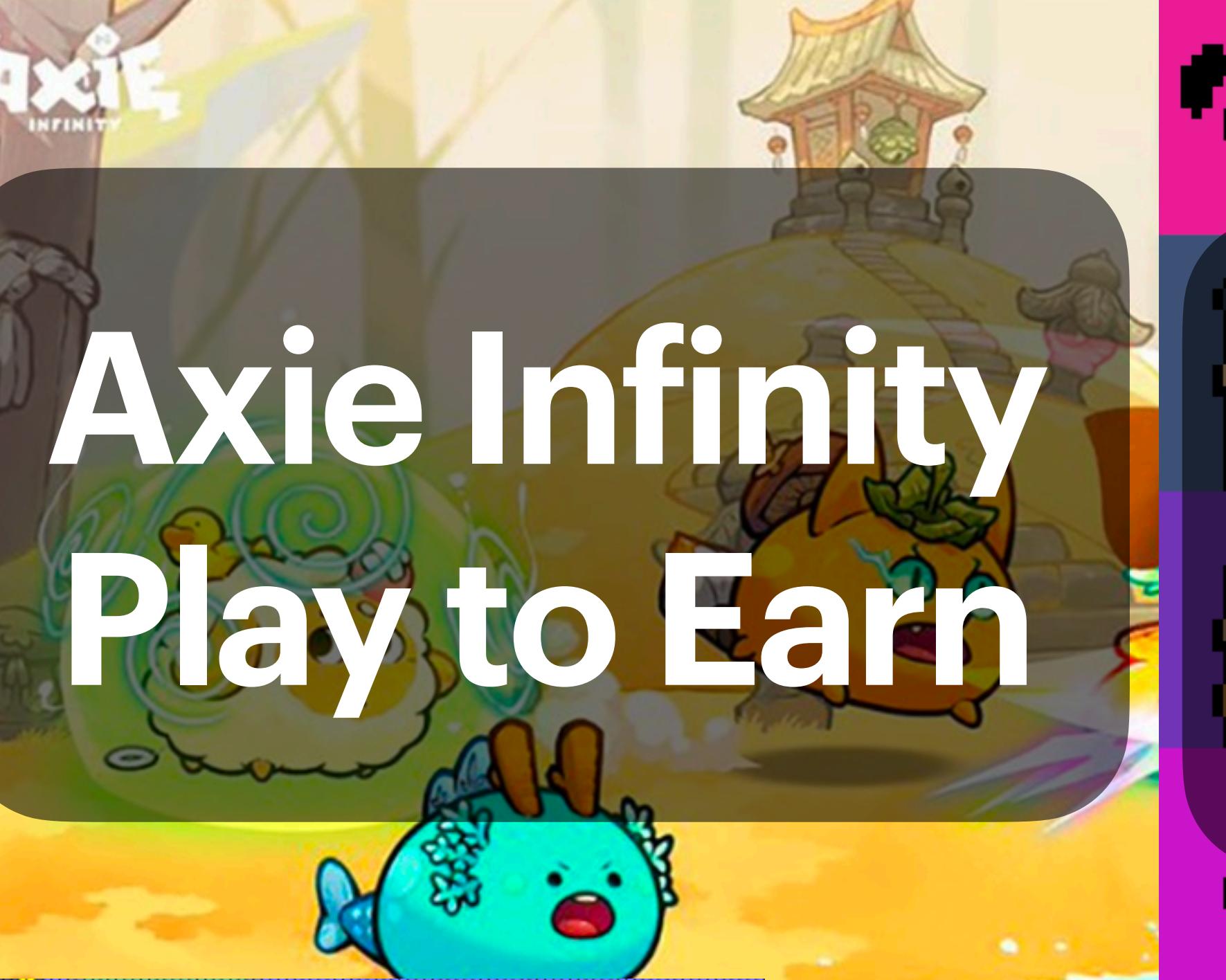
Presented by / Contact: @tomoXtechno / tomo#2515



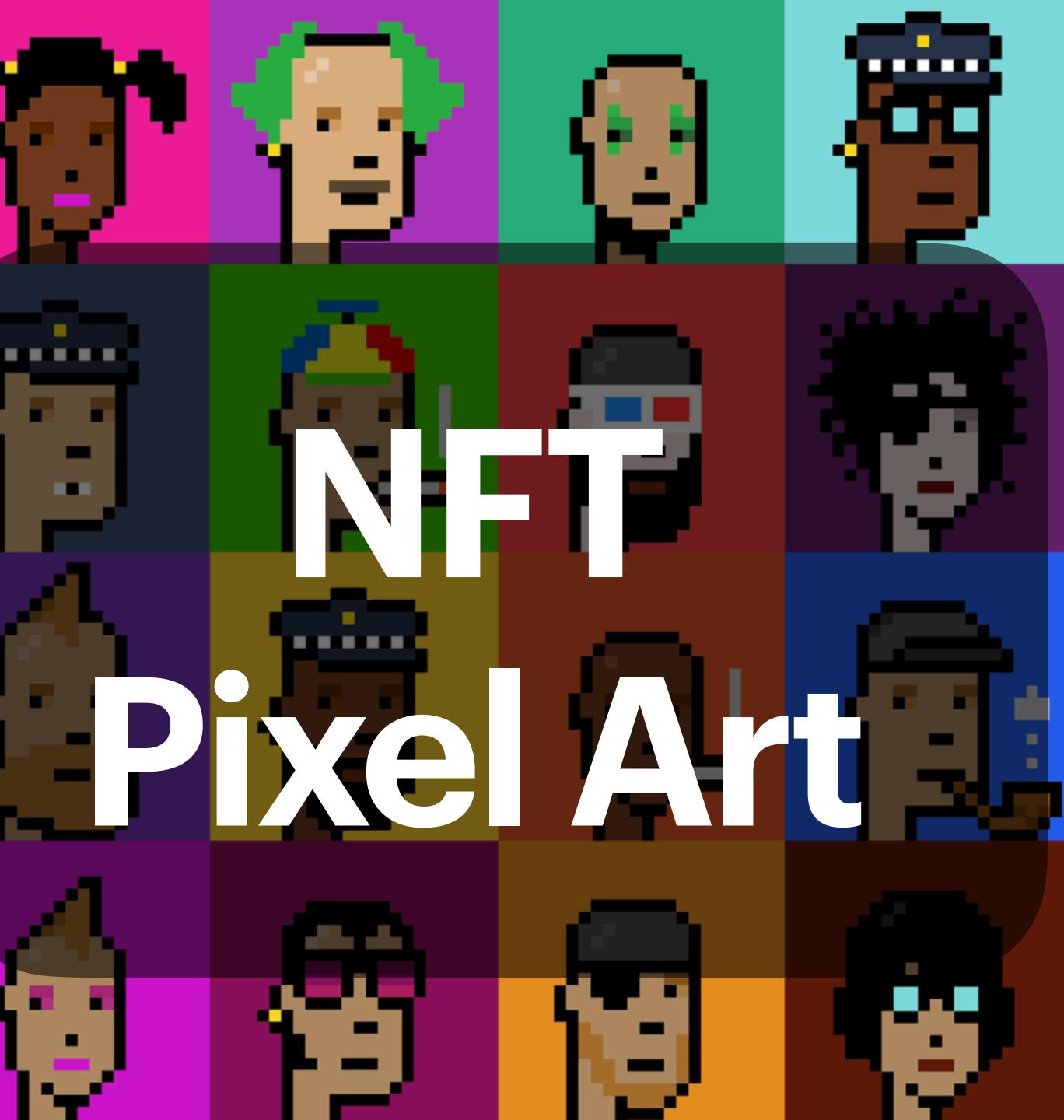
Inspiration



Tamagotchi
Virtual Pet



Axie Infinity
Play to Earn



NFT
Pixel Art



Decentraland
Digital Land



Hyper Casual
Farming

-NFT FRUIT TREE-

is a

**hyper casual
play-to-earn
8-bit pixel**

virtual Yield Farming

**metaverse
NFT game**

with in-game currency

Tend Your NFT Land & Trees for ERC-20 Rewards

Game Play

1. Mint a random* unique “Seed”
2. Plant it on your “Land” on world map
3. Water and tend daily to sprout and grow into a mature tree
4. Fertilize your tree (with interest-bearing tokens) to produce “Fruit”
5. Harvest your fruit to get more Seeds, Land, or MATIC
6. PROFIT!

* Unpredictable Plant DNA based on luck and blockchain!

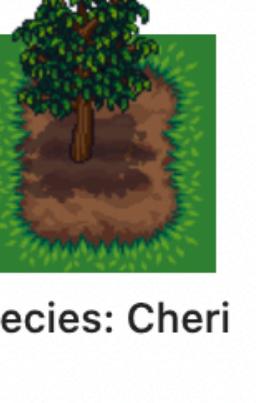
* Chainlink VRF or other on-chain entropy



Trees are NFTs

...so is Land!

- Trade rare Seeds or Trees
- Move your farm to the most fertile Land
- Help friends water their Trees
- Extract valuable interest-bearing tokens from harvested Fruit tokens
- Internal market for Seeds creates price floor for farmed Fruit tokens

Nasu @ Land 0	 Species: Nasu	More
	<div>Water! </div> <div>Approve before fertilize !</div> <div>Fertilize ! </div> <div>Harvest ! </div> <div>Burn ! </div>	
Location 0 / 0	Mass 236	
Fruit 0	Water Level -329,645	
Growth Stage ADULT	Factors 2, 2, 5, 7, 5	
Nasu @ Land 32	 Species: Nasu	More
	<div>Water! </div> <div>Approve before fertilize !</div> <div>Fertilize ! </div> <div>Harvest ! </div> <div>Burn ! </div>	
Location 0 / 1	Mass 217	
Fruit 0	Water Level -187,160	
Growth Stage ADULT	Factors 2, 2, 6, 6, 4	
Nana @ Land 1	 Species: Nana	More
	<div>Water! </div> <div>Approve before fertilize !</div> <div>Fertilize ! </div> <div>Harvest ! </div> <div>Burn ! </div>	
Location 1 / 0	Mass 344	
Fruit 0	Water Level -195,443	
Growth Stage ADULT	Factors 6, 8, 3, 5, 6	
Cheri @ Land 65535	 Species: Cheri	More
	<div>Water! </div> <div>Approve before fertilize !</div> <div>Fertilize ! </div> <div>Harvest ! </div> <div>Burn ! </div>	
Location Unplanted	Mass 0	
Fruit 0	Water Level 0	
Growth Stage ADULT	Factors 4, 13, 3, 6, 2	

Token Inventory

The more FRUIT you
have...

the more LAND you can
buy...

the more SEEDs you can
plant...

the more FRUIT you can
grow!



Your Land Registry

Your owned Land Plots: 4

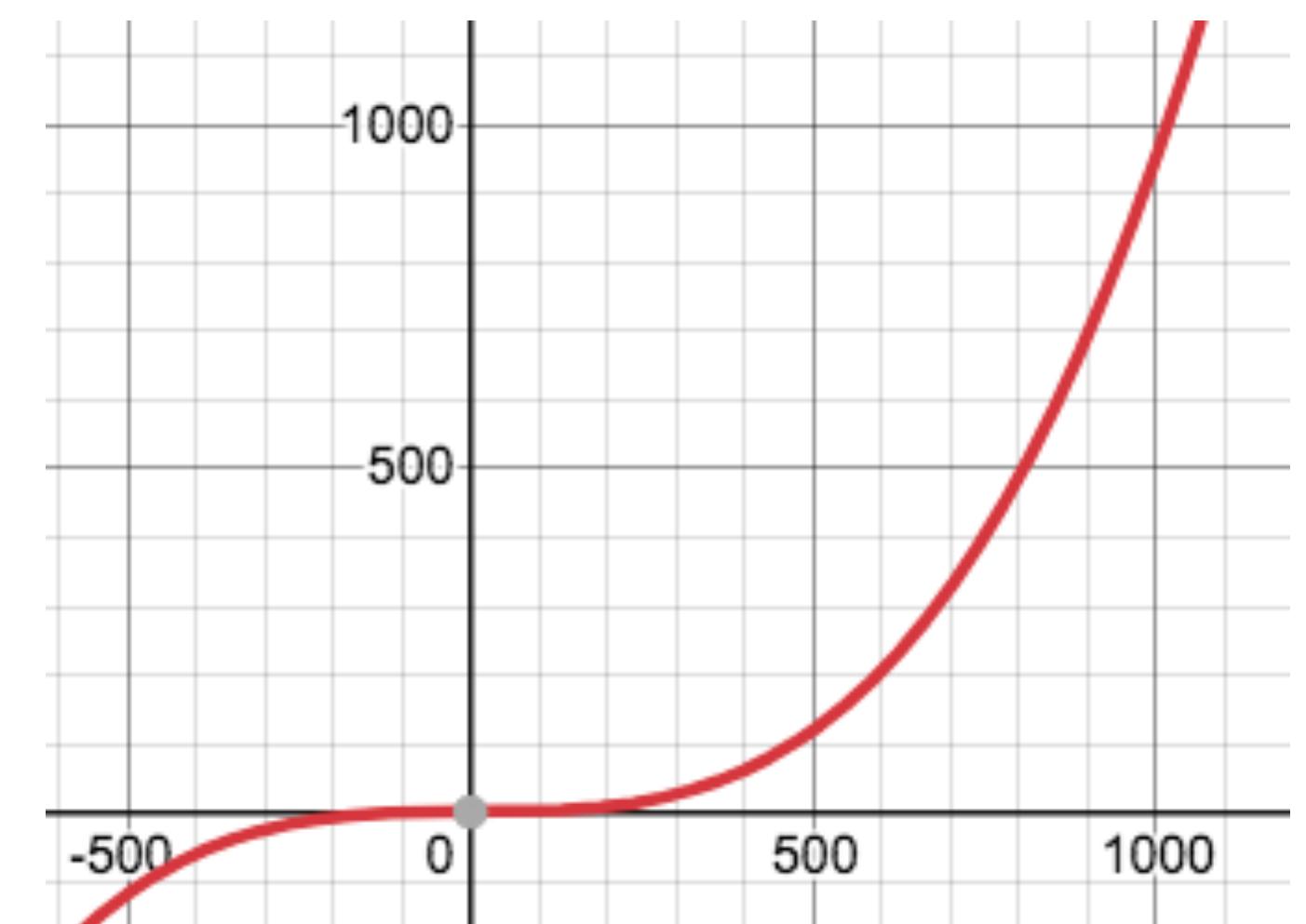
Land ID	Land Code	Seed
0	2	0
1	5	1
32	4	2
34	2	No seed

Your Bank

Token	Balance
CRC	2.9
SEED	4
LAND	4
Total LAND Supply	1024
FRUIT	3.6
Total FRUIT Supply	1000000.0

Game Tokenomics

- Land NFTs minted and owned by contract when deployed
- Land sold to buyers from contract at exponentially increasing price
- Fruit tokens (ERC-20 on dex) needed to mint Seeds
- Seeds are minted with random DNA with extra features
- Fruit yield farming speed controlled by DNA of Seeds and Land on a curve
- Tree species have rarity level on a random curve
- Game encourages perpetual funding (fertilizer)
- Lock up interest-bearing tokens



Built With

- OpenZeppelin audited contracts
- Scaffold-eth React Framework
- Hardhat
- Latest Solidity
- 2D Game Art
- Pluggable interest-bearing tokens
- Deploy to any EVM blockchain

```
eth_call
Contract call:
From: 0xf39fd6e51aad88f6f4ce6ab8827279cfffb92266
To: 0x9fe46736679d2d9a65f0992f2272de9f3c7fa6e0

eth_call
Contract call:
From: 0xf39fd6e51aad88f6f4ce6ab8827279cfffb92266
To: 0xcf7ed3acca5a467e9e704c703e8d87f634fb0fc9

eth_call
Contract call:
From: 0xf39fd6e51aad88f6f4ce6ab8827279cfffb92266
To: 0xcf7ed3acca5a467e9e704c703e8d87f634fb0fc9

eth_call
Contract call:
From: 0xf39fd6e51aad88f6f4ce6ab8827279cfffb92266
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eth_call
Contract call:
From: 0xf39fd6e51aad88f6f4ce6ab8827279cfffb92266
To: 0xcf7ed3acca5a467e9e704c703e8d87f634fb0fc9

eth_blockNumber (737)
```

*“N.F.T.” stands for “NFT Fruit Tree”

Status: Proof of Concept Complete!

Serverless static front-end (React) viewing and controlling games via wallet connecting to functional smart contracts. Ready to deploy to any EVM blockchain and host on GH Pages, Netlify, etc.

Next Steps:

- Partner with (interest-bearing) tokens to stake into our farm to create demand and use case for project tokens
- Choose EVM sidechain (Polygon, Avalanche, Arbitrum, BSC, etc.) to deploy on
- Raise funds from Initial Land Offering?

Thanks for watching!

NFT Fruit Tree Gang
Contact: @tomoXtechno | Discord: tomo#2515