

# Rigel Finance

Automated Market-Making  
(AMM) Decentralized Exchange  
(DEX) currently on the Ethereum  
blockchain.

Yield Farming - Exchange  
Liquidity Pools - Staking  
Wallet app

White Paper 1.1

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# Rigel Finance

## Definition

RigelFinance is an automated market-making (AMM) decentralized exchange (DEX) on the Ethereum blockchain.

There are five core products for RigelFinance's ecosystem:

- **RigelSwap Exchange** (<https://exchange.rigel.finance/>)
- **RigelSwap Liquidity Pools** (<https://exchange.rigel.finance/#/pool>)
- **RigelFinance Farms** (<https://app.rigel.finance/farms>)
- **RigelFinance OrionNebula Staking (xRigel)** (<https://app.rigel.finance/staking>)
- **Rigel Wallet**

Each of these serves a different purpose within the ecosystem.

## What is Yield Farming?

Yield farming is a process that allows cryptocurrency holders to lock up their holdings, which in turn provides them with rewards. More specifically, it is a process that lets you earn either fixed or variable interest by investing crypto into a DeFi market.

Simply put, yield farming involves lending cryptocurrency via the Ethereum network. When loans are made via banks using fiat money, the amount lent out is paid back with interest. With yield farming, the concept is the same: a cryptocurrency that would otherwise be sitting in an exchange or in a wallet is lent out via DeFi protocols (or locked into smart contracts, in Ethereum terms) to get a return.

Yield farming is normally carried out using ERC-20 tokens on Ethereum, with the rewards being a form of ERC-20 token. While this might change in the future, almost all current yield farming transactions take place in the Ethereum ecosystem.

## How does yield farming work?

The first step in yield farming involves adding funds to a liquidity pool, which are essentially smart contracts that contain funds. These pools power a marketplace where users can exchange, borrow, or lend tokens. Once you have added your funds to a pool, you've officially become a liquidity provider.

In return for locking up your funds in the pool, you will be rewarded with fees generated from the underlying DeFi platform. Reward tokens themselves can also be deposited in liquidity pools, and it is common practice for people to shift their funds between different protocols to chase higher yields. Those providing liquidity are also rewarded based on the amount of liquidity provided, so those reaping huge rewards have correspondingly huge amounts of capital behind them.

## A quick rundown of yield farming

- Liquidity providers deposit funds into a liquidity pool.
- Deposited funds are normally stablecoins linked to USD, such as DAI, USDT, USDC, and more.
- Another incentive to add funds to a pool could be to accumulate a token that's not on the open market, or has low volume, by providing liquidity to a pool that rewards it.
- Your returns are based on the amount you invest, and the rules that the protocol is based on.
- You can create complex chains of investments by reinvesting your reward tokens into other liquidity pools, which in turn provide different reward tokens.

## Yield Farming at Rigel Finance

Rigel Finance provides you with multiple yield farming opportunities, with a focus on Orion Nebula, where you can stake RIGEL in exchange for a token (xRIGEL) that is appreciating in value from dividends (that come from 0.05% of our exchange trade fees).

We incentivize various liquidity pairs by offering our LPs the chance to stake their RLP (Rigel Liquidity Provider) tokens in our farms. The Farming List currently consists of 18 respective pools, where we present robust projects or projects gaining traction recently that we wish to boost liquidity for on our exchange.

## RigelFinance Farms

The RigelFinance Farms (List) are located here:

- <https://app.rigel.finance/farms>

The Farm allows users to yield farm Rigel rewards with each new block based on staking RLP tokens they received from [exchange.rigel.finance/#/pool](https://exchange.rigel.finance/#/pool)

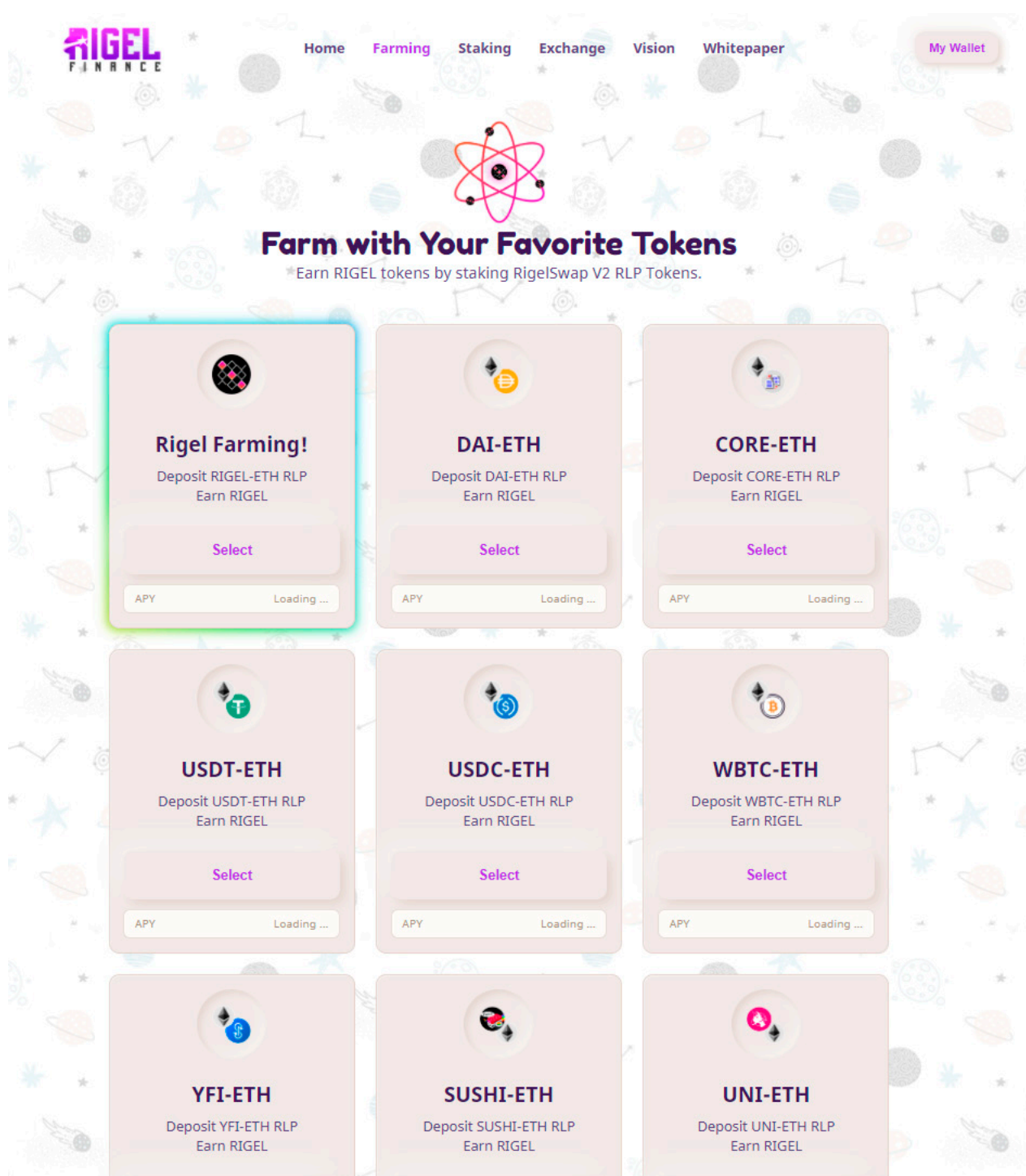
For information on how to add liquidity and get RLP tokens, please see the "Providing liquidity to our pools" article under our "Exchange" section.

The farm supports 18 unique RigelSwap RLP tokens which could be obtained from RigelSwap pools.

## Farming pairs

You can add liquidity in these pools: RIGEL-ETH, USDT-ETH, USDC-ETH, DAI-ETH, BUSD-ETH, AAVE-ETH, UMA-ETH, LINK-ETH, COMP-ETH, LEND-ETH, SNX-ETH, REN-ETH, CRV-ETH, YFI-ETH, CORE-ETH, WBTC-ETH, SUSHI-ETH and UNI-ETH.

## Farming section



## Farming process

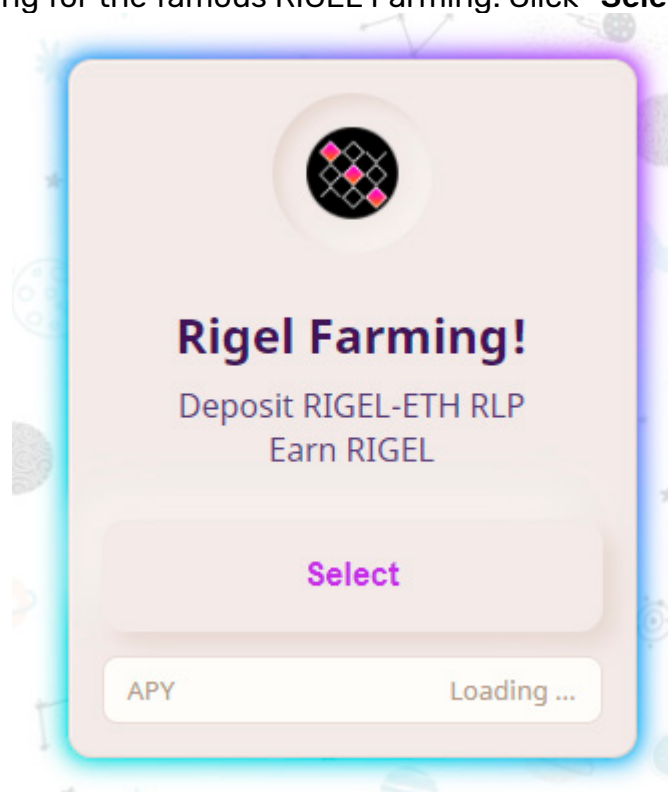
Users enter into the farms of their choice. When farming users will receive a new distribution of Rigel with every block. As the platform introductory launch offer, the platform will generate 4x more Rigel rewards per block(0.019051633 Rigel) during the first 13 days, from the launch of the platform, divided by the proportional share of the pool. The exception to this was the “Rigel Farming!” pool which will have a 3x proportional share as compared to other pools. After the 13 days, the reward is set to drop to 0.00476290832 Rigel per block.

The APY calculation is based on the return in ETH to the daily USD value, based on current the block return annualized. It is not a fixed return, it is not a promised return, It is based on ETH returns.

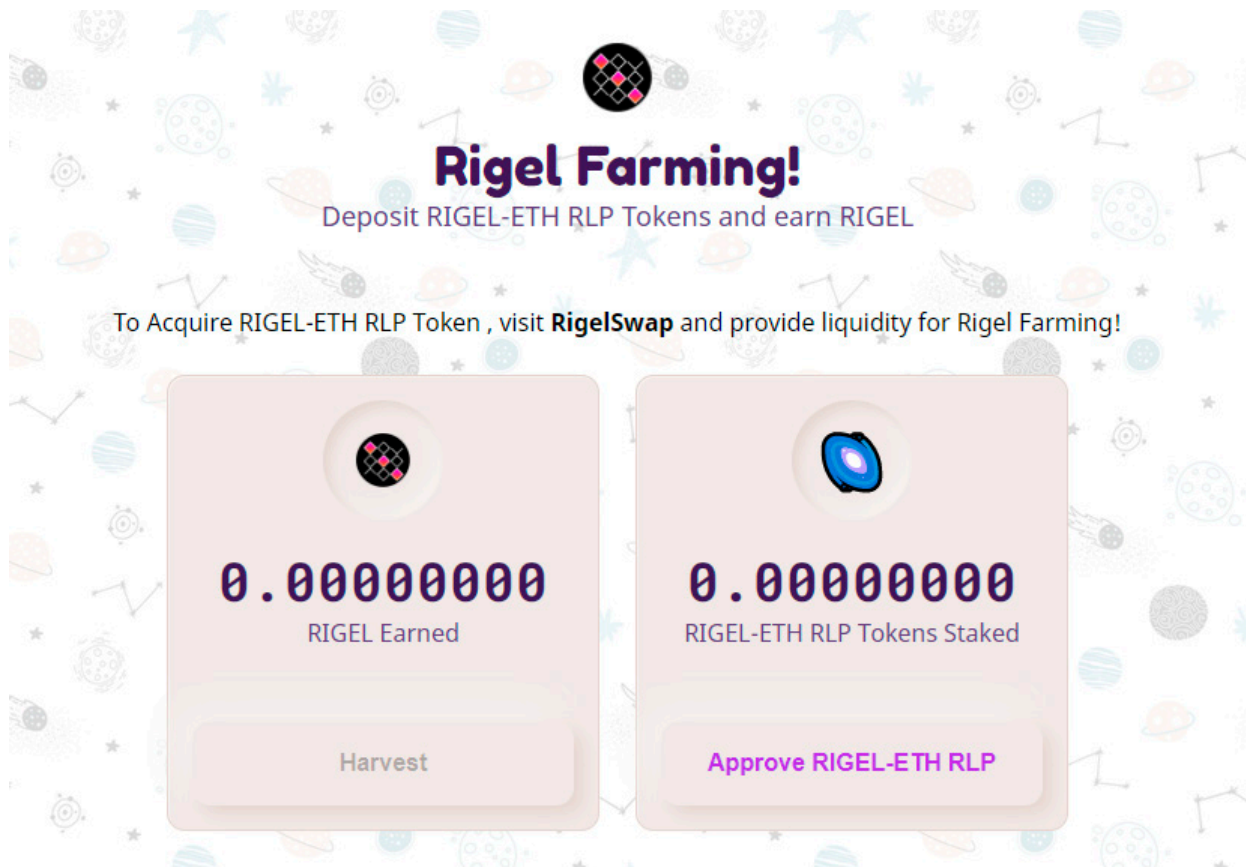
If you have provided liquidity to a Liquidity Pool that is available for rewards (if not, please see Liquidity Pools in Exchange section) there is bright RIGEL that can be earned with just a few clicks on our farming page.

## How to Farm

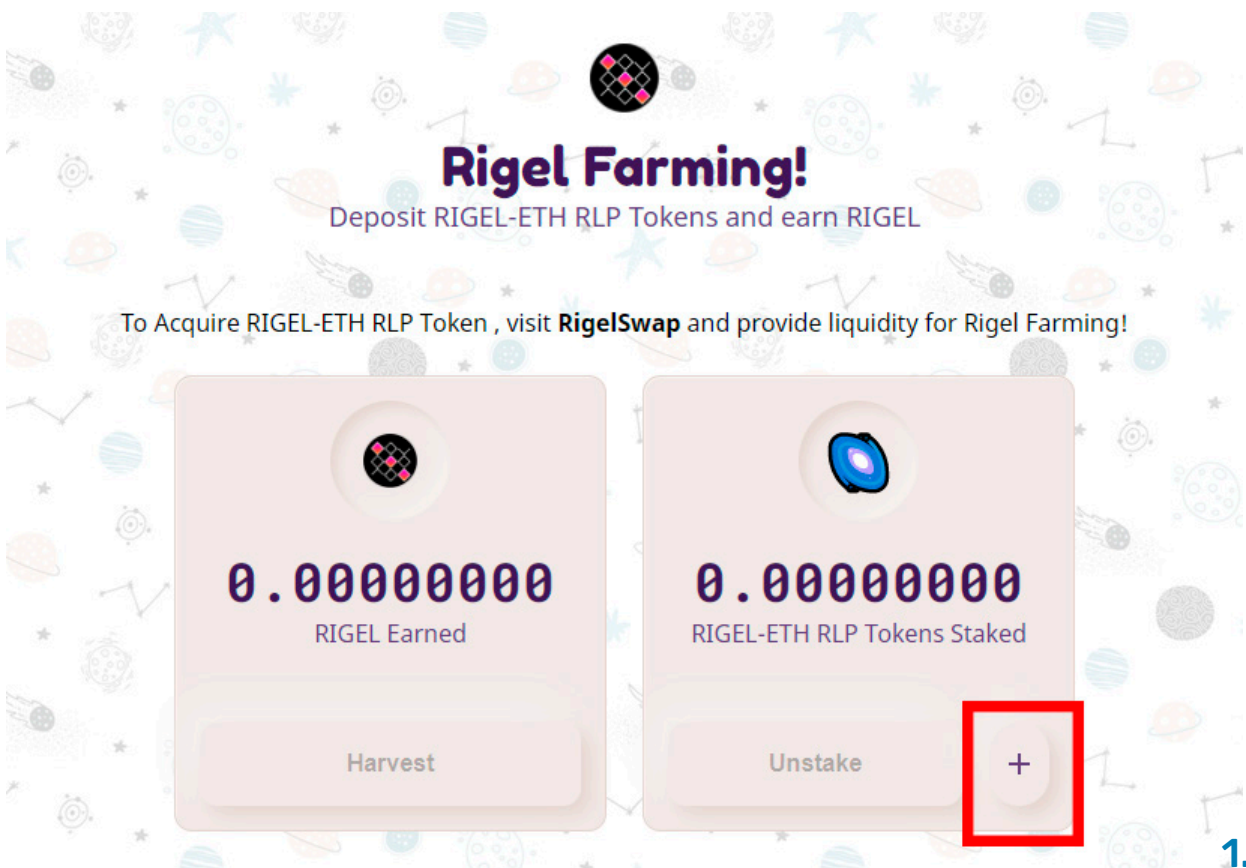
Choose the farm you wish to stake **Rigel Liquidity Provider (RLP)** tokens in. In this example, we’re going for the famous RIGEL Farming. Click “**Select**” to continue.



The next step requires you to approve that our smart contracts handle your RLP tokens for that specific pool. Click on **“Approve RIGEL-ETH RLP”**



After the approval has been confirmed, you can click on the **“+” PLUS** sign



Unstaking or adding RLP tokens to a farm will automatically harvest any rewards you have available. This way, you can save on gas!

You will be shown a popup where you can specify how many of your RLP tokens you wish to stake:



Once you have decided, clicking **"Confirm"** will then prompt you with the transaction necessary to stake the tokens in our smart contracts.

After that.. all you have to do is relax, and wait for the RIGEL to roll in!

Remember, to start farming, you need to add liquidity on any of these pools mentioned on page 6.

## STAKING - OrionNebula (xRigel)

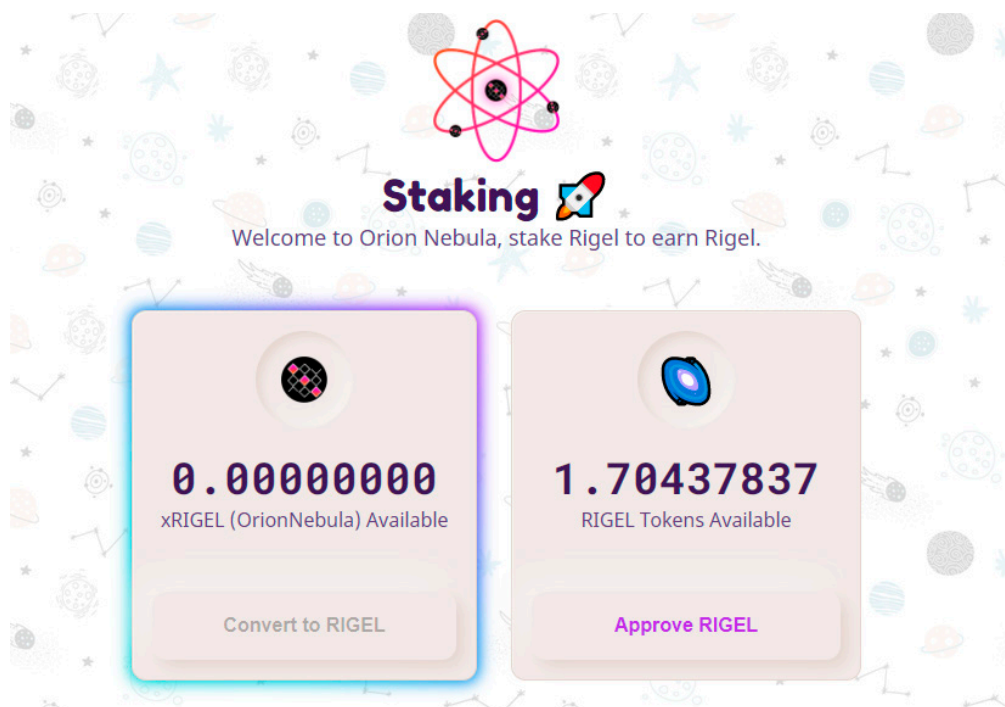
You will earn a portion of the swaps fees based on the amount of xRigel held relative to the weight of the staking. xRigel can be minted by Staking Rigel. To redeem Rigel staked plus swap fees convert xRigel back to Rigel.

The remaining portion of the trade fee paid goes to a pool called OrionNebula. The OrionNebula contract collects the fees from all the pools, and when the reward distribution command is called, it then sells all the fees turning them into RIGEL, via RigelSwap Exchange.

The OrionNebula located at [app.rigel.finance/staking](https://app.rigel.finance/staking) allows you to stake your Rigel and receive xRigel in return and then you stake it in the xRigel pool. When users make trades on the RigelSwap Exchange a 0.3% fee is charged. 0.05% of this fee is added to the OrionNebula pool in the form of LP tokens for the relative pool.

When the rewards contract is called (minimum once per day) all the LP tokens are sold for Rigel (on RigelSwap). The newly purchased Rigel is then divided up proportionally between the xRigel holders in the pool, meaning their xRigel is now worth more Rigel.

Currently, you will not see the gained amount until you have withdrawn. It started as 1 Rigel = 1 xRigel, but just like LP tokens the price of xRigel changes over time depending on how many Rigel rewards are in the pool.

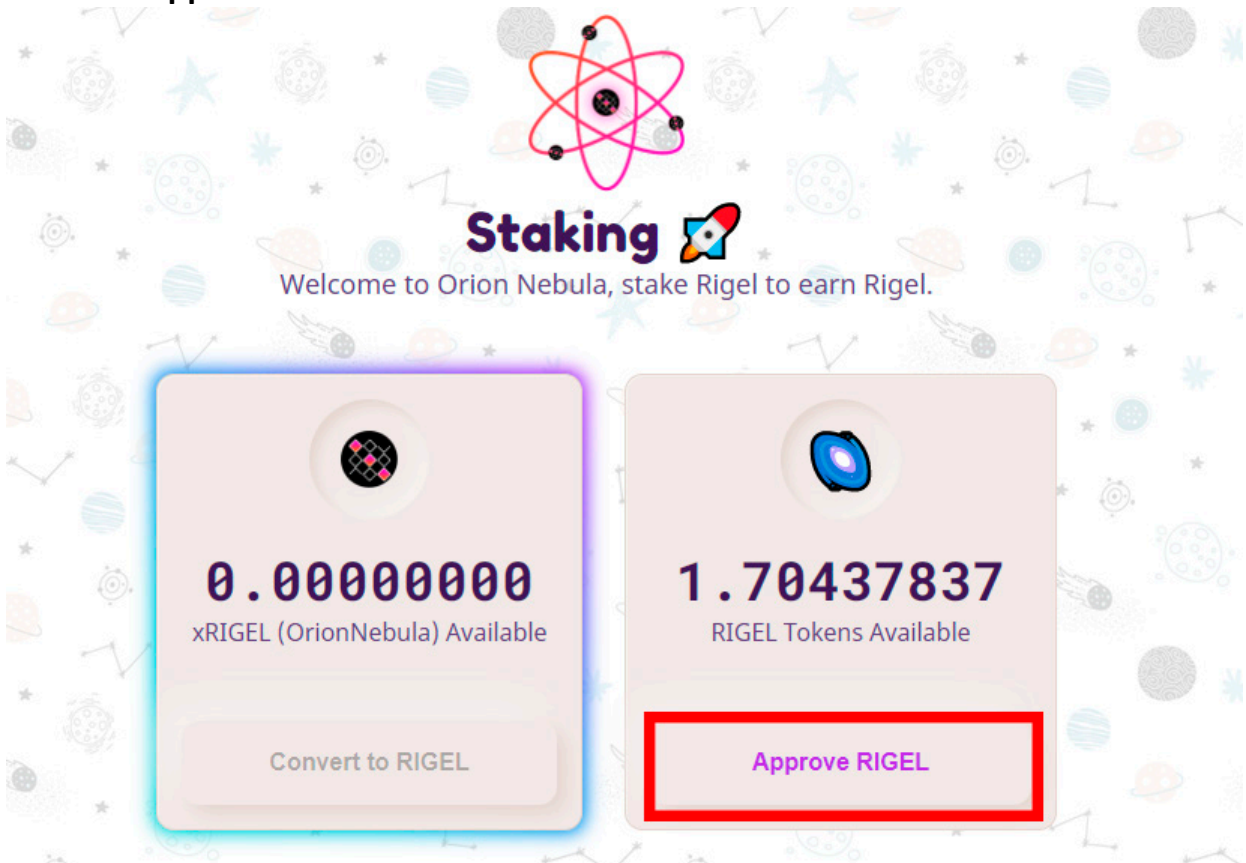


## How to Stake

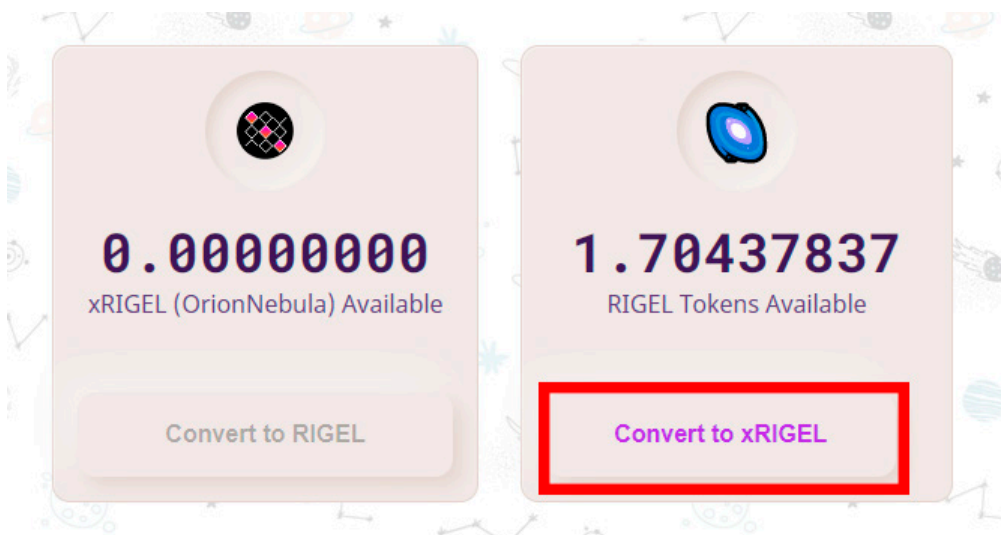
Access <https://app.rigel.finance/staking>

Our classic staking page could not be easier to use! We will have to approve that the RigelFinance smart contracts may handle our RIGEL tokens.

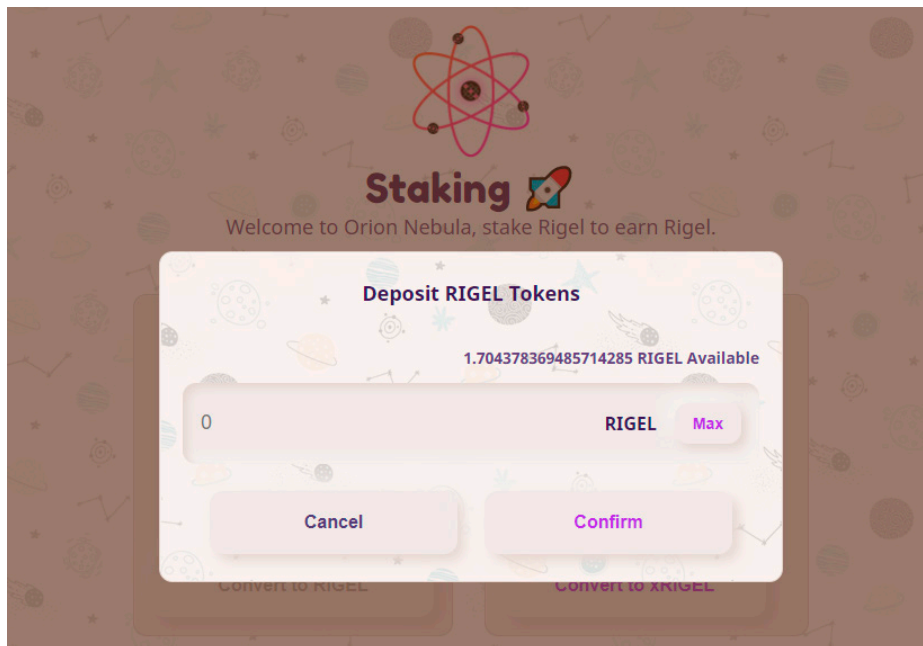
Click on **"Approve RIGEL"**



You will be asked to send a transaction with the confirmation. Once the transaction (and the approval) has gone through, you can choose to stake your RIGEL. Click on **"Convert to xRIGEL"**



You will be shown a popup where you can choose how many RIGEL you wish to stake:



Once you have done that, all that's left to do is to click the **"Confirm"** button to send the transaction. You will receive xRIGEL tokens in exchange. They represent your staked RIGEL as well as the yield that you gain while staking.

## RigelSwap Pools [exchange.rigel.finance/#/pool](https://exchange.rigel.finance/#/pool)

Allows liquidity providers to add their tokens to liquidity pools. When they add liquidity, they will receive RLP tokens (RigelSwap Liquidity Provider tokens). For example: if a user deposited \$RIGEL and \$ETH into a pool they would receive RIGEL-ETH RLP tokens.

These tokens represent a proportional share of the pooled assets, allowing a user to reclaim their funds at any point. However, as a liquidity provider, you will also receive a trade fee reward.

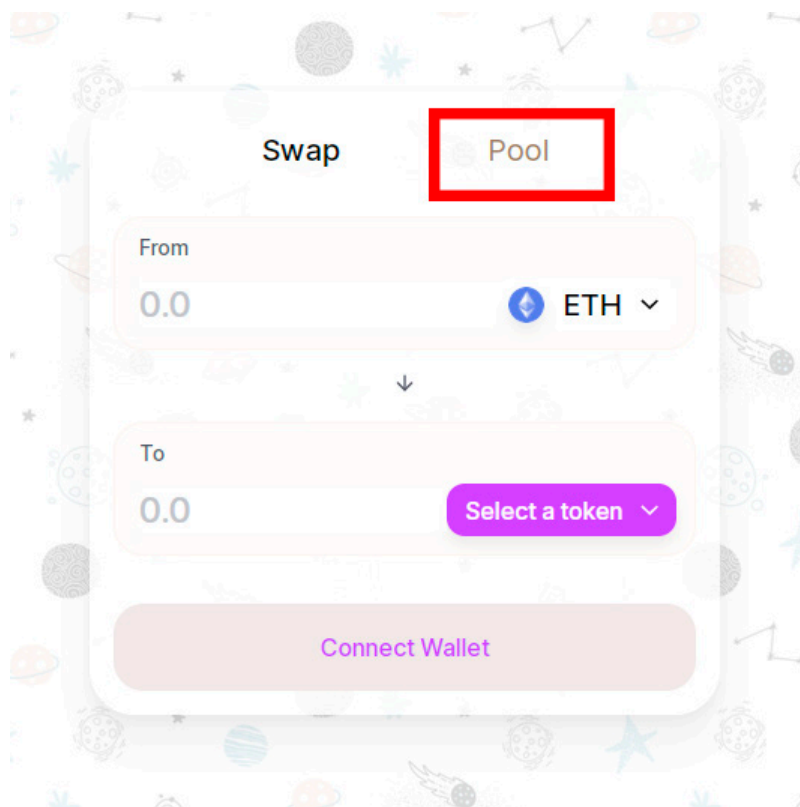
Every time a user trades between \$RIGEL and \$ETH a 0.3% fee is taken on the trade. 0.25% of that trade goes back to the LP pool. With your LP tokens, you can also put them into Yield Farming. If you are farming, you will still get the 0.25% reward fee for being an LP when you next remove your liquidity.

## Adding Liquidity to a new pool

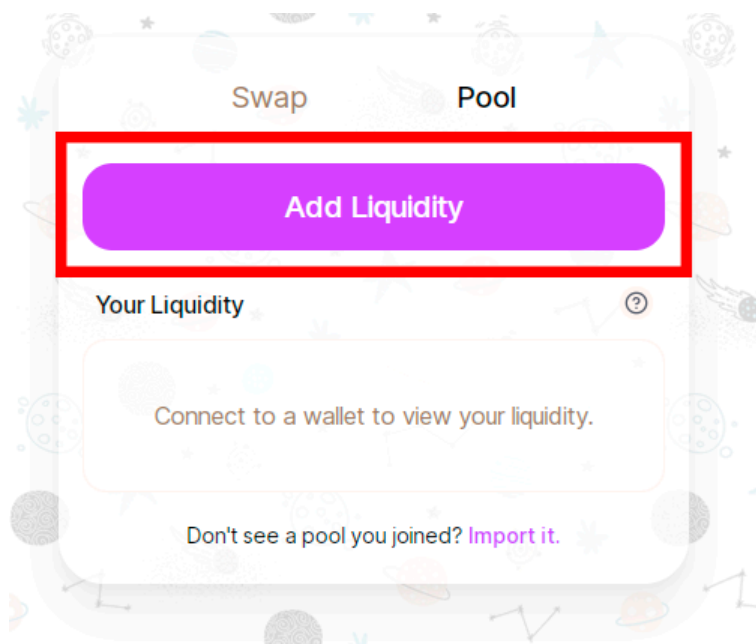
You can create a new pool anytime you want! You only will pay the standard gas fee for this transaction.

You just need to provide the initial liquidity for the 2 tokens with an initial exchange ratio (price), if one of the tokens in the pair does not exist yet on RigelSwap. If you set a different price from the other exchanges, you will be generating an arbitrage opportunity.

Go to <https://exchange.rigel.finance/>.



Select **"Pool"** and then click on **"Add Liquidity"**



When you have your LP tokens you can also put them into yield farming on:

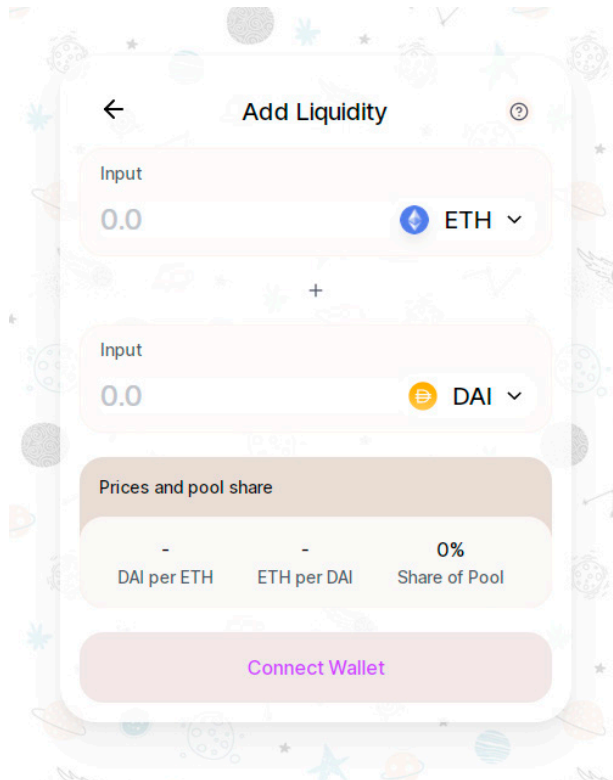
<https://app.rigel.finance/farms>

If you are farming on the farms, you will still get the 0.25% reward fee for being an LP when you next remove your liquidity.

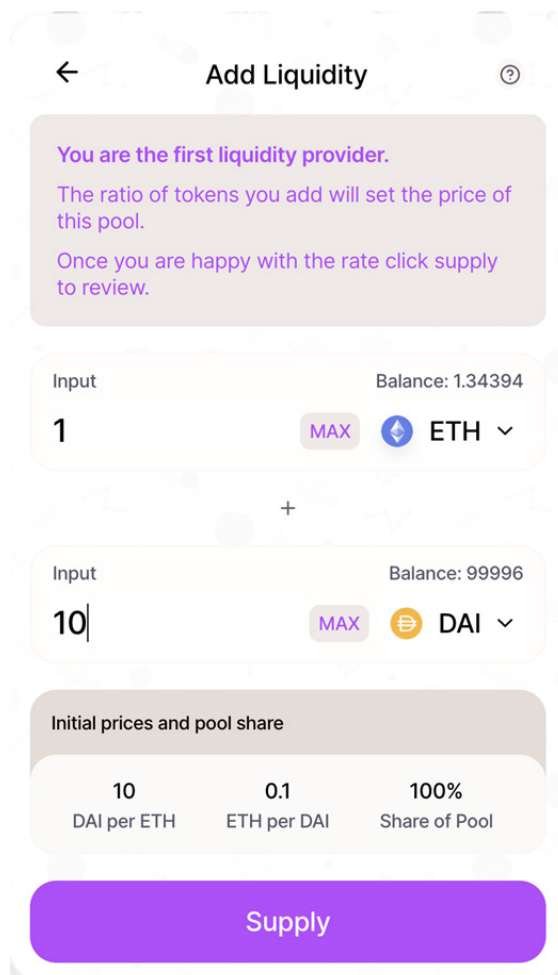
However, because the farms and [exchange.rigel.finance/#/pool](https://exchange.rigel.finance/#/pool) are different smart contracts, It's important to know that the pool page cannot see the tokens you have in farms.

When you are on the pool page it only scans your wallet for RLP tokens to tell you if you are providing liquidity. Therefore it may say "No Liquidity" even though you ARE providing liquidity. It's just that it cannot see which tokens you've deposited into the farms.

Using <https://exchange.rigel.finance/#/pool>



In this example, we will be providing liquidity for the DAI-ETH pool. We've now chosen the respective tokens, as well as the amount we wish to add to the liquidity pool. All that is left to do is to click on the "Supply" button.



Note that if it is the first time you interact with the RigelSwap smart contracts for either or both of these tokens, you will be prompted to approve that the smart contracts can handle those tokens for you.

After providing the liquidity successfully, you receive RigelSwap Liquidity Provider (RLP) tokens in exchange which represent your share of the liquidity pool.

As an LP it is important to understand that you may be exposed to “Impermanent Loss” when providing liquidity.

If previously there were 100 RLP tokens representing 100 ETH and 100 RIGEL each token would be worth 1 ETH & 1 RIGEL.

If one user traded 10 ETH for 10 RIGEL, and another traded 10 RIGEL for 10 ETH, then there would now be 100.025 ETH and 100.025 RIGEL. This means each LP token would be worth 1.00025 ETH and 1.00025 RIGEL now when it is withdrawn.

### Impermanent loss

We will be writing a guide on how to deal with impermanent loss, as well as present what we are working on to help mitigate it, but in the meantime please read the following articles:

<https://pintail.medium.com/understanding-uniswap-returns-cc593f3499ef>  
<https://blog.bancor.network/beginners-guide-to-getting-rekt-by-impermanent-loss-7c9510cb2f22>

### Adding liquidity to an existing pool

To become a liquidity provider for an existing pool, you must provide tokens on the ratio 1:1. For example, if you want to add 4 ETH worth of liquidity to the pool RIGEL-ETH, you need to add 2ETH + 2ETH worth of RIGEL tokens. You only will pay the standard gas fee for this transaction.

# RigelSwap Exchange

The RigelSwap exchange allows users to swap any ERC20 token into any other ERC20 token through automated liquidity pools.

The liquidity provided to the exchange comes from Liquidity Providers ("LPs") who stake their tokens in "Pools". In return, they get RLP (RigelSwap Liquidity Provider) tokens, which can also be staked in the "Farm".

When users make a trade on the exchange, they pay a 0.3% trade fee.

## **0.25% fee reward for LPs:**

0.25% of this trade fee goes to the Liquidity Providers who provide liquidity for that pool. It is added to the pool balance.

If previously there were 100 RLP tokens representing 100 ETH and 100 USDT each token would be worth 1 ETH & 1 USDT. If one user trade 10 ETH for 10 USDT, and another traded 10 USDT for 10 ETH, then there would now be 100.025 ETH and 100.025 USDT. This means each LP token would be worth 1.00025 ETH and 1.00025 USDT now when it is withdrawn.

## **0.05% fee reward for xRigel holders:**

The remaining portion of the trade fee paid goes to a pool called OrionNebula. The OrionNebula contract collects the fees from all the pools, and when the reward distribution command is called, it then sells all the fees turning them into Rigel (via RigelSwap)

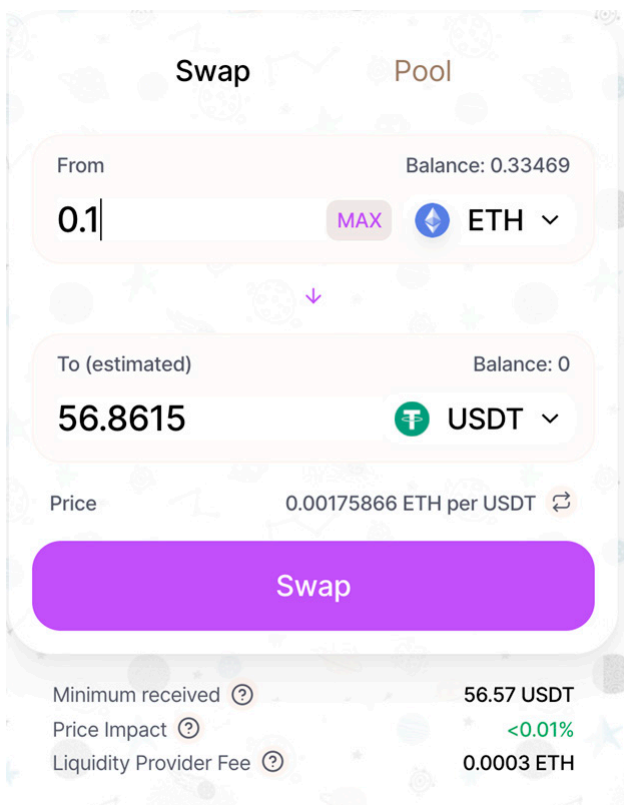
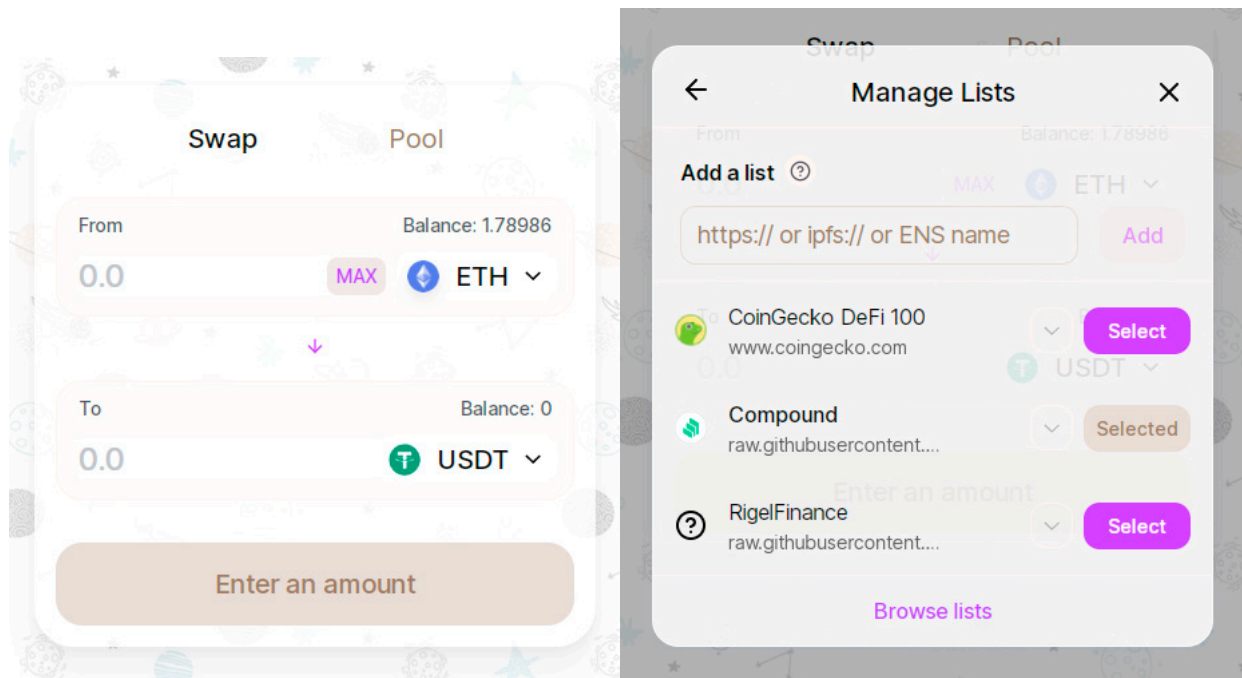
That new Rigel is divided up among the users in the xRigel pool. When those users withdraw their xRigel it will be worth more Rigel than when they put in from the distribution.

## Swap tokens

Go to <https://exchange.rigel.finance/#/swap>. The first thing you do, is to choose which token to swap from. In the below example, we have chosen to swap the ETH token.

Next, it is time to choose which token you want to swap to.

Click on the “**Select a token**” button. You will see a pop-up like this appear:



Clicking **Approve** then prompts you to send a transaction on the blockchain. You only need to do this once for it to work across all our UIs, as it goes through our smart contracts. After the confirmation of the transaction, click on Swap, then all you have to do is confirm the transaction.

**Ready!** You got your first swap on RigelSwap, your transaction cost will depend on the gas fee you used.

# Rigel Wallet

Rigel wallet is a non-custodial wallet and you hold the keys to your cryptocurrency wallet. No crypto is stored on Rigel Wallet itself. All the funds are stored on the blockchain and Rigel Wallet gives you access to them.

Rigel Wallet is free to download and does not earn anything when you use it. Fees are all paid to the miners or validators of crypto networks.

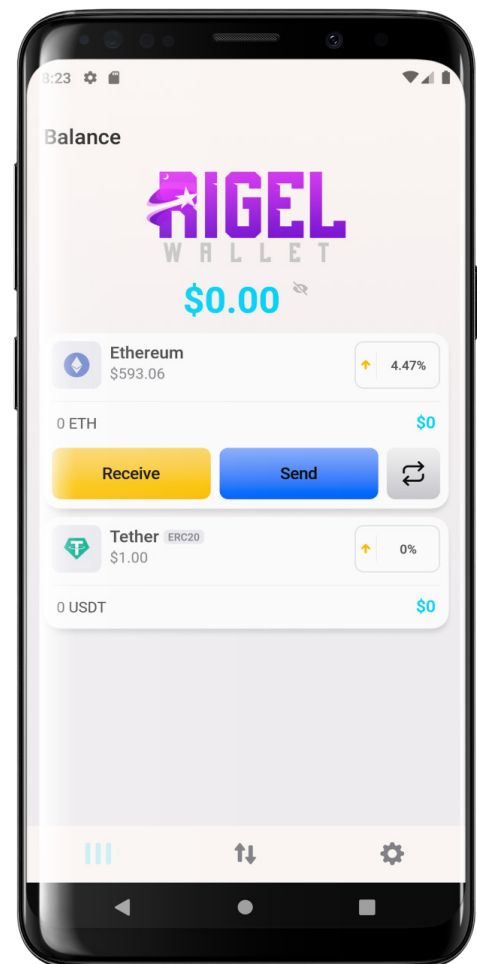
- Send and receive your cryptocurrencies;
- Supports any Erc-20 token;
- Supports WalletConnect Protocol;
- Custom transaction fees;
- Push notification alert for your coins/tokens;
- Version available for Android, soon iOS;
- List your token at Rigel Wallet for 50\$ in Rigel;
- Light and Dark theme.
- [Rigel wallet on GooglePlay](#)

## Listing at Rigel Wallet

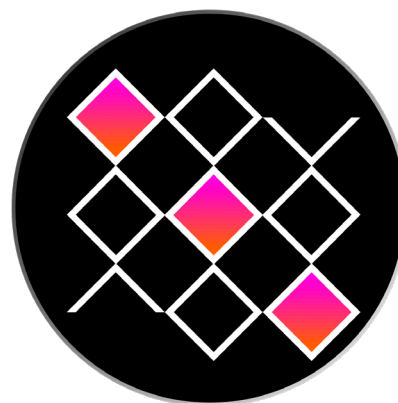
*Requirements for listing projects:*

- Provide Erc-20 token address;
- 100 Token holders as the minimum and 500 transfers. Airdrop doesn't count;
- Website and social media of the project;
- Pay the listing fee, 50\$ in Rigel.

Send your request to [listing@rigel.finance](mailto:listing@rigel.finance)



# Rigel Tokenomics



**Name:** Rigel Finance

**Ticker:** RIGEL

**Decimals:** 18

**Type:** ERC-20

**Circulating Supply:** 5.800 RIGEL

**Max. Supply to be reached in 2022:** 30.000 RIGEL

**Expected date to reach 30.000 RIGEL:** December 2022

**Burning event:** Yes

**Token address:** [0x4ca0654f4fc1025cf1a17b7459c20ac0479522ad](https://etherscan.io/address/0x4ca0654f4fc1025cf1a17b7459c20ac0479522ad)

**Rigel Wallet:** <https://play.google.com/store/apps/details?id=rigel.finance.bankwallet>

**Audit Report:** by Bramah Systems

**Liquidity for RigelSwap:** 300 RIGEL / Price 1 RIGEL = 120\$

**Liquidity for Uniswap:** 300 RIGEL / Price 1 RIGEL = 120\$

**Pre-sale 1° Phase:** 1800 RIGEL

**Pre-sale 2° Phase:** 2200 RIGEL

**Early Bonus for farmers:** 1600 RIGEL

**Marketing:** 600 RIGEL

**Reserved for future listings:** 600 RIGEL

**Platform fee (from rewards):** 5%

**RIGEL/block on first 13 days:** 0.019051633 RIGEL

**RIGEL/block as basic mint:** 0.00476290832 RIGEL

## Rigel Finance Pre-sale

Min. Purchase: 0.1 ETH - Payment only in Ethereum.

**Pre-sale 1° Phase:** 1800 RIGEL

1 RIGEL = 70\$ in ETH \*

**Pre-sale 2° Phase:** 2200 RIGEL

1 RIGEL = 90\$ in ETH \*

**Official Contribution address:** [0xece4eb176820bee7382ff756a318a224dd123411](https://etherscan.io/address/0xece4eb176820bee7382ff756a318a224dd123411)

Set up GAS 120000 and Gwei leave as default

*\*The crowdsale contract interacts with a function to get the actual price of ETH.*

# Roadmap

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## 2020

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### Q4

- Platform development for Exchange, Staking, Farming, and Vision functions;
  - Mobil app development, Rigel Wallet;
  - Website design and writing;
  - Audit report finalized;
  - Launch of Rigel Finance Pre-sale with marketing campaigns;
- 

## Take Me to Rigel

### PROGRAM Q1-2021

- Listings on 7 exchanges, including exchanges with the largest trade volumes;
- Platform launch after 24hr the end of the pre-sale;
- Bonuses for early farmers;
- Powerful marketing campaigns;
- Burning event for tokens;

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# 2021

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## Q1

- Platform launch 24hr after the end of pre-sale;
- Opening all 18 pairs for Yield Farming, liquidity addition on each pair;
- RIGEL Listing on 2 Dex Exchanges, RigelSwap and Uniswap with liquidity locked;
- RIGEL Listing on 5 Exchanges;
- Listing on CoinMarketCap, CoinGecko, CoinPaprika, World-CoinIndex, CoinCodex, LiveCoinWatch, BlockFolio and more;
- Advertising campaigns;
- Project listings within Rigel Wallet;
- Burning tokens, coming from listing fee;
- Launch of Rigel Wallet for AppStore.

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## Q2

- RIGEL Listing in 1 Exchange;
- Burning tokens, coming from listing fee.

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## Q3

- Advertising campaigns;
- Burning tokens, coming from listing fee;
- Rigel Wallet Update. Swap function will be included.

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## Q4

- RIGEL Listing in 1 Exchange;
- RigelSwap Update;
- Burning tokens, coming from listing fee.

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# 2022

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## Q1

- RIGEL Listing in 1 Exchange;
- Burning tokens, coming from listing fee.

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## Q2

- Advertising campaigns;
- Burning tokens, coming from listing fee.

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## Q3

- Rigel wallet update

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## Q4

- The last RIGEL will be generated, only if all blocks were farmed;
- Burning tokens, coming from listing fee.

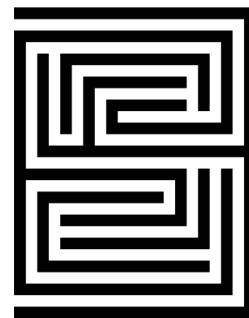
## Audit Report

Company: Bramah Systems

Listed at: <https://www.smartcontractaudits.com/>

Website: <https://bramah.systems>

Link: [https://rigel.finance/Rigel\\_Finance\\_ERC20\\_Audit.pdf](https://rigel.finance/Rigel_Finance_ERC20_Audit.pdf)



## Resolutions - audit report

### Value RigelToken.maxRigel should be declared constant

State variables (RigelToken.maxRigel) should be declared constant in order to optimize gas usage.

**Resolution:** Yes declaring maxRigel as constant will save gas but not enough, hardly small extra gas cost will be charged which will just cost \$0.001, not worth redeploying our contract for it.

### Pre-Flattened Solidity Files

The Solidity files come flattened, containing all contracts needed for deployment of the contract. However, by deploying this way, comparing changes between files (especially those considered to be template code) becomes increasingly difficult, which may present confusion.

**Resolution:** During Verification of Smart Contracts on Etherscan we upload the Flattened Solidity Contracts, it's common practice, it doesn't make sense to separate libraries used in the main contract, to be separated in separate files and then importing from there.

### Code comments may lead to confusion

The token possesses comments which may lead to confusion for users within the constructor function. Specifically, the crowdsaleAllocation is not minted to the Crowdsale contract, but rather to the msg.sender, in this case, the individual who deploys the smart contract.

**Resolution:** This is done intentionally as msg.sender is the RigelCrowdsale itself which is the actual deployer of Rigel Token, thus 4000(crowdsaleAllocation) Rigel is being sent to that contract Address.

## Ability to delegate can be “removed” via incoming token transfers

As previous audits of similar sources denote, the token’s `delegate()` function calls `_moveDelegates()` with the full balance of underlying RIGELs. If an individual was to ascertain RIGEL through a transfer rather than minting themselves, such that their RIGEL balance exceeded that of which they had minted, they would not be able to delegate their RIGEL. This can be avoided through transferring excess RIGEL not minted by the token contract directly.

Severity: Low

### Overview

The function `_delegate()` invokes `_moveDelegates()` with the delegator’s full balance instead of remaining undelegated balance. This can cause users to lose delegation ability if additional RIGEL tokens are acquired without minting (i.e., via transfers).

Consider the following scenario:

Alice has 10 RIGEL, which is delegated to Bob.

Alice acquires 1 additional RIGEL from a transfer.

If Alice attempts to re-delegate her 11 RIGEL tokens to Carol, it will fail due to the `SafeMath` check effectively, the function will attempt to undelegate 11 tokens from Bob instead of 10, and revert.

In general, if Alice’s balance is ever more than the number of tokens minted toward her account (due to transfers), she will not be able to delegate. This can be mitigated by Alice by simply transferring the excess tokens out of her account, however, this scenario may not be clear to end-users from a UX-perspective.

**Resolution:** This functionality is as intended. so, no changes are needed.

Also, this delegation functionality isn’t being used at the moment anywhere, it is being included in Rigel Token Contract, keeping future in mind, that if the platforms mature, Rigel Token holders can vote for future proposals.

### **Return type not specified for delegate and delegateBySig**

The functions `delegate` and `delegateBySig` of the token contract include a return statement at the end of their execution, but do not explicitly declare return types in their definition. The value they are attempting to return, `delegate`, does not return any value.

**Resolution:** `delegate` & `delegateBySig` are the internal functions which is needed to be called within the main function and also don't have any return type thus no return type is needed.

### **Storage is modified in required statement**

On line 1027, the Signatory's nonce value is incremented after being compared to the provided nonce value ('nonce'). However, this comparison occurs before the value of the nonce is incremented, which may not be clear to end users.

**Resolution:** it is done intentionally and is needed for the code to function that way, so no changes needed.

## MAIN FAQs

### What are the sites?

You can see your tokens in [app.rigel.finance/farms](https://app.rigel.finance/farms) or [exchange.rigel.finance/#/pool](https://exchange.rigel.finance/#/pool)  
The website with all information is <https://rigel.finance/>

### Do I need to approve RLP?

Yes. RLP is our version of UNI-v2 LP tokens. They need to be approved to interact with the system.

### Why don't I see my tokens on exchange.rigel.finance?

[exchange.rigel.finance](https://exchange.rigel.finance) and [rigel.finance/farms](https://rigel.finance/farms) are two different smart contracts. The [exchange.rigel.finance](https://exchange.rigel.finance) page looks for LP tokens that are in your wallet (such as Metamask) it cannot see what you have deposited into the farms on the /farms page. So, it will show 0, but your LP tokens are still safe in that contract.

### What is xRIGEL?

xRigel is what you get when you stake RIGEL on the new [app.rigel.finance/staking](https://app.rigel.finance/staking) page - the xRIGEL staked earns a reward fee of 0.05% of all trades.

### How are xRigel rewards sent?

When users make trades on the RigelSwap Exchange a 0.3% fee is charged. 0.05% (1/6th of the fee) is added to the OrionNebula pool in the form of LP tokens for the relative pool.

When the rewards contract is called (minimum once per day) all the LP tokens are sold for Rigel (on RigelSwap Exchange). The newly purchased Rigel is then divided up proportionally between the xRIGEL holders in the pool, meaning their xRIGEL is now worth more Rigel.

Currently, you will not see the gained amount until you have withdrawn. It started as 1 Rigel = 1 xRigel, but just like LP tokens the price of xRigel changes over time depending on how many Rigel rewards are in the pool.

**How do I get trade rewards?**

If you have LP tokens you automatically get 0.25% of all trades in your pool added back to that pool, so you get a proportional share.

If you have xRIGEL staked then you continue to get 0.05% of all trade fees from all pools divided proportionally against your stake.

**What is the APR of the xRIGEL token?**

No one knows because it is based on fees and use.

**Do I continue to get new \$RIGEL rewards?**

Yes, new \$RIGEL is issued every block for Rigel staked in the /farms

**Can I add new pairs to the default list on RigelSwap?**

Yes! you can add a new pair at the [exchange.rigel.finance/#/pool](https://exchange.rigel.finance/#/pool) you will be eligible for the 0.25% trade fee on that pair, but it is not eligible to appear on the default list or for the Rigel rewards on [rigel.finance/farms](https://rigel.finance/farms)

**I can't see my LP tokens showing up?**

Make sure to refresh your cache. There might be caching issues.

**Where can I see the TVL?**

[vision.rigel.finance](https://vision.rigel.finance)

**What is the purpose of \$RIGEL now?**

Now it can be used in yield farming on [rigel.finance/farms](https://rigel.finance/farms) or staked as xRIGEL for trade fee rewards or will be used in governance voting or added as an LP on [exchange.rigel.finance](https://exchange.rigel.finance) pools.

**Does the \$RIGEL token have any burn?**

Yes, anyone can burn their tokens, to create scarcity.

**How does \$RIGEL enter into circulation?**

New Rigel is created at 0.00476290832 Rigel per block for tokens that are staked in the farms on [app.rigel.finance/farms](https://app.rigel.finance/farms)

## Conditions to RIGEL Token sale

YOU MAY NOT MAKE AN ACQUIRE A RIGEL TOKEN IF YOU ARE A CITIZEN, RESIDENT (TAX OR OTHERWISE) OR GREEN CARD HOLDER OF THE UNITED STATES OF AMERICA, OR A CITIZEN OR RESIDENT OF THE REPUBLIC OF SOUTH AFRICA, OR THE CAYMAN ISLANDS.

When you purchase or otherwise receive, a RIGEL token, you may only do so by accepting the following conditions and, by doing so, you warrant and represent that the following are a true and accurate reflection of the basis on which you are acquiring the RIGEL tokens:

RIGEL Team has not provided you with any advice regarding whether RIGEL is a suitable investment for you;

You have sufficient understanding of the functionality, usage, storage, transmission mechanisms and intricacies associated with cryptographic tokens, such as Bitcoin, Ether, Ethereum tokens as well as blockchain-based software systems generally;

You are legally permitted to receive and hold and make use of RIGEL in your and any other relevant jurisdiction;

You are of a sufficient age (if an individual) to legally obtain RIGEL, and you are not aware of any other legal reason to prevent you from obtaining RIGEL;

You take sole responsibility for any restrictions and risks associated with receiving and holding RIGEL, including but not limited to Risk Disclaimer;

by acquiring RIGEL, you are not making a regulated investment, as this term may be interpreted by the regulator in your jurisdiction;

You are not obtaining or using RIGEL for any illegal purpose, and will not use RIGEL for any illegal purpose;

You accept that you bear sole responsibility for determining if the acquisition, the allocation, use or ownership of RIGEL, the potential appreciation or depreciation in the value of RIGEL over time, if any, the sale and purchase of RIGEL.

## Risk Disclaimer

By purchasing, owning, and using RIGEL, you expressly acknowledge and assume the following risks:

### 1. Risk of Losing Access to RIGEL Due to Loss of Private Key(s), Custodial Error or Purchaser Error

A private key, or a combination of private keys, is necessary to control and dispose of RIGEL stored in your digital wallet or vault. Accordingly, loss of requisite private key(s) associated with your digital wallet or vault storing RIGEL will result in loss of such RIGEL. Moreover, any third party that gains access to such private key(s), including by gaining access to login credentials of a hosted wallet service you use, may be able to misappropriate your RIGEL. Any errors or malfunctions caused by or otherwise related to the digital wallet or vault you choose to receive and store RIGEL in, including your own failure to properly maintain or use such digital wallet or vault, may also result in the loss of your RIGEL. Additionally, your failure to follow precisely the procedures set forth for buying and receiving Tokens, including, for instance, if you provide the wrong address for the receiving RIGEL, or provides an address that is not ERC-20 compatible, may result in the loss of your Tokens.

### 2. Risks Associated with the Ethereum Protocol

Because RIGEL Finance platform is based on the Ethereum protocol, any malfunction, breakdown or abandonment of the Ethereum protocol may have a material adverse effect on the platform or RIGEL. Moreover, advances in cryptography, or technical advances such as the development of quantum computing, could present risks to the RIGEL and the platform, including the utility of the RIGEL for obtaining services, by rendering ineffective the cryptographic consensus mechanism that underpins the Ethereum protocol.

### 3. Risk of Hacking and Security Weaknesses

Hackers or other malicious groups or organizations may attempt to interfere with the platform in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing. Furthermore, because the platform is based on open-source software, there is a risk that a third party may intentionally or unintentionally introduce weaknesses into the core infrastructure of the platform, which could negatively affect the platform, including the utility of RIGEL for obtaining services.

#### 4. Risks Associated with Markets for RIGEL

If secondary trading of Tokens is facilitated by third party exchanges, such exchanges may be relatively new and subject to little or no regulatory oversight, making them more susceptible to manipulation. Furthermore, to the extent that third-parties do ascribe an external exchange value to RIGEL (e.g., as denominated in a digital or fiat currency), such value may be extremely volatile.

The market for cryptocurrency is still new and uncertain. No-one should have funds invested in cryptocurrency or speculate in cryptocurrency that she is not prepared to lose entirely. Whether the market for one or more cryptocurrencies will move up or down, or whether a particular cryptocurrency will lose all or substantially all of its value, is unknown. This applies both to traders that are going long and to traders that are shorting the market. Participants should be cautious about holding cryptocurrency.

Markets for cryptocurrency have varying degrees of liquidity. Some are quite liquid while others may be thinner. Thin markets can amplify volatility. There is never a guarantee that there will be an active market for one to sell, buy, or trade cryptocurrency or products derived from or ancillary to them. Furthermore, any market for cryptocurrency may abruptly appear and vanish.

#### 5. Risk of Uninsured Losses

Unlike bank accounts or accounts at some other financial institutions, RIGEL is uninsured. Thus, in the event of loss or loss of utility value, there is no public insurer.

#### 6. Risks Associated with Uncertain Regulations and Enforcement Actions

The regulatory status of RIGEL and distributed ledger technology is unclear or unsettled in many jurisdictions. It is difficult to predict how or whether regulatory agencies may apply existing regulation with respect to such technology and its applications, including the RIGEL Finance platform. It is likewise difficult to predict how or whether legislatures or regulatory agencies may implement changes to law and regulation affecting distributed ledger technology and its applications, including the platform.

#### 7. Unanticipated Risks

Cryptographic tokens such as RIGEL are new and untested technology. In addition to these risks, there are other risks associated with your purchase, possession, and use of RIGEL, including unanticipated risks. Such risks may further materialize as unanticipated variations or combinations of the risks discussed in this risk disclaimer.

## Contacts

### RIGEL FINANCE

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**Twitter:** <https://twitter.com/RigelFinance>

**Medium:** <https://rigelfinance.medium.com>

**Reddit:** <https://www.reddit.com/user/RigelFinance>

**Youtube:** <https://www.youtube.com/channel/UCh89n7prl0gLTuki1chvI3Q>

**GooglePlay:** <https://play.google.com/store/apps/details?id=rigel.finance.bankwallet>

