

# Introduction

**Abracadabra.money** is a lending platform that uses interest-bearing tokens (ibTKNs) as collateral to borrow a USD pegged stablecoin (Magic Internet Money - **MIM**), that can be used as any other traditional stablecoin.

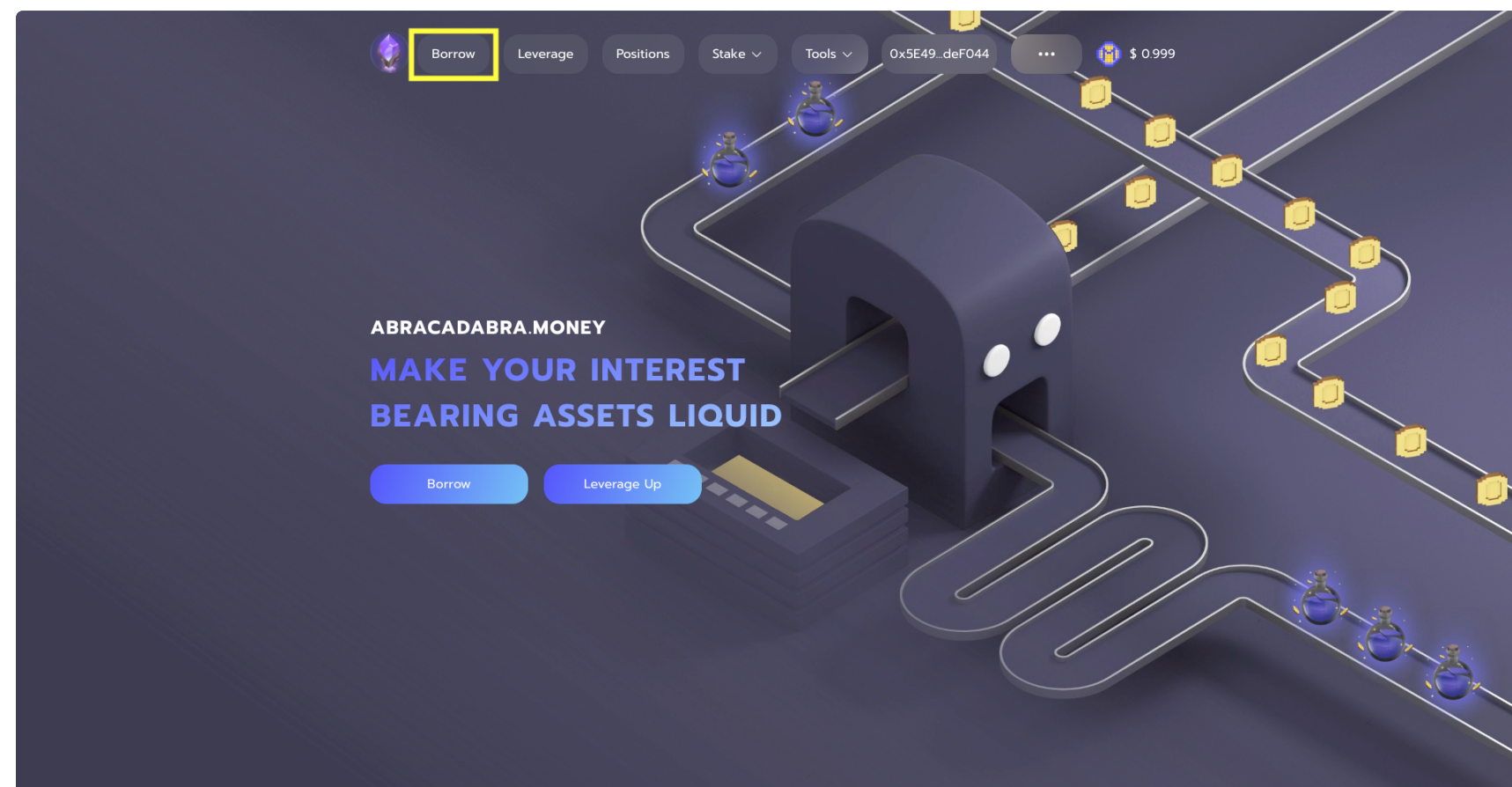
Currently, a lot of assets, such as yVaults have locked in capital that can't be put to further use. **Abracadabra** offers an opportunity to use it.

# Borrow

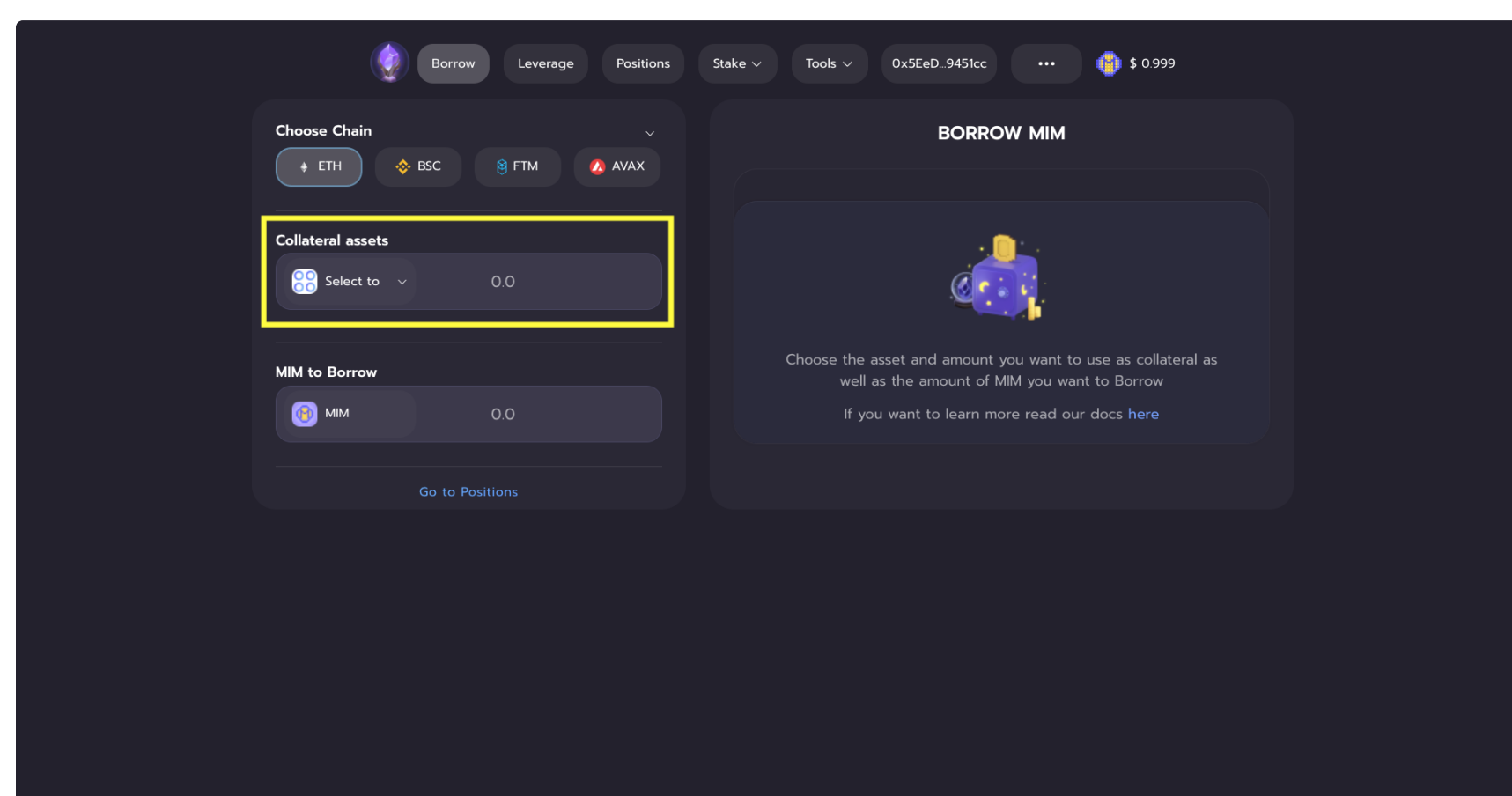
Abracadabra provides isolated lending markets that allow you to borrow against various forms of collateral. To learn more about isolated lending markets and the Kashi technology that powers the magic of Abracadabra, please refer to the [Kashi documentation](#).

## Depositing Collateral and Borrowing MIM

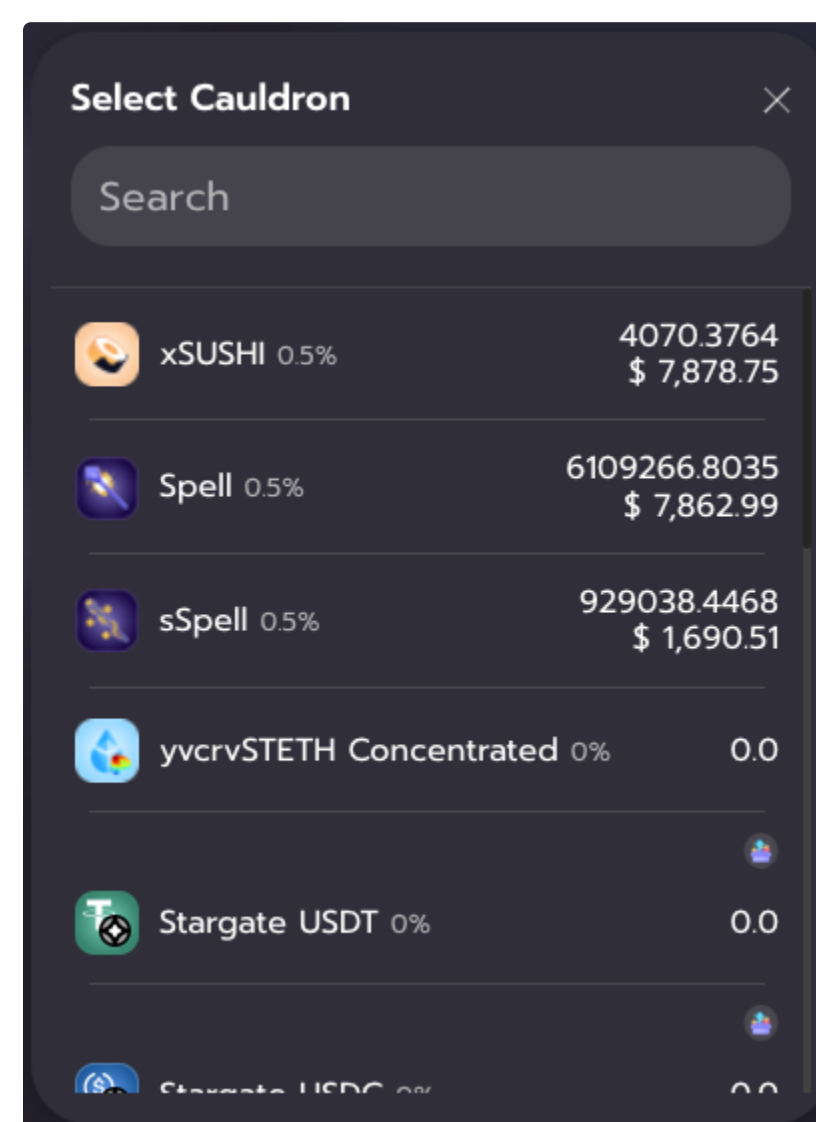
Head over to [abracadabra.money](#) and click on Borrow.



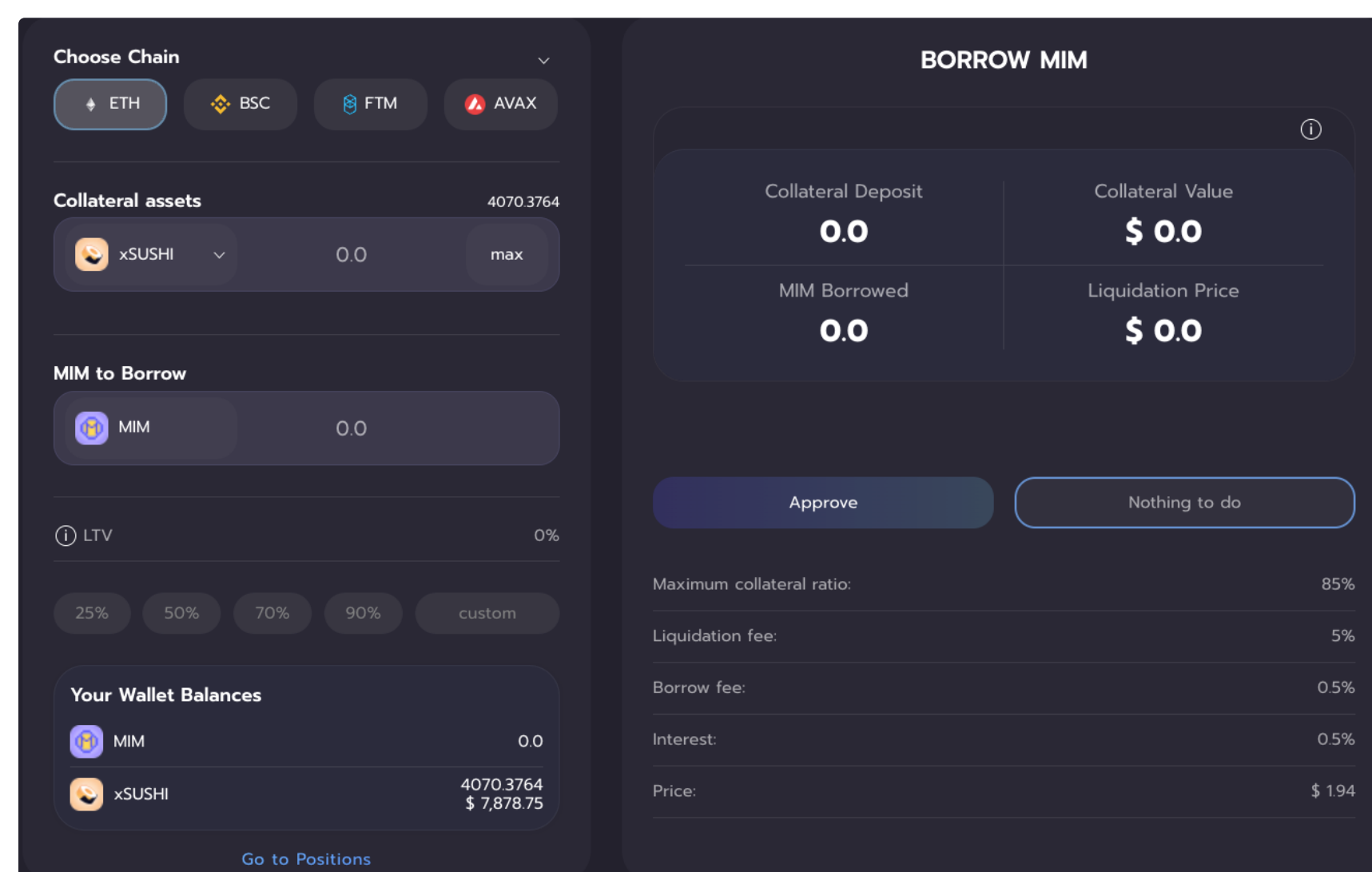
Once on the Borrow page, you will be able to select token collateral to deposit into the isolated lending market by clicking on the highlighted frame.



Once selected, you will see various tokens that are able to be used as collateral to be borrowed against.

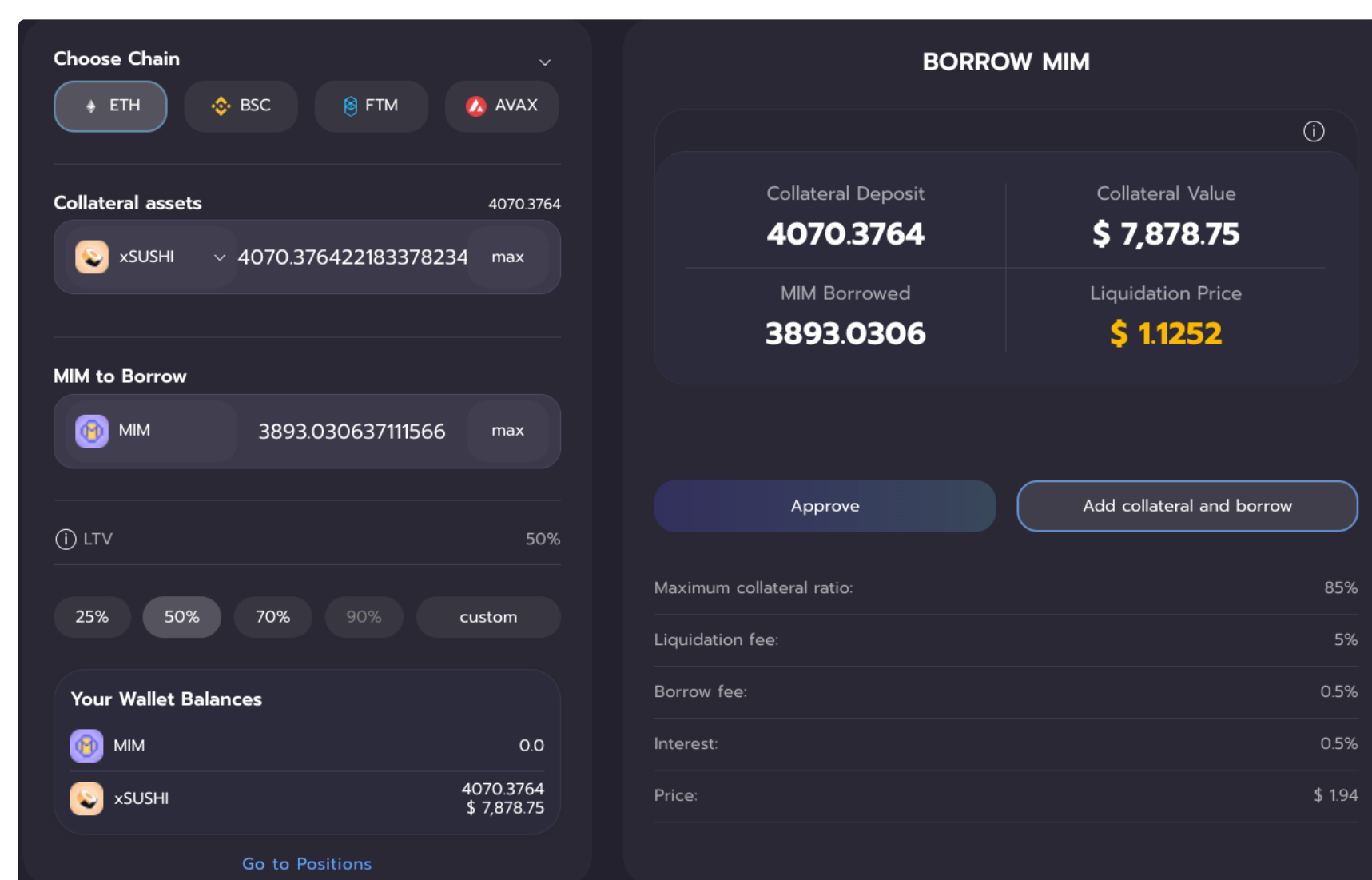


Clicking on the collateral will select the appropriate market.



In this example, we are going to deposit xSUSHI tokens as collateral and borrow MIM against those tokens.

First, you can decide how much xSUSHI will be deposited as collateral. Next, you decide how much MIM will be borrowed against that collateral by either typing an amount into the input labeled "MIM to Borrow" or by using the LTV percentage buttons immediately below.



Once you have selected your parameters, the box on the right will show you what your borrow position will look like, after the transaction is successfully completed.

- **Collateral Deposited:** Amount of collateral into the position.
- **Collateral Value:** Current dollar value of the collateral deposited.
- **MIM Borrowed:** Total amount of MIM that will be borrowed after the position is opened.
- **Liquidation Price:** Collateral price at which your borrow position will be liquidated.

## Liquidation Price

The liquidation price that is shown will always refer to the collateral that has been deposited to borrow MIM. A liquidation price of \$1.1252 means that if the price of xSUSHI drops to \$1.1252, your position is at risk of being liquidated. Please refer to the "[Liquidations](#)" section of the docs to learn more.

## Market Parameters

Maximum collateral ratio:	85%
Liquidation fee:	5%
Borrow fee:	0.5%
Interest:	0.5%
Price:	\$ 193

The box underneath the Approve and Borrow buttons show the lending market's parameters. These parameters are specific to the collateral that is being deposited.

- **Maximum collateral ratio:** Maximum collateral ratio (MCR) represents the maximum amount of debt a user can borrow against the current value of the collateral token. For instance, if you are depositing \$100 of collateral and the MCR is 85%, then you can borrow up to 85 MIM.
- **Liquidation fee:** Liquidation fee represents the discount that a liquidator will receive when repaying open borrow positions that are flagged for liquidation.
- **Borrow fee:** Borrow fee is a fee that is charged on the amount of MIM that you borrow. For example, if you borrow 100 MIM on a market with a 1% borrow fee, you will owe 1 MIM in addition to the 100 MIM you borrowed. Your outstanding debt will therefore be 101 MIM.
- **Interest:** Interest is the annualized rate that your debt will increase by each year.
- **Price:** Current price of the collateral selected.

## Opening a position

When you are finally ready to open a position, simply click on the "Add collateral and borrow" button.

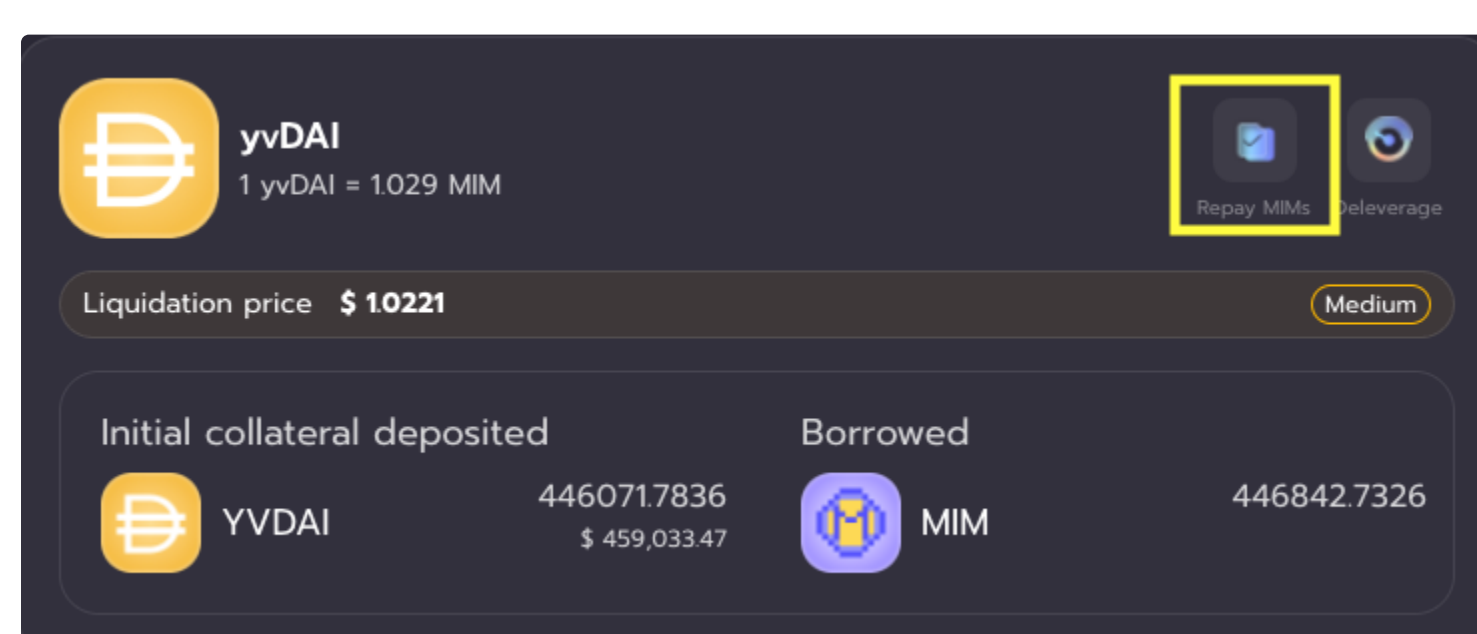
**Note that if this is your first time using Abracadabra, you may need to grant several approvals before you can open the position.**

Click this button will deposit the collateral in your wallet and place them into a contract. The borrowed MIM will then magically appear in your wallet. You may need to add the MIM token address to your wallet in order to see them.

Once the transaction is confirmed, you will receive a pop up that redirects you to the "Positions" Page where you will be able to repay or close your position.

## Closing a position

In order to close your position, head over to the Position page, and click on the "Repay MIMs" button.



Once there, you will be able to repay your MIMs and remove your collateral. Be sure not to remove collateral before repaying as this will lower your liquidation price.

# Deprecated Markets

For some of our markets, some market parameters are unable to be changed once deployed. Therefore, we will occasionally relaunch markets with updated parameters, and deprecate the older version.

When a market is deprecated, users will no longer be able to borrow MIM from that market going forward. The cauldron itself, however, is still fully operational, and if a user has an open borrow position, it can be repaid at the user's convenience!

You can find all markets, including those that have been deprecated, in our [Markets](#) section.



Please note that positions are not automatically transferred to new versions of a market. Your collateral will continue to exist in the deprecated market and will *not* show up in the new market.

# Leverage

One of the features of using Caudrons Technology as our lending engine is that it allows users to leverage their interest-bearing tokens positions. Here at Abracadabra, we have developed a one-click UI that allows you to do so automatically. Let's dive into this!

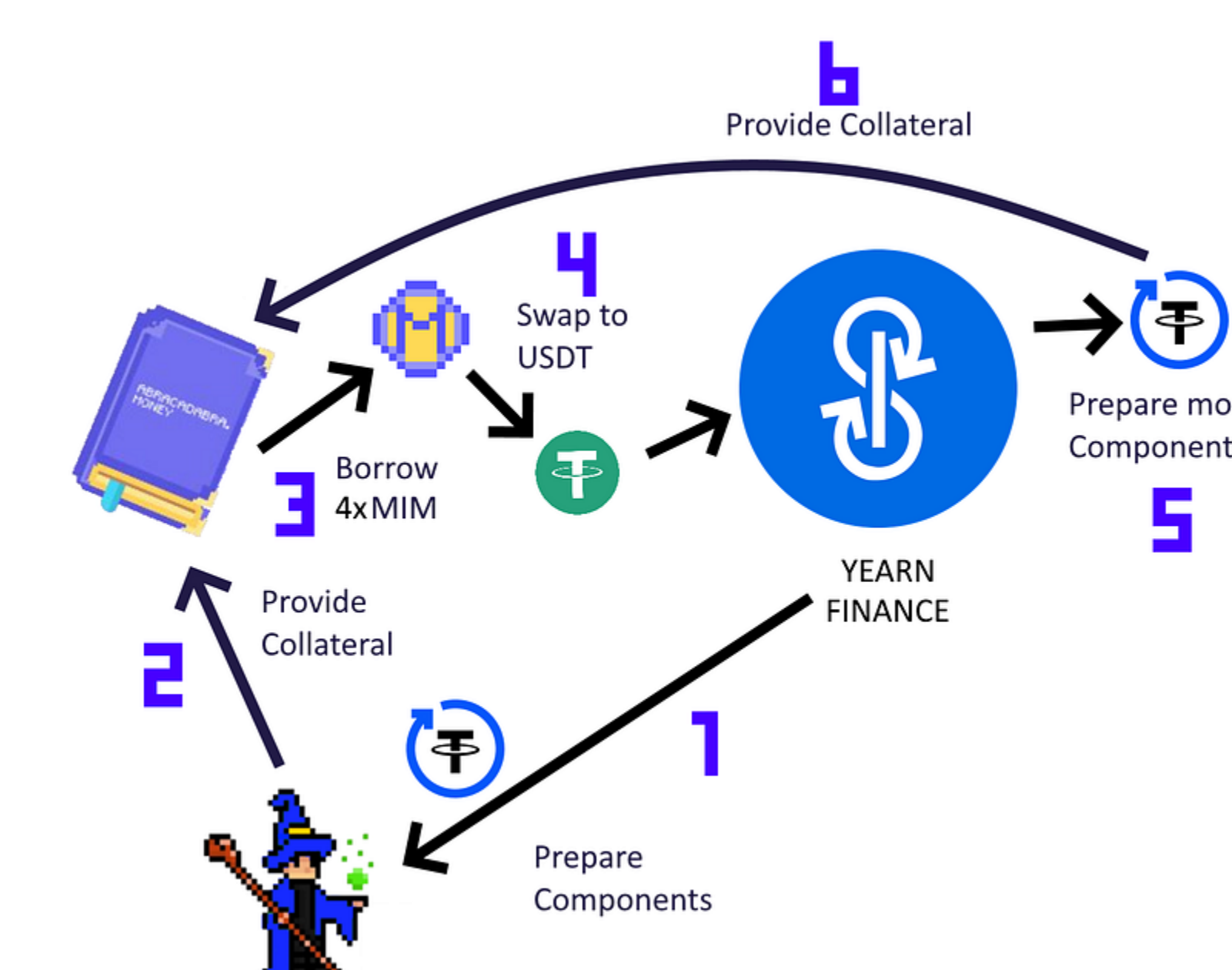
## How the process works:

To open a leveraged position, users need to deposit the interest-bearing token they want to leverage. Caudrons allow withdrawing more MIMs than it should be possible, as long as the collateral required is supplied to the position eventually, within the same transaction.

To better explain this, let's use the example of a user that wants to leverage his yvUSDT position:

- **Step 1 and 2** - The user selects the desired leverage, obtains the yvUSDT, and deposits them as collateral.
- **Step 3** - Given the selected leverage, the protocol borrows the respective amount of MIMs.
- **Step 4** - These MIMs are swapped into USDT (current price peg and slippage play an important role here).
- **Step 5** - These USDT are deposited into a Yearn Vault to receive yvUSDT.
- **Step 6** - These yvUSDT tokens are deposited back into the Abracadabra to collateralize the user's position.

This process can be visualized using the following infographic:

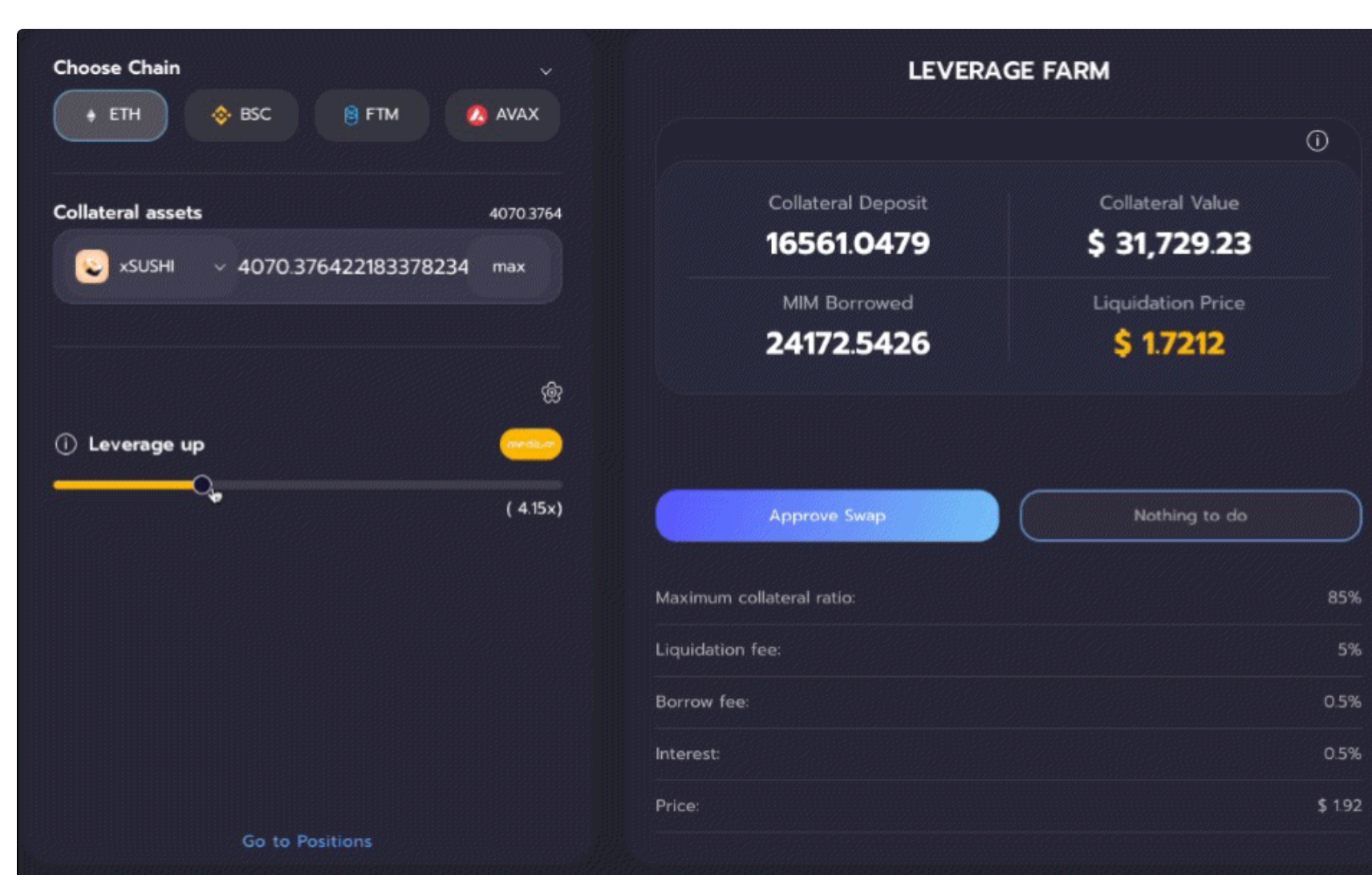


Notice that all of these steps happen in one single transaction, and therefore only one gas fee will be required. If one of these steps fails, the whole transaction fails.

Note that if the token is not an Interest Bearing Token, STEP 4 and STEP 5 are substituted by a simple market buy of the token the user is leveraging.

## Leveraging a Position on Abracadabra

First head to the **Leverage** page, then select on the collateral you want to use to leverage, in the same way as it happens for Borrow.



Our UI automatically computes the optimal LTV and the number of loops for your leveraged positions. Moving the slider towards the right will increase those parameters, making your position riskier and therefore the liquidation price higher. Make sure to check the amount of MIM leveraged in the box underneath, as well as your actual leverage.

The Liquidation Price changes dynamical with your slides, always make sure to double-check it before opening the leveraged position.

Note that a Borrow Fee will be charged on the leveraged MIM amount that the user is borrowing.

Clicking on the small cogwheel above the positions health, will allow you to change the swap tolerance.

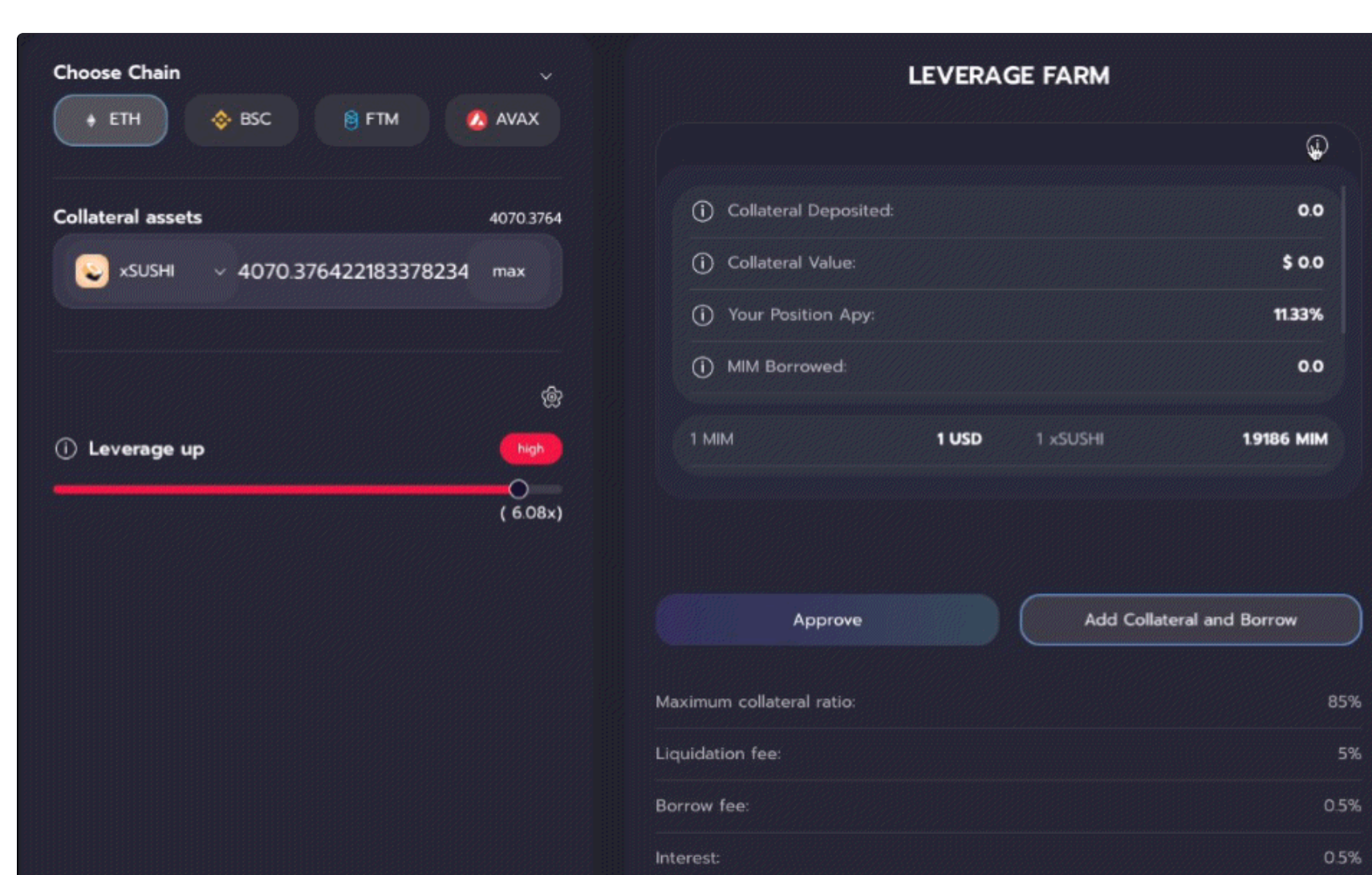
**Swap Tolerance** is the amount of change in value a user is comfortable with. Factors that affect the change in value when MIM are swapped for other tokens are, the initial price peg difference at the market, and the slippage of trade from price changes during execution.

If the swap tolerance is not high enough, the transaction will fail and an error will pop up.

The box on the right will show you the following dynamic data:

- **MIM Borrowed:** This number will tell the wizard approximately how many MIM will be borrowed and used to create leveraged components.
- **Expected Liquidation price:** Price of collateral at which you can expect this leveraged position to be liquidated. This will depend on what percentage of collaterals the user selects as well as the leverage chosen.
- **Collateral Deposited:** the leverage amount of collateral you will deposit.
- **Collateral Value:** The leveraged value of collateral deposited.

If you have an already open position, and you are interested in seeing it before opening a new one, you can click on the small "I" icon.



Please note that every position you open on Abracadabra using the same collateral will be combined into a single position, no matter if it is leveraged or not. Therefore be sure to check your combined liquidation parameters after each adjustment using the data in the **My Open Positions** box, as they are likely to be different from the ones above.

After all the parameters are set, click on the **two buttons underneath** and open your leverage position!

Note: The user will not end up with any MIM in their wallet from this transaction, and will be farming yield at the leverage they have selected.

This is extremely important!

Different from what happens in unleveraged positions, if the leveraged position gets liquidated, users will not have any assets in their possession.

## Transactions

It should be noted that 1st-time users will be met with several transactions in the following order.

1. Users will have to approve the spending of their collateral token to Bentobox.
2. Then, users will need to approve the spending of their collateral token to the contract specific to the position they are entering.
3. Next, they will have to approve the spending of the MIM they are borrowing to the contract specific to the position they are entering.
4. Finally, they will need to send the entire transaction to open up the position.

This is important to note, as each transaction will come with an individual gas cost.

## Deleverage Positions

Please note that as Abracadabra cannot distinguish between leveraged and not leveraged positions this function can be used to repay any kind of debt, but it will cost more with gas than a usual repay transaction. Use this function accordingly.

Bear in mind that leveraged positions can be closed by simply repaying the amount of MIM owed to the protocol, it is not compulsory to use this function. This function allows users to close their position even if they do not have the required MIMs in their wallets.

## How the process works:

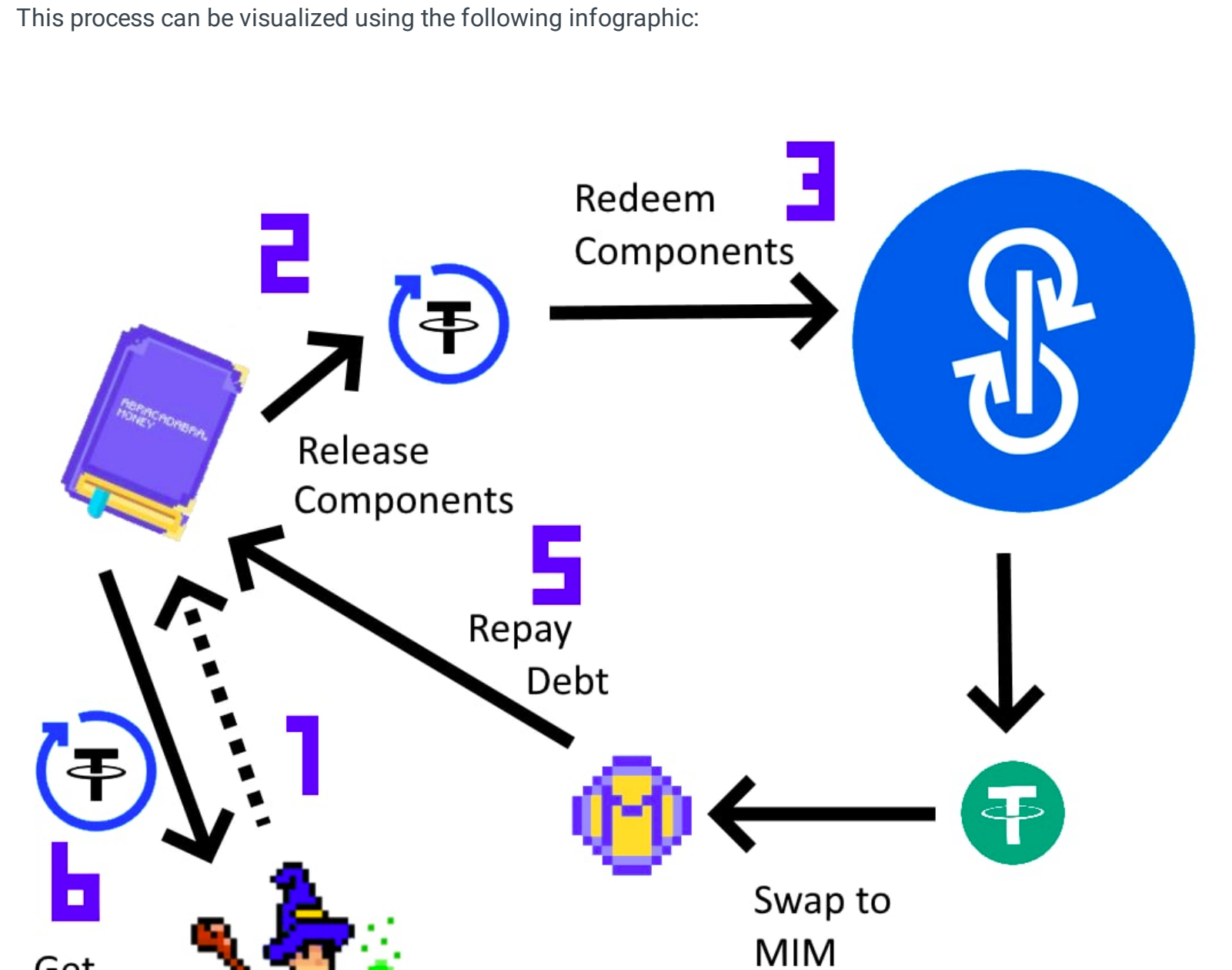
Caudrons allow withdrawing collaterals even without repaying MIMs, as long as the MIMs required are supplied to the position eventually, within the same transaction.

The process works the exact opposite as the "Leverage Yielding Transaction".

To better explain this, let's use the example of a user that wants to close his yvUSDT leveraged position. This user does not have enough MIMs in his wallet to repay his debt, therefore he needs to use the **"Deleverage"** function.

- **Step 1** - The user selects the desired amount of collaterals he wants to withdraw and the amount of MIMs he wants to repay.
- **Step 2** - The protocol releases the user's collateral, in this case, yvUSDT.
- **Step 3** - These yvUSDT tokens are then unstaked from the yearn vault and turn into USDT.
- **Step 4** - These USDT are swapped for MIMs. (current price peg and slippage play an important role here).
- **Step 5** - These MIMs tokens are deposited back into the Abracadabra to repay for the user's released collaterals.
- **Step 6** - The user receives whatever collaterals are left after these transactions, in this case, the value will be equal to the profit that the leveraged position has produced.

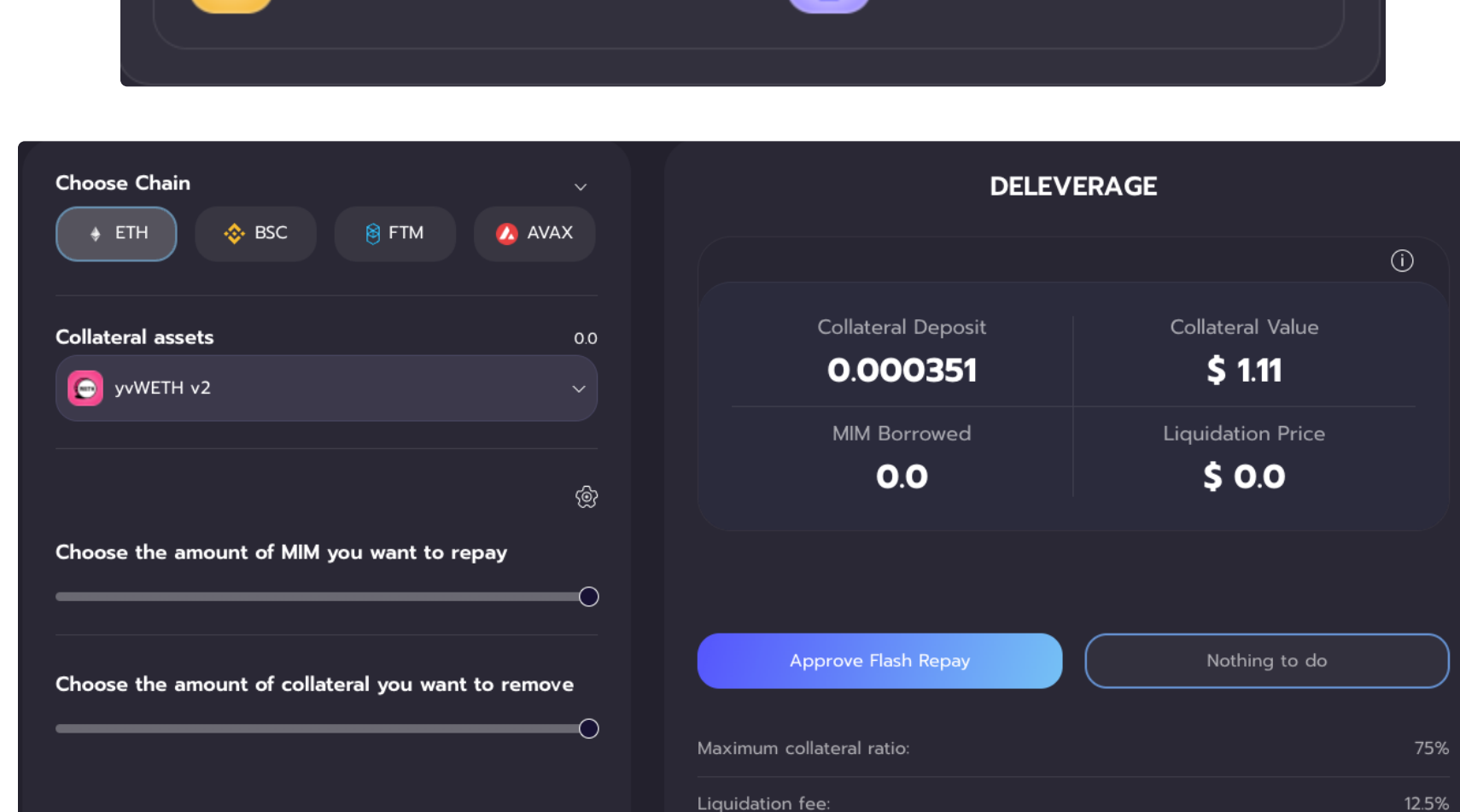
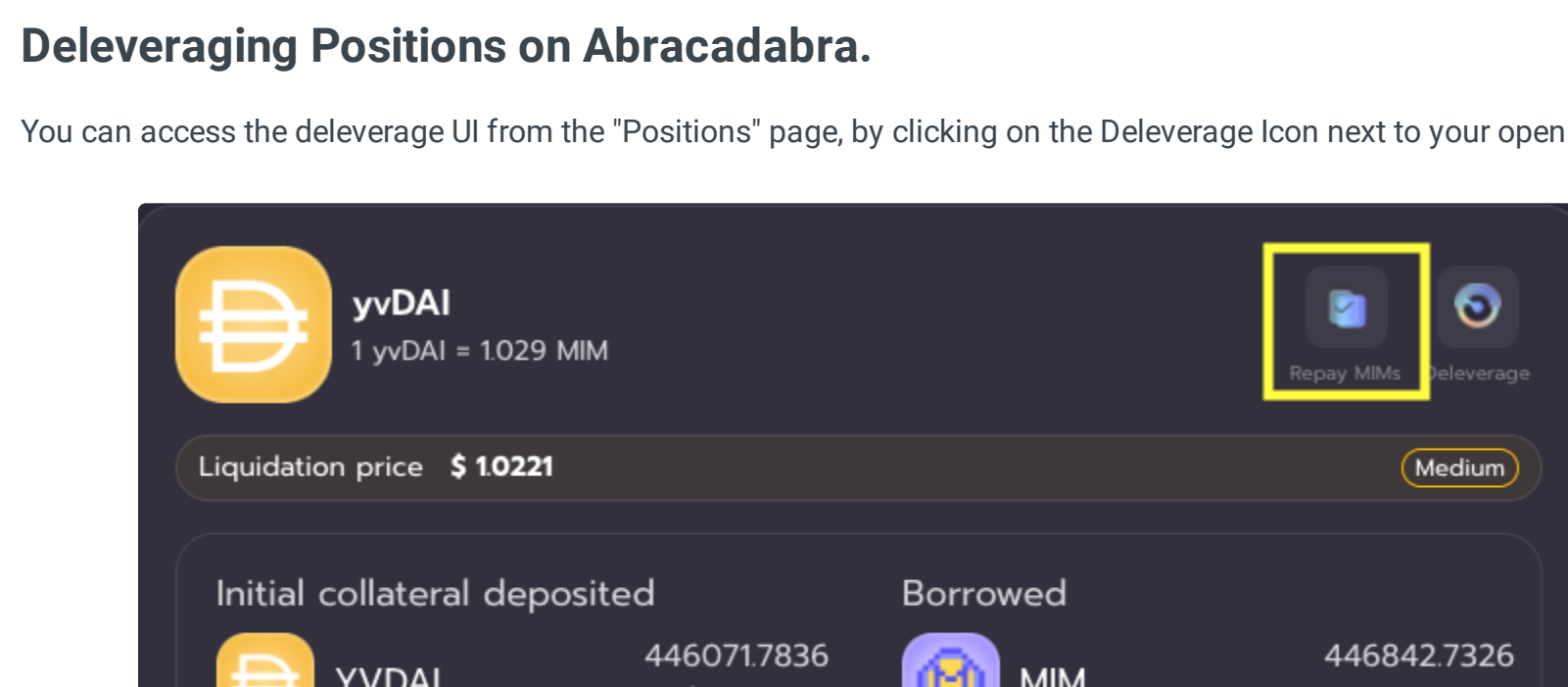
This process can be visualized using the following infographic:



Notice that all of these steps happen in one single transaction, and therefore only one gas fee will be required. If one of these steps fails, the whole transaction fails.

## Deleveraging Positions on Abracadabra.

You can access the deleverage UI from the "Positions" page, by clicking on the Deleverage Icon next to your open position.



Here users will be able to select the number of MIM they want to repay as well as the amount of collaterals they want to remove. If you wish to close your position entirely, slide both sliders to the right.

Please note that the amount of collaterals a user wants to remove changes dynamically with Swap tolerance and the amount of MIMs the user wants to repay, and will be reset every time one of these two parameters changes.

Users will also be able to select the **Swap Tolerance** they are willing to accept by toggling the cogwheel icon. If the swap tolerance is not high enough, the transaction will fail and an error will pop up.

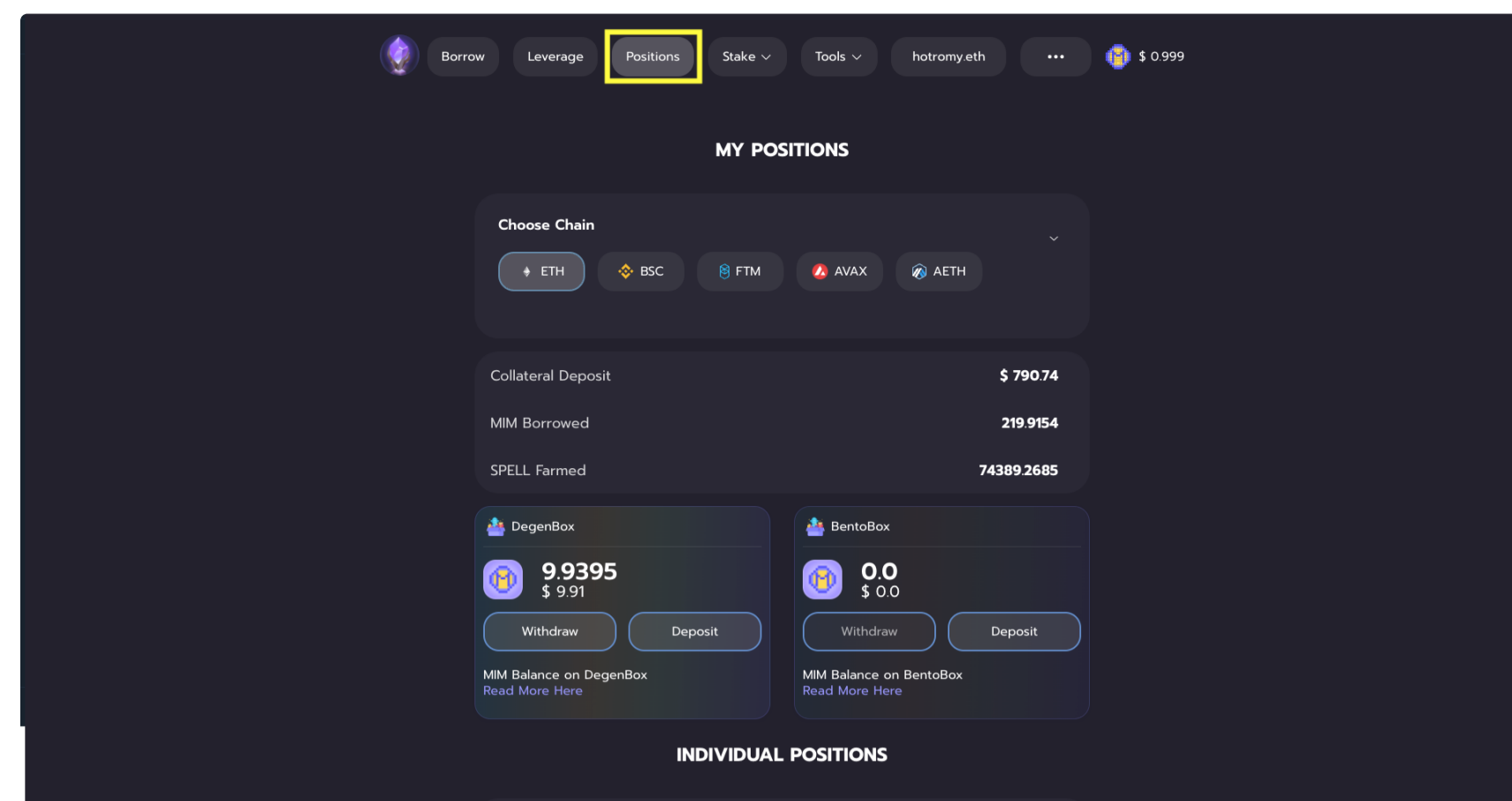
After all the parameters are set to the user's desire, they can click on **REPAY** and start the transaction. Please note that gas fees are usually higher than the usual repay action, therefore we recommend using this function only if the user's willing to accept the cost.

Attention!

Note that, as of right now, after the full unwind process, some dust (in both MIM and/or Collateral) still remains in the position. This small issue will soon be addressed! In the meantime, if you wish to clear the remaining dust, process an additional, normal transaction. Stay tuned!

# Positions

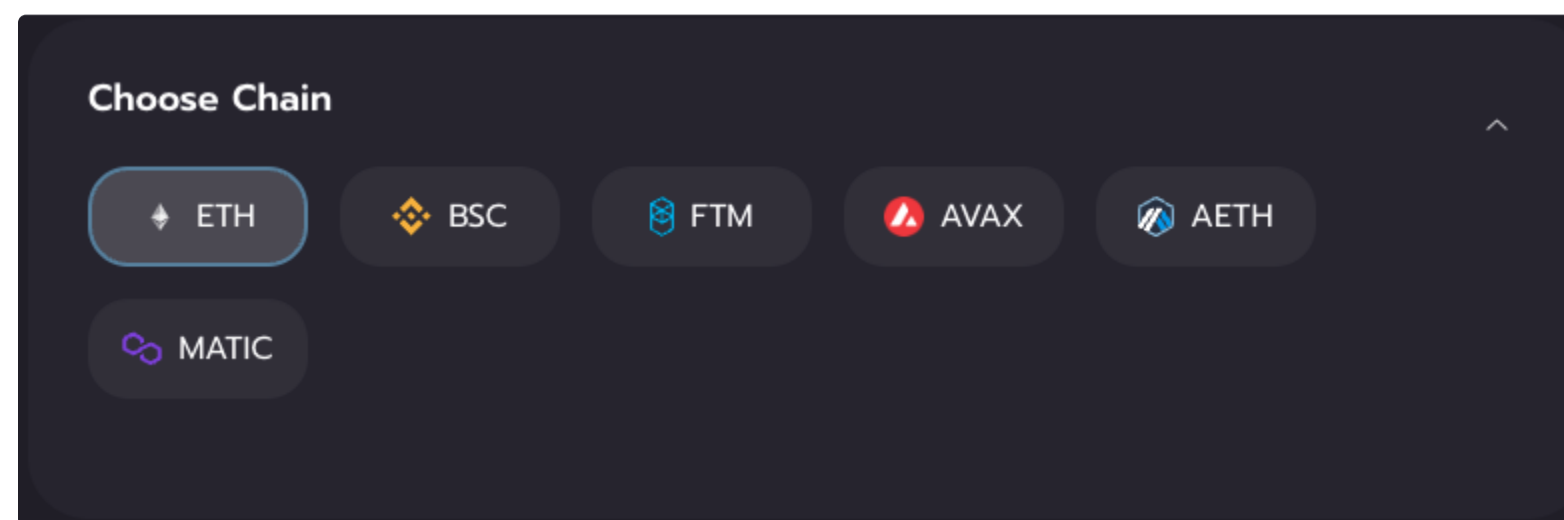
## Using the Positions Page



This page has several frames that allow users to interact and gather data about various aspects of their positions on [abracadabra.money](https://abracadabra.money).

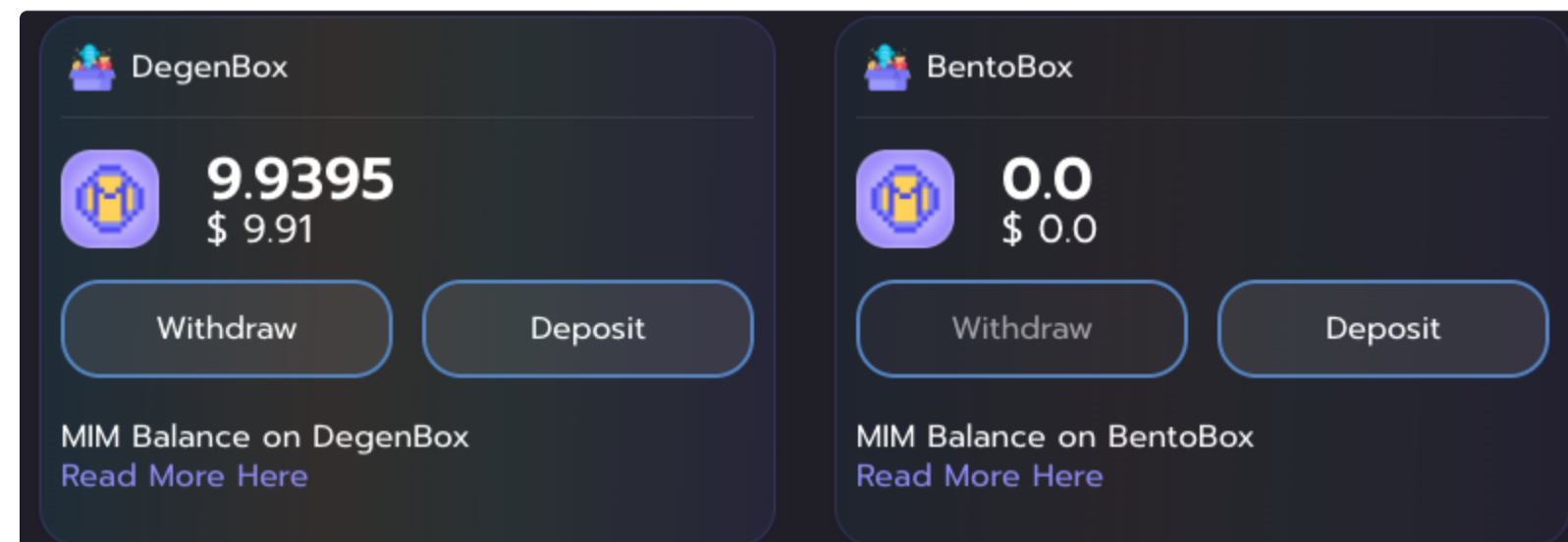
### Choose Chain

Choose chain allow user to change the chain on which they are using on Abracadabra. Please note that a position on Ethereum will not pop up if you are using Fantom, and vice versa.



### MIM Balance on Bentobox/Degenbox

This frame describes the amount of MIM that the user has on Bentobox. Keep in mind that, as Abracadabra is using Kashi Technology, it interacts with Bentobox. Read more about what Bentobox is [here](#).



After having Deleveraged your position, please consider checking your balance here, some MIMs may be sent to your Bentobox balance and you will be able to withdraw by clicking on the **WITHDRAW** button.

### The Summary

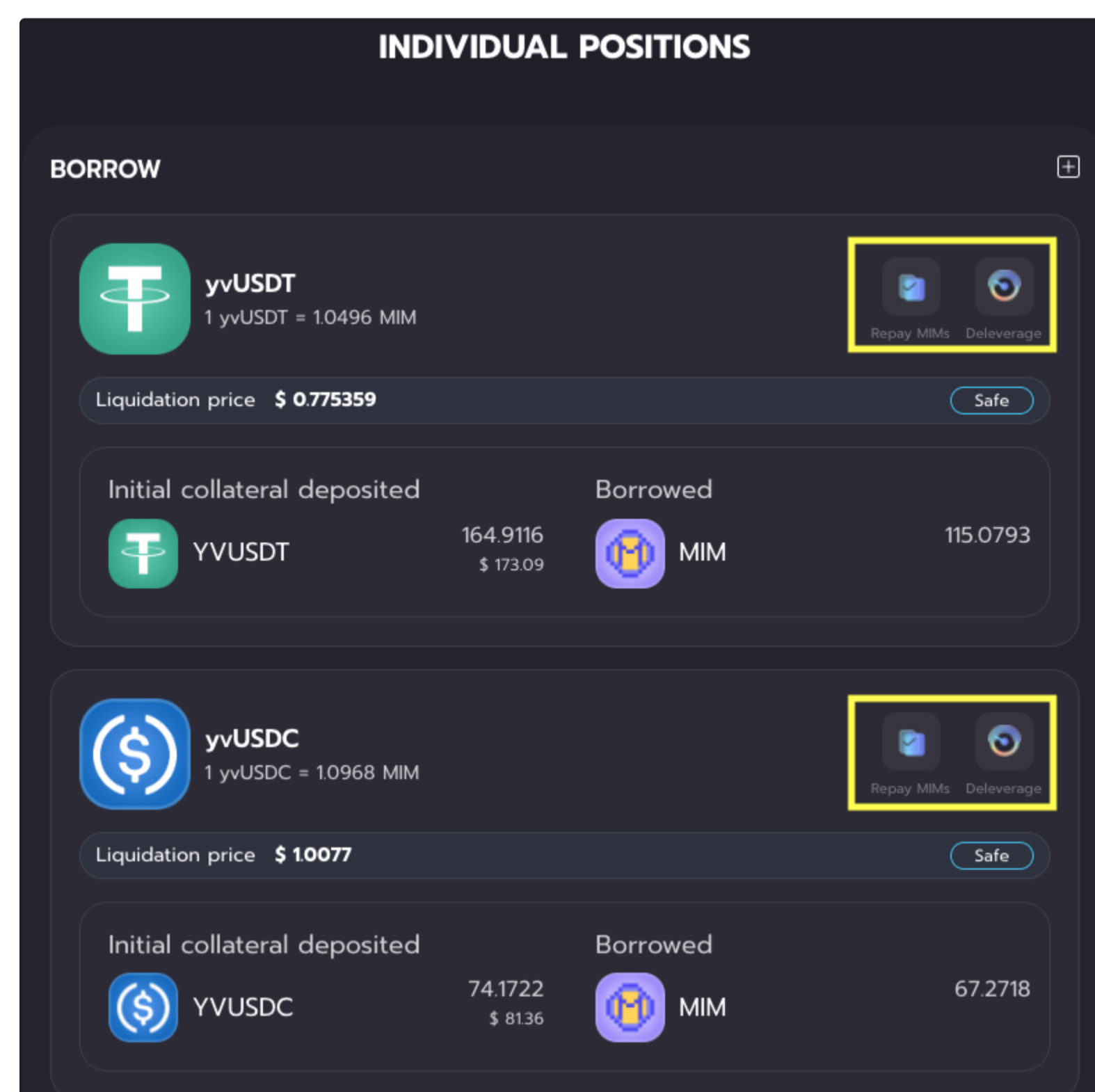
This frame gives a user a quick summary of their current position totals.

Collateral Deposit	\$ 790.36
MIM Borrowed	219.9154
SPELL Farmed	74394.9983

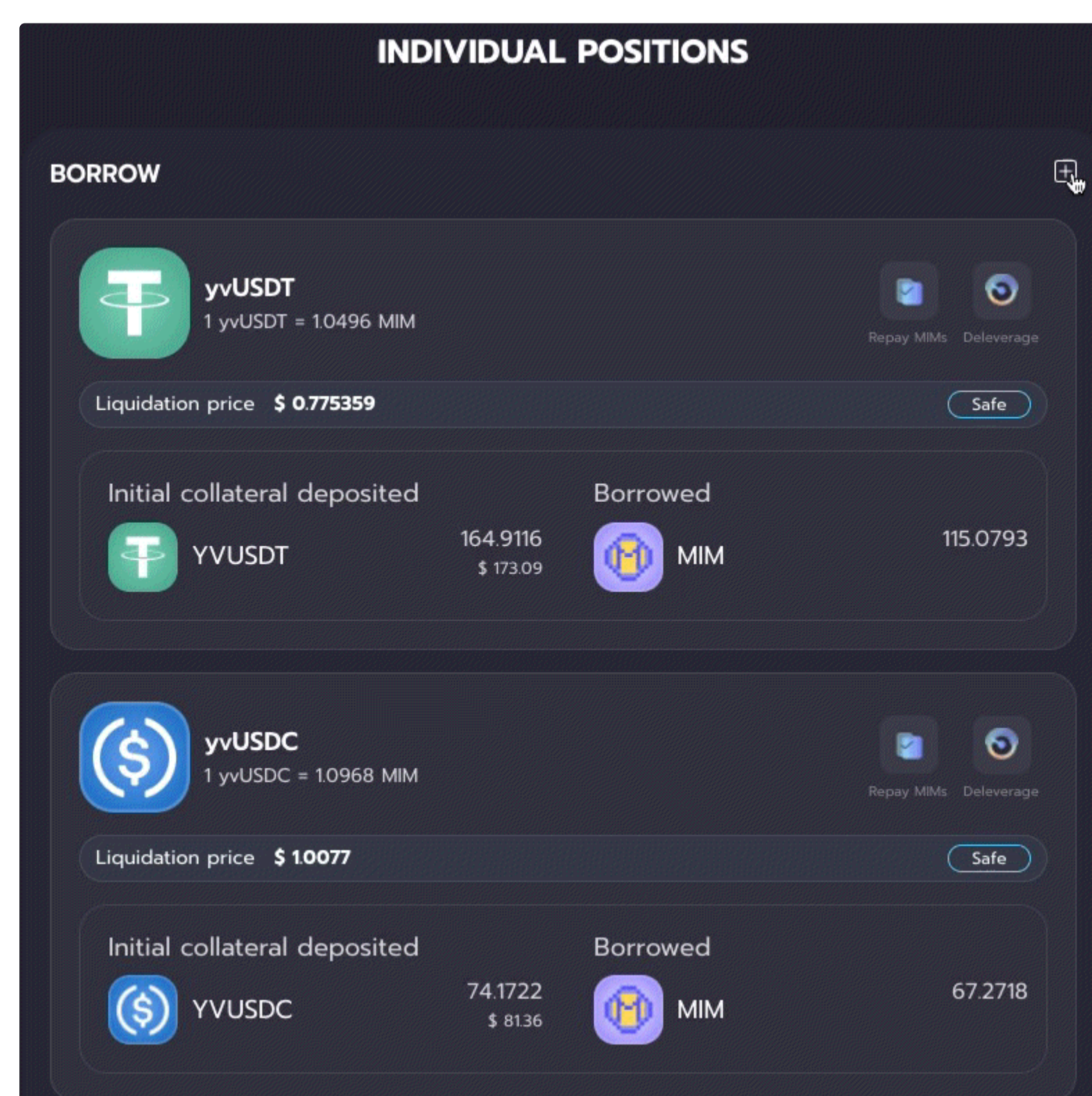
- **MIM Borrowed** - Displays the total amount of MIM tokens borrowed.
- **Collateral Deposit** - Displays the USD value of all the ibTKNs supplied to all positions.
- **SPELL Farmed** - Amount of SPELL farmed in our farms.

### Open Positions

The bottom of the page will show a summary of all the user's positions and how healthy they currently are.



By clicking on the small "+" in the top of the screen, you will see more information about your position.

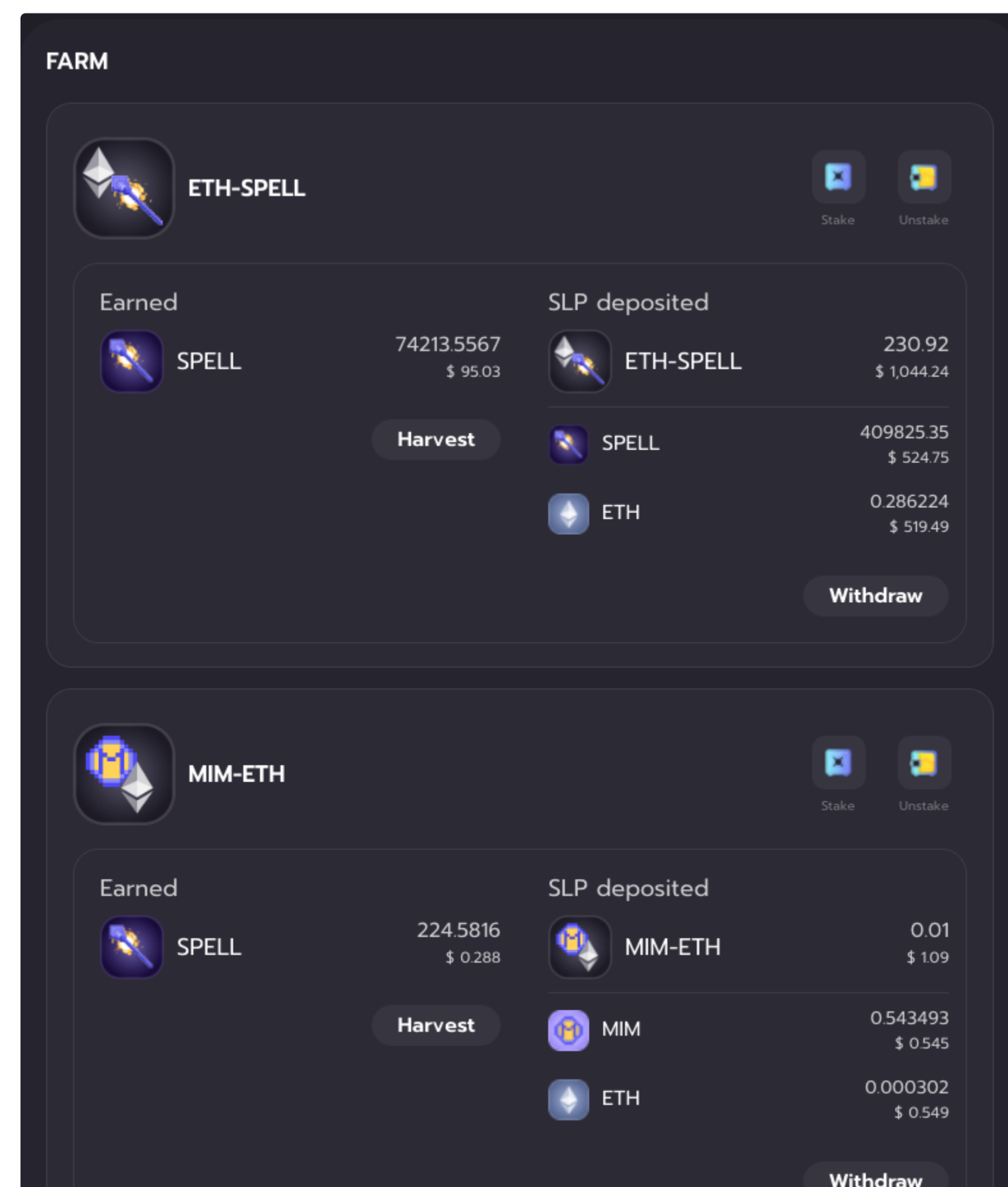


By clicking on Repay MIMs or Deleverage, you will be able to close your positions.

If you wish to learn more about how to close or flash repay your positions, head over to the Borrow and Leverage pages.

### Farming

Towards the end of the page, user can also see if they have any farming positions open. They can harvest rewards, check amounts or withdraw LP tokens.



# Stake

## Fee Sharing

The Stake page allows users to take part in the fee sharing mechanism of Abracadabra!

We currently support two staking methods:

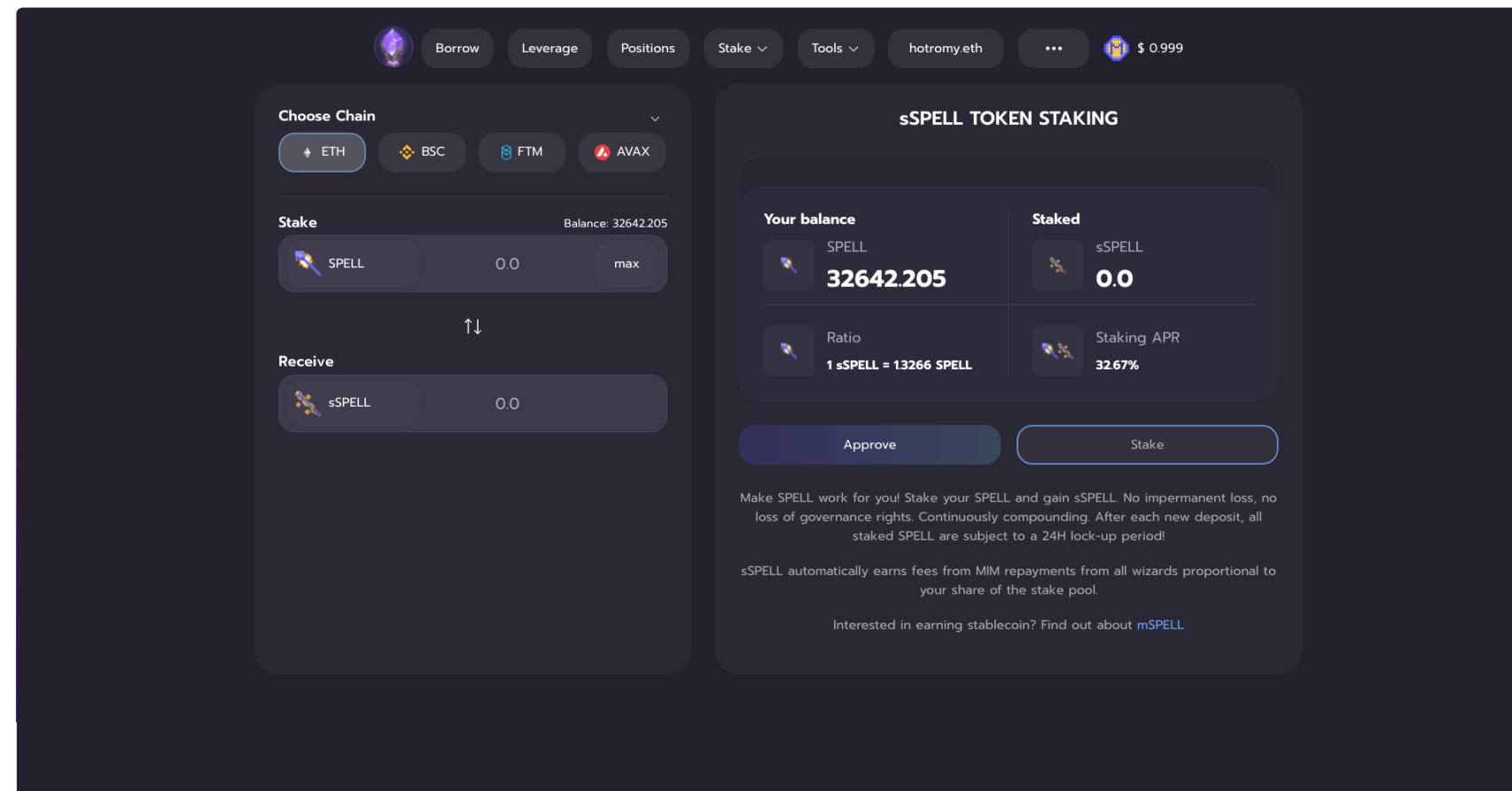
- sSPELL - stake SPELL tokens and earn more SPELL
- mSPELL - stake SPELL tokens and earn stablecoin income through \$MIM

Find out more in the next page of this wiki!

# sSPELL

## sSPELL - Staked SPELL tokens

By clicking on the STAKE button in the top part of the screen, users will be able to access the SPELL Staking page. This Page is divided into three frames.



### STAKE/UNSTAKE Frame:

Users will be able to choose to either **STAKE** or **UNSTAKE** as shown above. When a user clicks on these two buttons they will be met with a popup window that will either allow them to add SPELL tokens to their position or withdraw SPELL tokens from their position. To switch between these two frames simply click on the two arrows in the middle.

Please note that all the sSPELL tokens are subject to a 24 Hours lock-up period. In other words, every time a user deposits SPELL tokens, he will not be able to unstake them for the following 24 Hours.


### Ratio Frame:

In the top right corner of the screen, users will be able to see the sSPELL - SPELL ratio. **As more and more fees get added, 1 sSPELL token will be worth more and more SPELL.**

***Bear in mind that this is how rewards for staking SPELL are distributed: the increasing of the value of sSPELL tokens in terms of SPELL tokens!***

### Staking Parameters Frame:

Here users will be able to check how many SPELL or sSPELL tokens are available in their wallet, as well as the dollar value of those tokens. Underneath it, users will be able to find the **Approximate Staking APR** given which is computed by Last month's annualized revenue of the protocol.

 Do not send tokens directly to the contract, they will be lost.

For more information on the **SPELL** and **sSPELL** tokens visit [Tokenomics](#).

# mSPELL

mSPELL staking allows users to stake their SPELL tokens and earn stablecoin MIM income coming from the protocol revenue! mSPELL staking has been implemented after the passing of AIP#8 which can be found [here](#)!

## How does it work

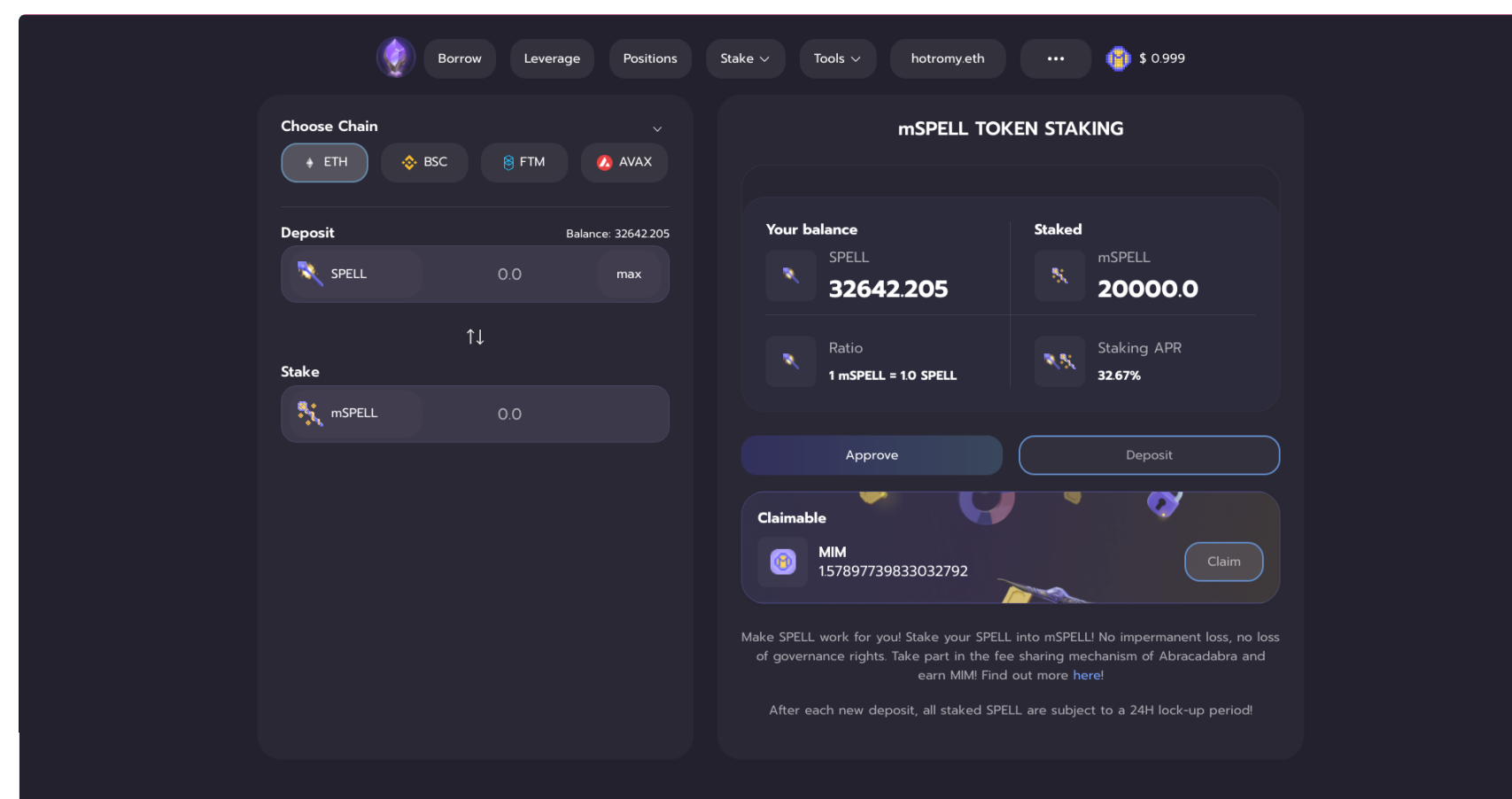
1. Users are able to choose which staking method they like the most.
2. For mSPELL, the fees coming from the lending markets stay in MIM, and are shared across the different staking pools proportionally. *In other words, MIMs will be distributed proportionally to the amount of SPELL staked in the pool (same process that is happening with the sSPELL pool).*
3. mSPELL stakers will be able to claim their MIM anytime they want using the claim button.

**mSPELL staking is available on Avalanche, Arbitrum, Ethereum and Fantom Opera!**

## How to use mSPELL

Head over to the staking page [here](#).

Users will be able to choose to either **STAKE** or **UNSTAKE** as shown below. To switch between these two frames simply click on the two arrows in the middle.



**Please note that all the mSPELL tokens are subject to a 24 Hours lock-up period. In other words, every time a user deposits SPELL tokens, he will not be able to unstake them for the following 24 Hours.**


**Similarly, every time a user deposits SPELL, he wont be able to claim for 24 hours**

## Claiming MIM

To claim the pending MIM rewards, simply click on the **CLAIM** button in the bottom right part of the screen, confirm the transaction in your wallet and wait until it is confirmed by the network! After this has happened you will have correctly harvested your pending MIM rewards!

## Analytics

In the right side of the screen users will be able to check how many SPELL tokens are available in their wallet, how many are staked in the mSPELL staking contracts, as well as the dollar value of those tokens. Underneath it, users will be able to find the **Approximate Staking APR** given which is computed by Last month's annualised revenue of the protocol.

 Do not send tokens directly to the contract, they will be lost.

Note that mSPELL is not a token, but a staking mechanism. You can find the four staking contracts here:

- Ethereum: 0xbD2fBaf2dc95bD78Cf1cD3c5235B33D1165E6797
- Avalanche: 0xBd84472B31d947314fDFa2ea42460A2727F955Af
- Fantom: 0xa668762fb20bcd7148Db1bdb402ec06Eb6DAD569
- Arbitrum: 0x1DF188958A8674B5177f77667b8D173c3CdD9e51



# magicGLP

magicGLP: Abracadabra's Automated Compounder for GLP Token

Before using magicGLP (also known as mGLP), make sure to fully understand how GLP works [here](#).

*Note: magicGLP staking is available only on the Arbitrum and Avalanche network. Join magicGLP [here](#).*

magicGLP is Abracadabra's auto-compounder for GLP tokens, where ETH /AVAX yield produced by GLP farming is automatically auto-compounded back into magicGLP.



With magicGLP, the ETH/AVAX yield generated from GLP farming is automatically reinvested into magicGLP, which helps you maximise your returns. **Like other vault tokens, over time, the value of magicGLP will increase due to the auto-compound, causing the magicGLP:GLP ratio to rise.**

**Join the magic of passive income with MagicGLP!**

## Deposit GLP tokens into magicGLP

The following example is set on Arbitrum, the same user experience can be found on Avalanche Mainnet!

In order to join the magicGLP auto compounder, you must first have GLP tokens in your wallet. You can purchase GLP tokens with various assets [here](#).



Once in the wallet, you can deposit GLP tokens by inserting the desired amount in the upper box, on the right side of the screen. The first time you interact with the contract, you will need to approve GLP token spending before you can click on "Stake". After having approved the transaction in Metamask, you will now have magicGLP tokens in your wallet and rewards will begin compounding!

## Withdraw magicGLP tokens into GLP



In order to "Unstake", please click on the two arrows on the left side of the screen (see above).

Once done, you can input how many magicGLP tokens are to be unstaked. The first time you interact with the contract, you will need to approve magicGLP token spending before you can click on "Unstake". After approving the transaction in Metamask, you will now have GLP tokens in your wallet, and will resume earning base GLP rewards!

Note: The exchange rate between GLP and magicGLP changes twice per day, each time a harvest is called and rewards are compounded!

## magicGLP Dashboard:

The dashboard contains a graph of magicGLP's historical performance (APY) across various time frames. The y-axis represents the APY and the x-axis represents the date.

In the top right corner of the screen, users will be able to see the magicGLP APY, which factors in auto compounding. This calculation assumes two harvests per day, and includes the 1% management fee taken by the protocol.

In the middle right section of the screen users will be able to see the magicGLP:GLP exchange rate. As more and more fees get added, 1 magicGLP token will be worth more than 1 GLP.

Lastly, users will be able to check how many GLP or magicGLP tokens are available in their wallet, as well as the dollar value of those tokens. Below that, users will be able to find the total supply of magicGLP as well as the total rewards earned by magicGLP!

## APY Computation

The APY displayed by magicGLP is computed using GLP's APR (taken from GMX backend) and computed using the following formula, using two compounding actions per day:

$$MagicGLPAPY = (1 + GLPAPR/N)^N - 1) * 0.99$$

$N = (Days in a Year) * (Number of Compounding action per day) = 730$

# magicAPE

magicAPE: Abracadabra's Automated Compounder for staked \$APE Tokens

magicAPE is Abracadabra's auto-compounder for APE tokens, where APE yield produced by APE farming on <https://apestake.io/> is automatically auto-compounded back into magicAPE.



With magicAPE, the APE yield generated from APE staking is automatically reinvested into magicAPE, which helps you maximise your returns. Like other vault tokens, over time, the value of magicAPE will increase due to the auto-compound, causing the magicAPE:APE ratio to rise.

## Deposit APE tokens into magicAPE

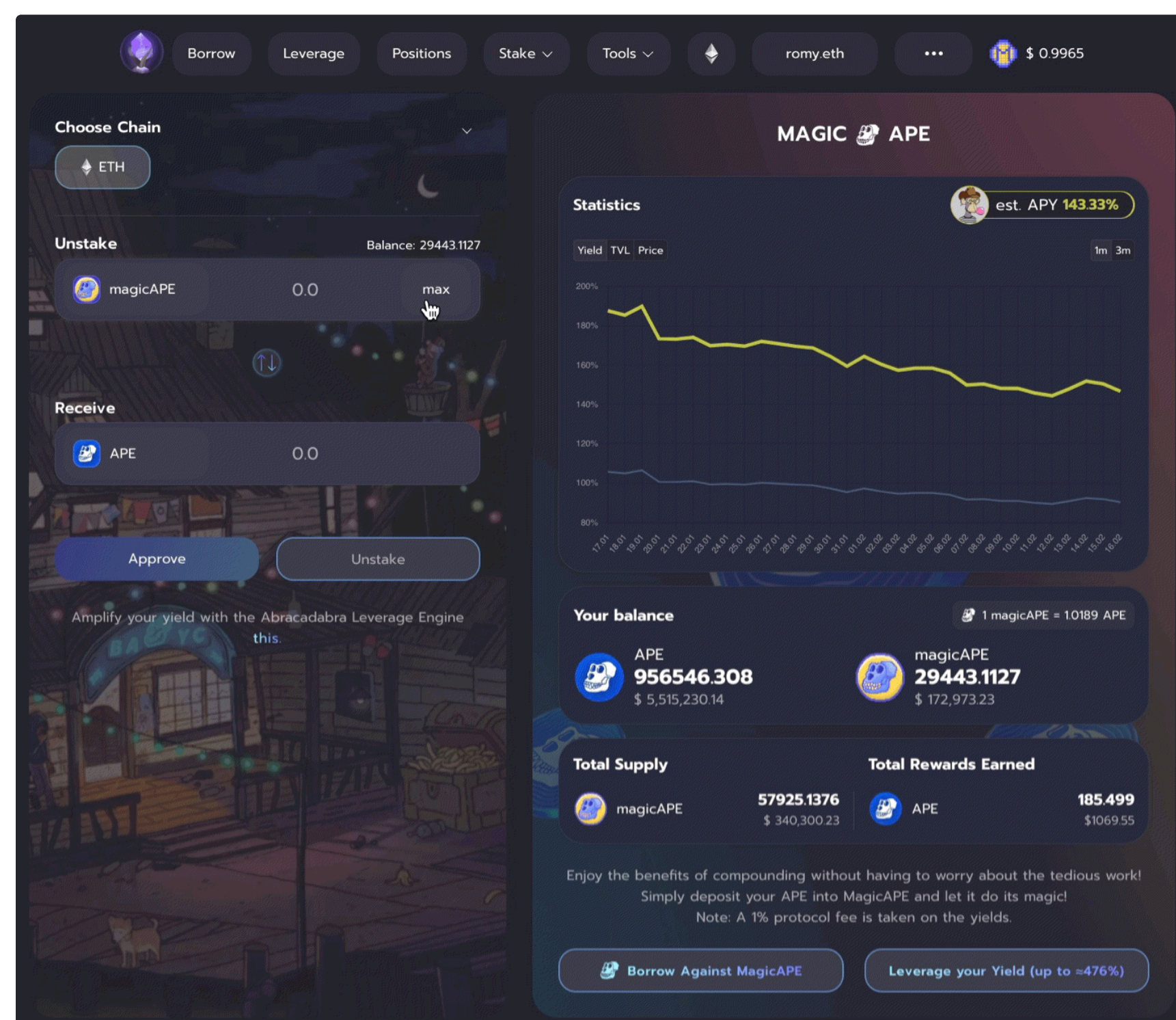
In order to join the magicAPE auto compounder, you must first have APE tokens in your wallet. You can purchase APE tokens with various assets on [macha.xyz](https://macha.xyz/) or 1inch.



Once in the wallet, you can deposit APE tokens by inserting the desired amount in the upper box, on the right side of the screen. The first time you interact with the contract, you will need to approve APE token spending before you can click on "Stake". After having approved the transaction in Metamask, you will now have magicAPE tokens in your wallet and rewards will begin compounding!

## Withdraw magicAPE tokens into APE

In order to "Unstake", please click on the two arrows on the left side of the screen.



Once done, you can input how many magicAPE tokens are to be unstaked. The first time you interact with the contract, you will need to approve magicAPE token spending before you can click on "Unstake". After approving the transaction in Metamask, you will now have APE tokens in your wallet, and will resume earning base APE rewards!

Note: The exchange rate between APE and magicAPE changes twice per day, each time a harvest is called and rewards are compounded!

## magicAPE Dashboard:

The dashboard contains a graph of magicAPE's historical performance (APY), TVL and Price across various time frames. The y-axis represents the statistics that is showed, and the x-axis represents the date.



On the Yield page, you are gonna be able to compare how much the magicAPE yield is performing compared to plain APE staked!

In the top right corner of the screen, users will be able to see the magicAPE APY, which factors in auto compounding. This calculation assumes two harvests per day, and includes the 1% management fee taken by the protocol.

In the middle right section of the screen users will be able to see the magicAPE:APE exchange rate. As more and more fees get added, 1 magicAPE token will be worth more than 1 APE.

Lastly, users will be able to check how many APE or magicAPE tokens are available in their wallet, as well as the dollar value of those tokens. Below that, users will be able to find the total supply of magicAPE as well as the total rewards earned by magicAPE!

## APY Computation

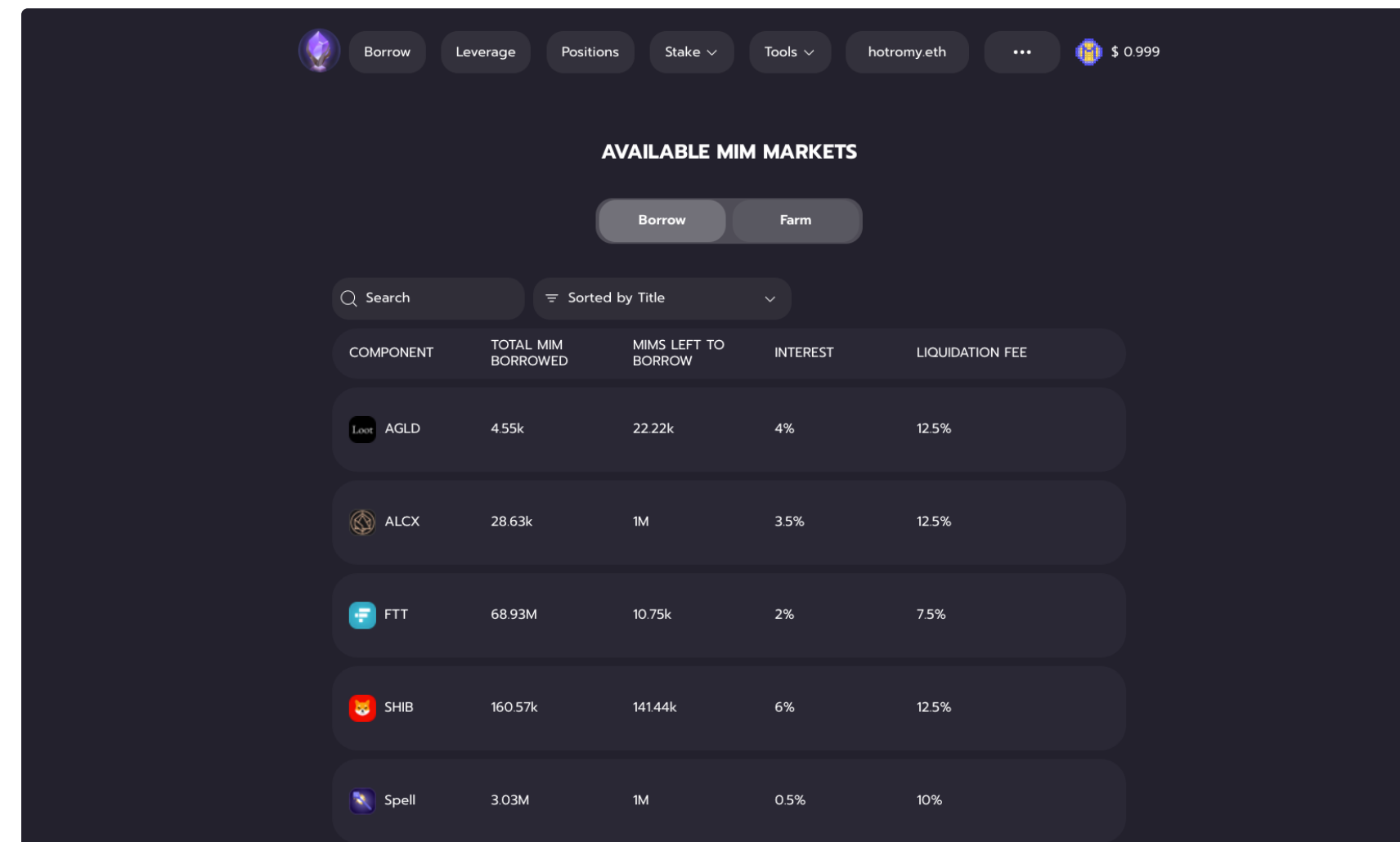
The APY displayed by magicAPE is computed using APE's APR (taken from [apestake.io](https://apestake.io/) backend) and computed using the following formula, using two compounding actions per day:

$$MagicAPEAPY = (1 + APEAPR/N)^N - 1) * 0.99$$

N= (Days in a Year) \* (Number of Compounding action per day) = 730

# Markets

The markets section of the website displays a variety of ibTKNS that can be used as collateral. Here are some examples:



COMPONENT	TOTAL MIM BORROWED	MIMS LEFT TO BORROW	INTEREST	LIQUIDATION FEE
AGLD	4.55k	22.22k	4%	12.5%
ALCX	28.63k	1M	3.5%	12.5%
FTT	68.93M	10.75k	2%	7.5%
SHIB	160.57k	141.44k	6%	12.5%
Spell	3.03M	1M	0.5%	10%

## Borrow

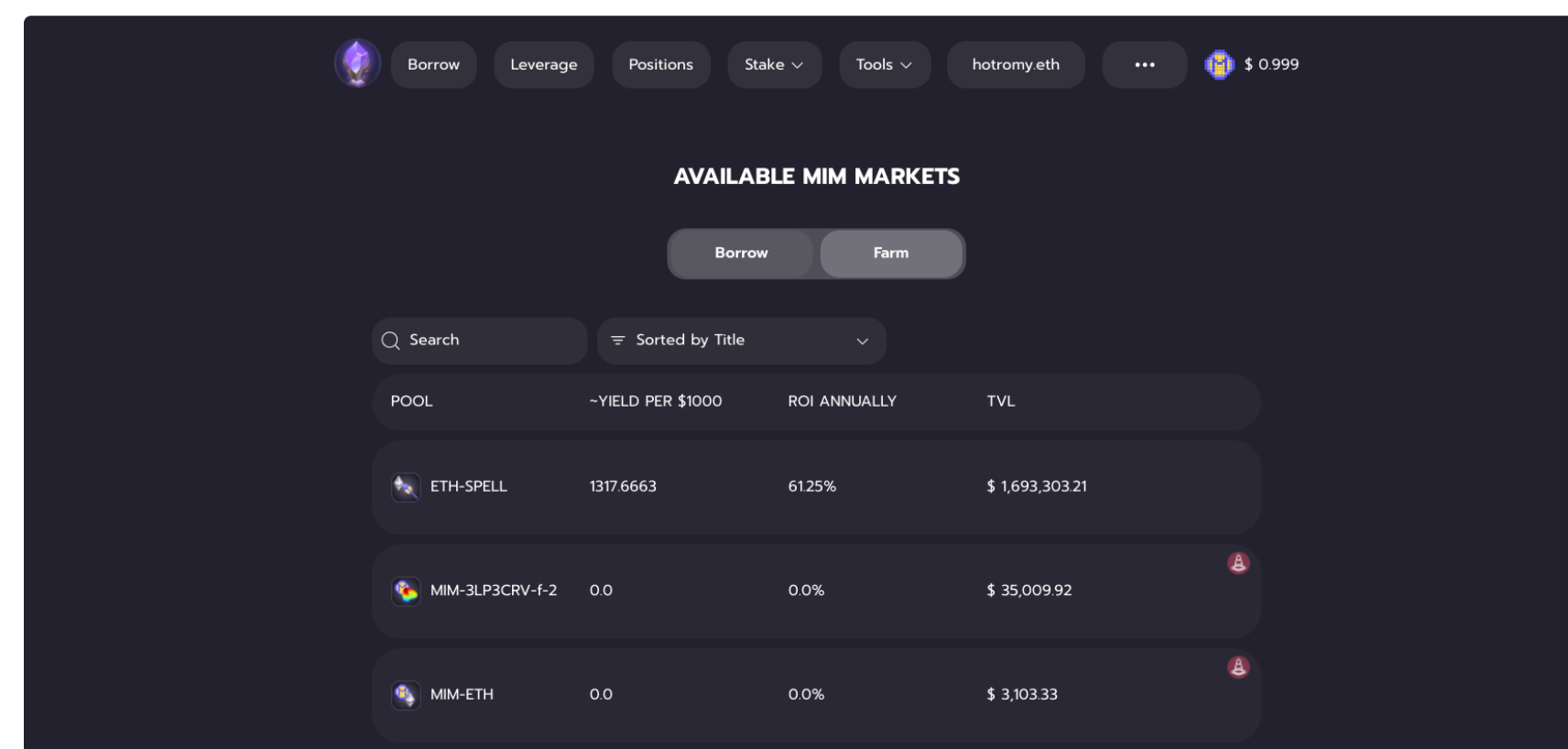
Across the top, you will see:

- **COMPONENT** -These are the components you can use as collateral to borrow MIMs.
- **Total MIM Borrowed** -This shows the total amount of MIM borrowed using that market.
- **LEFT TO BORROW** -This shows how many MIMs are still available to be borrowed using that component. *Once this number goes to 0, no leverage position or new loans can be opened. In order to borrow more MIM users need to wait for the replenishing of that particular market!*
- **INTEREST** -This is the annualized percentage of which your debt will grow each year.
- **LIQUIDATION FEE** -This is the discount a liquidator will get when liquidating a position that has been flagged for liquidation.

To borrow some MIMs, simply click anywhere in the frame of the component you want to use as collateral.

## Farm

Here you will see all the farming opportunities that can be found on Abracadabra. [Abracadabra](#) offers different farming opportunities where users can stake their LP tokens to farm SPELL tokens. This mechanism is used to keep deep liquidity on particular pairs. Farming is currently available on Ethereum for ETH-SPELL and MIM-3CRV LP tokens. Future incentivization programs for LP pairs can be voted on through the governance process when the governance portal goes live.



POOL	~YIELD PER \$1000	ROI ANNUALLY	TVL
ETH-SPELL	1317.6663	61.25%	\$ 1,693,303.21
MIM-3LP3CRV-F-2	0.0	0.0%	\$ 35,009.92
MIM-ETH	0.0	0.0%	\$ 3,103.33

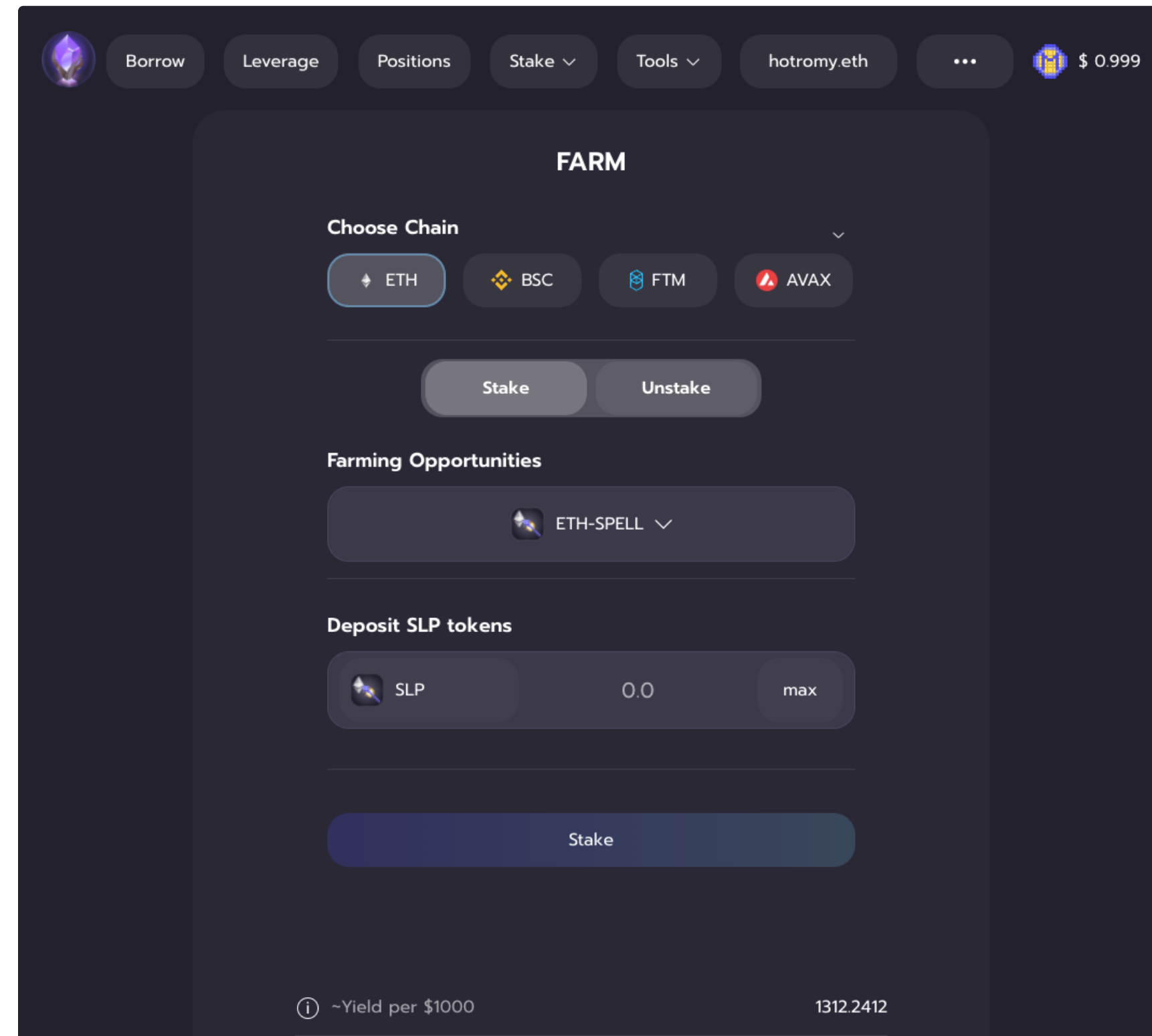
# Farms

## Using LP tokens to Farm on Abracadabra

The **FARM** page of the website allows its user to add liquidity pool tokens and farm SPELL.

We can use **ETH-SPELL** LP tokens as an example, but the process will be the same for every asset.

We will need to select in the drop down menu the **ETH-SPELL** POOL.

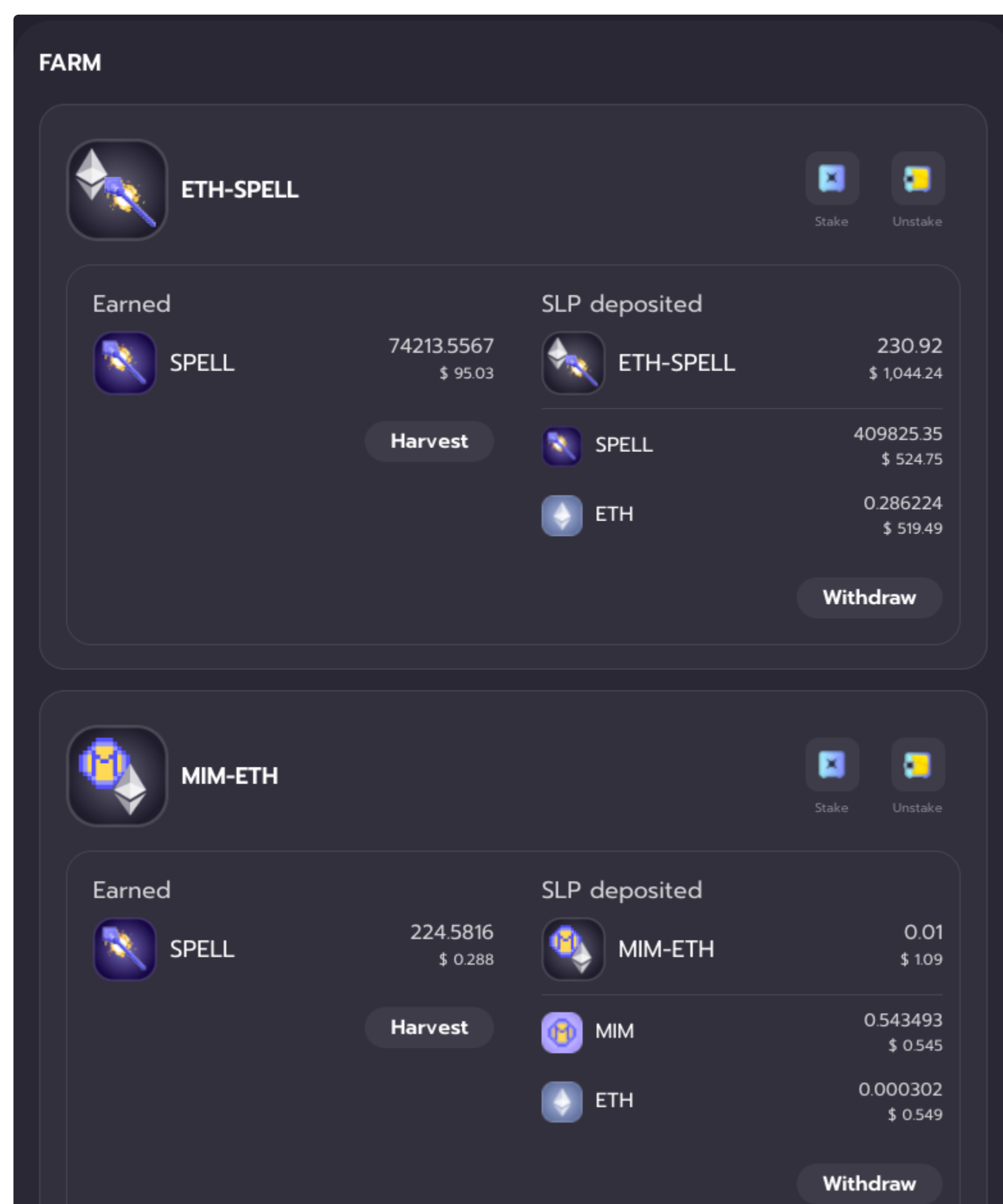


First, we need to **APPROVE** the spending of our **ETH-SPELL** LP tokens.

After this is complete, we simply press **STAKE** to deposit our **ETH-SPELL** LP tokens into the farm to start earning SPELL.

We can confirm that our deposit is successful by going in the Position page and scroll towards the end. We can also see the **SPELL** tokens that we earn in the **EARNED** thereas time progresses and we continue to cast this ritual spell.

We can now also the **HARVEST** and **WITHDRAW** buttons, to respectively harvest only the rewards or withdraw both staked tokens and rewards.



# Bridge/Multichain Functionality

Use Abracadabra Magic on different chains!

## Bridge MIM

Bridge MIM Tokens directly on [Abracadabra](#) Interface thanks to [Multichain \(Previousle Anyswap Network\)](#)!

The screenshot shows a dark-themed interface titled "NETWORK TO BRIDGE". It features two dropdown menus for "Origin Chain" (set to ETH) and "Destination Chain" (set to FTM). Below these is a "Token to bridge" section with a MIM token icon, a numeric input field set to "0.0", and a "max" button. A "Balance: 133.2709" is displayed. An "Expected MIM" field also shows "0.0". A section for "Estimated Time of Crosschain Arrival" indicates "10-30 min" for amounts up to 5,000,000 MIM, and "up to 12 hours" for larger amounts. A prominent "Bridge" button is centered. At the bottom, a table lists bridge parameters: Maximum Bridgeable Amount (20,000,000 MIM), Minimum Bridgeable Amount (12 MIM), and Minimum Bridging Fee (0.9 MIM). The interface is powered by Multichain.

Select the chain you want your MIM bridged from on the **left**, and your arrival chain on the **right**.

Input the amount of MIM desired and hit the "**BRIDGE**" button!

*Bear in mind that all the bridge transactions are managed by the Anyswap Network. Delays on large sums may happen, but transactions always go through! Thanks for your patience!*

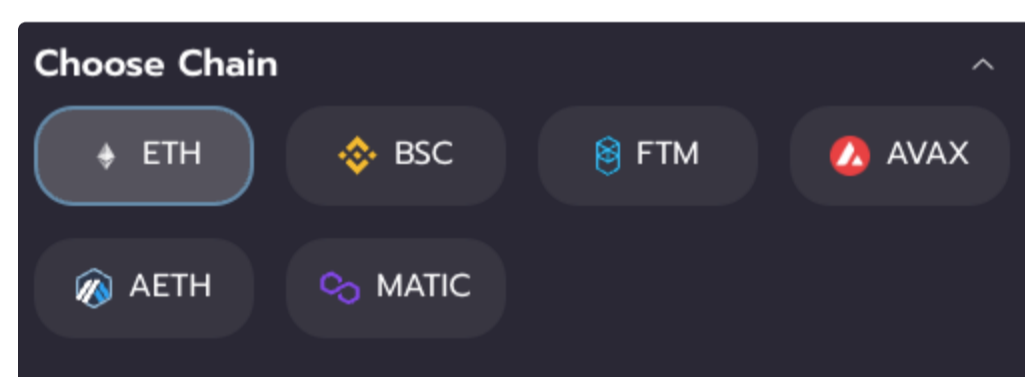
## BRIDGE PARAMETERS

Each one of these parameters is network-specific, and will vary depending on the arrival chain!

- **Maximum Bridgeable Amount** - Maximum amount that can be sent in one single transaction.
- **Minimum Bridgeable Amount** - Minimum Amount required to bridge tokens.
- **Bridging Fee** - Fee required to bridge your tokens.
- **Minimum Bridging Fee** - Minimum Fee required to bridge tokens.

## Change Network

Most pages on Abracadabra allows user to change the network they are on, and automatically update the UI.



## Supported Networks

Currently, **Abracadabra** lending markets are only available on Ethereum Mainnet, Fantom Opera, Binance Smart Chain, and Avalanche. Our Bridge also allows sending MIM to Arbitrum L2! To check what collaterals are available on each chain simply click on "**BORROW**" and check the list.

*Note that Abracadabra is coming to other chains as well (we are targeting Matic as of right now), but we'll keep this list as updated as possible!*

## MIM Addresses

On Ethereum Mainnet, the MIM contract address is: [0x99D8a9C45b2ecA8864373A26D1459e3Dff1e17F3](#)

On Binance Smart Chain, the MIM contract address is: [0xfE19F0B51438fd612f6FD59C1dbB3eA319f433Ba](#)

On the Fantom Opera Network, the MIM contract address is: [0x82f0b8b456c1a451378467398982d4834b6829c1](#)

On the Avalanche Network, the MIM contract address is: [0x130966628846BFd36ff31a822705796e8cb8C18D](#)

On Arbitrum, the MIM contract address is (bridge MIM using anyswap to arbitrum):  
[0xfea7a6a0b346362bf88a9e4a88416b77a57d6c2a](#)

On Optimism, the MIM contract address is:  
[0xB153FB3d196A8eB25522705560ac152eeEc57901](#)

*Please note that our bridging system for Arbitrum works exactly the same as the bridges for other chains: MIM tokens are locked in a Smart Contract on the ETH side, and minted on Arbitrum. When bridging back from Arbitrum, MIMs are burned on the L2 and released from the smart contract on Ethereum Mainnet!*

## SPELL Addresses

On Ethereum Mainnet, the SPELL contract address is: [0x090185f2135308BaD17527004364eBcC2D37e5F6](#)

On Fantom Opera, the SPELL contract address is:  
[0x468003b688943977e6130f4f68f23aad939a1040](#)

On Avalanche Network, the SPELL contract is:  
[0xCE1bFFBD5374Dac86a2893119683F4911a2F7814](#)

On Arbitrum, the SPELL contract is (get it using the official arbitrum bridge):  
[0x3e6648c5a70a150a88bce65f4ad4d506fe15d2af](#)

## Bridges

Bridges are smart contracts that allow users to move their tokens across different chains! Let's dive into how the bridges work for our platform and its tokens!

Our tokens are minted on **Ethereum Mainnet**, and are then bridged towards other chains. In order to bridge tokens, users are required to send them on one chain and receive a wrapped version of the same token on another chain (or L2 solution). To do so, we can use particular infrastructures called **bridges**. There are different kinds and brands of bridges, but we use mainly **Anyswap Network** to bridge both MIM and SPELL tokens, with only one exception: SPELL on Arbitrum.

**Let's now dive into this process, and use a MIM bridging ETH --> FTM as an example:**

Users send ETH MIMs to the bridge contract on ETH, which locks the tokens. Anyswap bridge mints and releases a wrapped version of the same token on FTM, sending it to the user wallet on FTM. Bear in mind that those two tokens might have different addresses! For every FTM MIM in circulation, there is one ETH MIM locked in the bridge! This allows us to easily track the circulating supply, as all the tokens on every different chain have 1 token locked on the native chain (In our case Ethereum)!

When bridging back, FTM MIMs are sent to the bridge, burned, ETH MIMs are released back on Mainnet and sent to the user wallet on ETH!

## Abritrum

On Arbitrum, we have two different bridges: Anyswap Network and Arbitrum official bridge.

If we bridge MIM using these two bridges, we will get different MIM tokens on Arbitrum, with two different addresses. The only official \$MIM tokens on Arbitrum are obtained using Anyswap! If you bridge via the Arbitrum bridge you will receive L2MIM and will have to bridge back to Ethereum to get MIM

With SPELL tokens, on the other hand, we use Arbitrum bridge. This is the only token not bridged through Anyswap!

# Liquidations

This page will give readers a better understanding of liquidations at [abracadabra.money](https://abracadabra.money)

## LIQUIDATIONS

Abracadabra's \$MIM token is a non-algorithmic, collateral-backed stablecoin. This means that every \$1 of \$MIM should have more than \$1 of collateral backing. The value of the collateral will fluctuate with changes in the market, so, like most other DeFi lending protocols, Abracadabra uses liquidations to ensure that \$MIM remains overcollateralized.

Liquidation is a process that occurs when a position's collateral value does not properly cover the position's borrowed amount. Each cauldron will have different liquidation thresholds as defined by the Maximum Collateral Ratio. Once a Collateralized Debt Position (CDP) reaches that liquidation threshold, it becomes eligible for liquidation and anyone can repay a position in exchange for a portion of the collateral.

It is important to note that Abracadabra is an isolated lending protocol, which means that each CDP is treated independently. If a user has multiple CDPs, then each will have separate liquidation eligibility parameters, separate liquidation processes, etc.

To read more about isolated lending markets and why they are different from traditional lending protocols, please refer [here](#).

### Definitions

**Collateral Ratio:** Calculated as  $\$MIM \text{ Borrowed} / \text{Value of Collateral}$ . This is a representation of the current health of the loan. A low collateral ratio means that there is more collateral backing the \$MIM borrowed.

**Maximum Collateral Ratio:** This is a parameter that is set on a per-cauldron basis. Once a CDP's collateral ratio exceeds the maximum collateral ratio, the position becomes eligible for liquidation.

**Liquidation Fee:** This is the bonus amount of collateral that a liquidator gets to keep for liquidating a CDP. This fee is compensation for risks that the liquidator may be taking (e.g., slippage, high gas fees, etc.). This fee is deducted directly from the borrower's collateral.

### Hypothetical Example

Merlin has 2000 of xToken and each xToken is currently worth \$1. The xToken cauldron has a Maximum Collateral Ratio (MCR) of 50%, which means that if Merlin deposits \$2000 of xToken collateral, he can borrow up to \$1000 of \$MIM. Merlin decides to borrow \$500 \$MIM which he uses to buy ink to write his magic spellbook.

Maximum collateral ratio	50%
Liquidation fee	5%

Zoltac the Liquidator watches Merlin's CDP and is ready to liquidate at a moment's notice.

As fate would have it, the price of xToken drops from \$1 to \$0.4995 and Merlin's 2000 xToken is now only worth \$999. Merlin's new collateral ratio is  $\$500 / \$999 = 50.1\%$ , which is just above the maximum collateral ratio of 50%. As such, Merlin's CDP becomes eligible for liquidation, and Zoltac can step in to repay the debt.

Zoltac swaps \$500 of \$USDT for \$500 of \$MIM on Curve. He then pays off Merlin's CDP in exchange for a portion of Merlin's collateral. Given that the liquidation fee is 5%, Zoltac gets to keep \$500 of xToken (1000 xToken) plus a 5% bonus (50 xToken) for keeping the \$MIM safe. Altogether, Zoltac earns 1050 xTokens, which, at a price of \$0.4995, is equivalent to \$525. After subtracting Zoltac's original investment of \$500, we see that Zoltac earned \$25 of profit.

When Merlin checks the Abracadabra UI, he will see that he no longer has 2000 xToken, but instead has 950 xToken left. Merlin gets to keep these 950 xToken and no longer needs to repay the original \$500 of \$MIM that he borrowed.

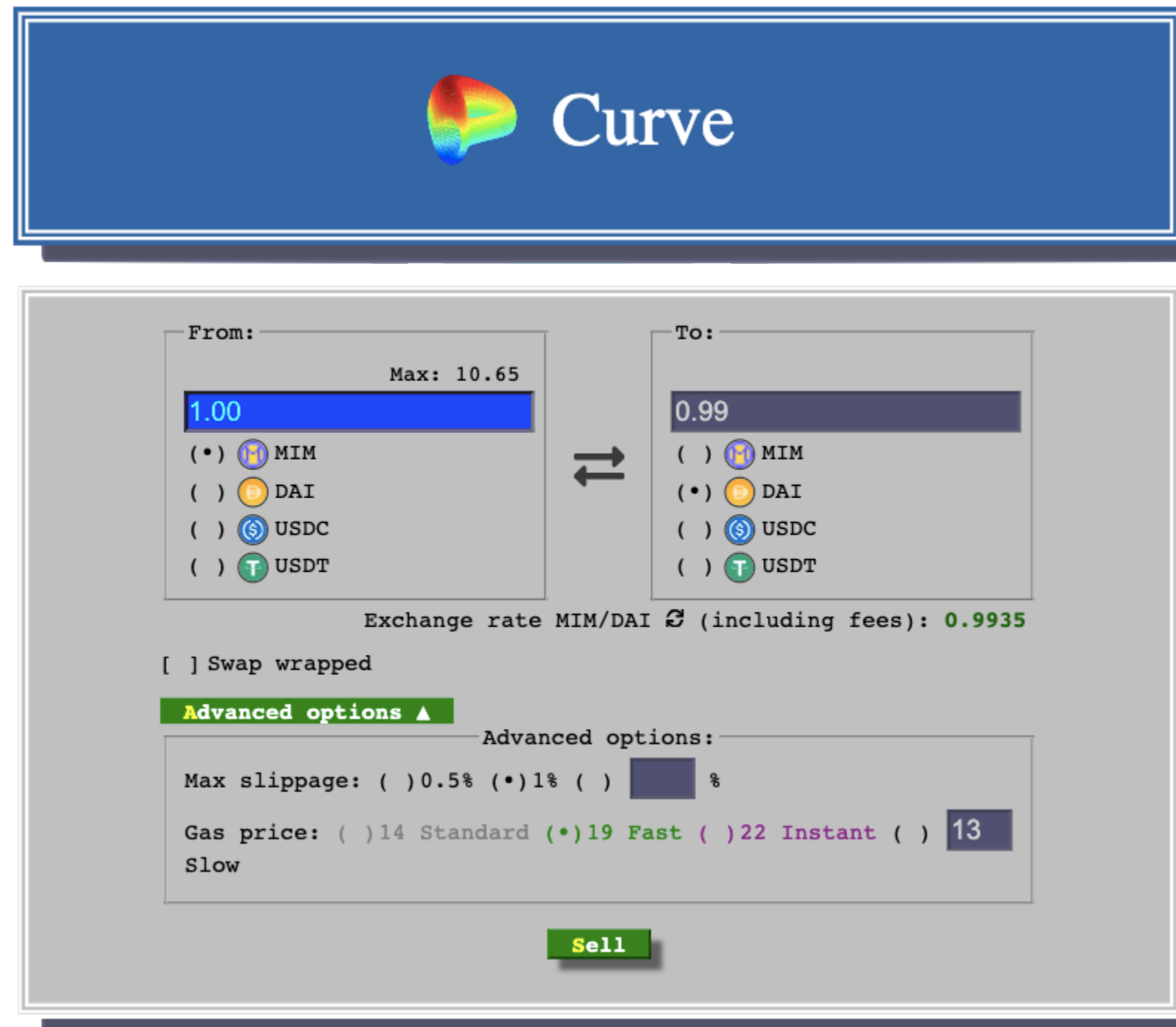
### Liquidation Fees for Staked SPELL Holders

Staked SPELL holders automatically benefit from liquidations that happen on the platform. Of the liquidation fee that Zoltan collects, 10% of this goes back to Abracadabra and is set aside for staked SPELL holders. This would mean that 10% of the \$37.50 of xToken (\$3.75) is kept by Abracadabra and distributed to stakers.

# Swap

## Swapping MIM for other stablecoins

By clicking **SWAP**, we will open the [curve.fi](https://curve.fi) website which allows users to swap their MIM stable coins for USDT, DAI, or USDC.



The screenshot displays the Curve.fi swap interface. At the top, the Curve logo is visible. Below it, the swap form is divided into two main sections: 'From' and 'To'. The 'From' section shows a value of 1.00 MIM, with a maximum value of 10.65. The 'To' section shows a value of 0.99 DAI. Below these sections, the exchange rate is displayed as 0.9935. There are also options for 'Swap wrapped', 'Advanced options' (including Max slippage and Gas price), and a 'Sell' button.

From:  Max: 10.65  
(•) MIM  
( ) DAI  
( ) USDC  
( ) USDT

To:   
( ) MIM  
(•) DAI  
( ) USDC  
( ) USDT

Exchange rate MIM/DAI (including fees): 0.9935

Swap wrapped

**Advanced options ▲**

Advanced options:  
Max slippage: ( ) 0.5% (•) 1% ( )  %  
Gas price: ( ) 14 Standard (•) 19 Fast ( ) 22 Instant ( )  Slow

**Sell**

In this example, we are swapping 1 MIM for 0.9935 DAI

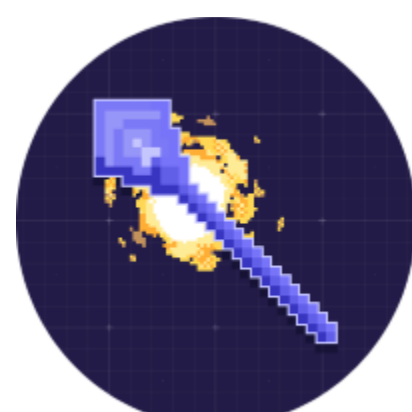
Enter the amount of MIM tokens you would like to swap, and select the stable coin you wish to swap into. Select your **Max Slippage** and **Gas Price**. Finally, click the green “**swap**” button and confirm your transaction. You have now successfully swapped MIMs for another stablecoin!

# Tokenomics

Abracadabra has 3 main tokens.

- **SPELL**: the protocol's token which is used for incentivization.
- **sSPELL**: obtained by staking SPELL tokens and used for fee-sharing and governance!
- **MIM**: a USD pegged stable coin

## The SPELL Token



**Token Symbol:** SPELL

**Token Address Ethereum:** [0x090185f2135308BaD17527004364eBc2D37e5F6](#)

**Token Address on Fantom Opera:** [0x468003b688943977e6130f4f68f23aad939a1040](#)

**Token Address on Avalanche Network:** [0xCE1bFFBD5374Dac86a2893119683F4911a2F7814](#)

**Token Address on Arbitrum:** [0x3e6648c5a70a150a88bce65f4ad4d506fe15d2af](#)

**Token Address on BSC (No Liquidity yet):** [0x9Fe28D11ce29E340B7124C493F59607cbAB9ce48](#)

**Token Address on OP:** [0xe3ab61371ecc88534c522922a026f2296116c109](#)

**Total Supply:** 210,000,000,000 SPELL (initial burn halved the supply)

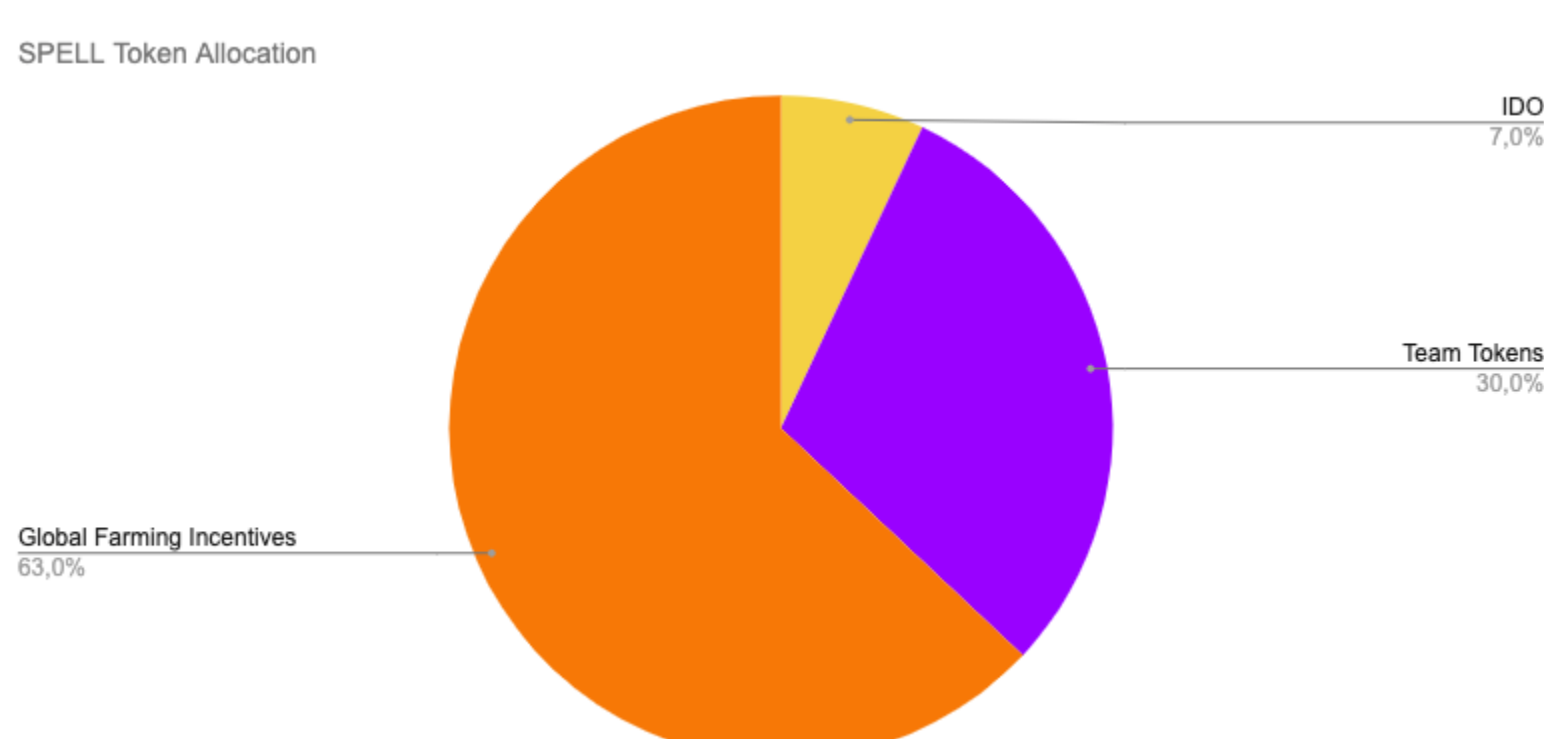
### Token Burn:

The total Supply of SPELL has been reduced from 420B SPELL to 210B SPELL by performing a unique token burn event. 210B SPELL was minted to the SPELL contract itself. The contract has no way of accessing these tokens which ultimately turns the Token Smart Contract into a Burn Address. This burn event has been publicly **announced** on Twitter by our main dev 0xm3rlin.

Token Burn Tx Hash: [0x01bdb6c4b2b9c8b82c9074772e95818e4680e4c8a71df5b0151e321f8048417](#)

### SPELL Token Distribution:

- 63% (132.3B SPELL): Global Farming Incentives
- 30% (63.0B SPELL): Team allocation (4 Year Vesting Schedule)
- 7% (14.7B SPELL): Initial DEX Offering



### SPELL tokens are distributed as follows:

- **63%** of the total supply will be used to incentivise particular LP pairs or other liquidity mining programs. Read more about the weekly allocation of SPELL incentives in the following section!  
A 10 Year halving model will be followed, which will cut in half the rewards distributed every year.
- **7%** of the total supply has been distributed via an IDO, half on Uniswap v3 and half on Sushiswap.
- **30%** of the total supply is allocated to the team members.

## SPELL Token Farming Emissions

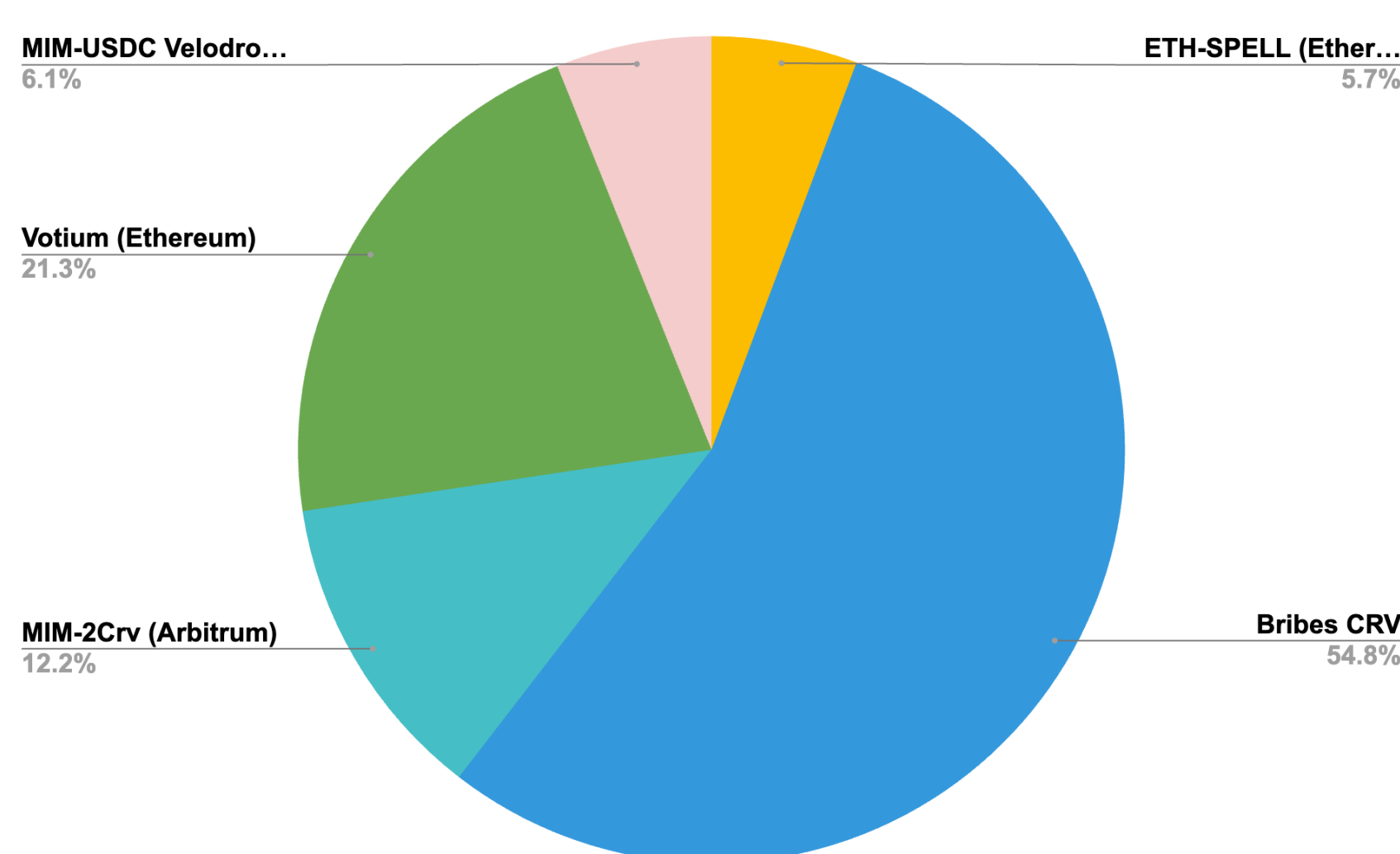
The SPELL token is used to incentivize users, in order to keep deep liquidity on our markets!

The current emissions per week are:

- ETH-SPELL SLP on Ethereum Mainnet: **4,688,305 SPELL**
- Bribes System: **45,000,000 SPELL**
- MIM + 2Crv Curve LP on Arbitrum: **10,000,000 SPELL**
- MIM-USDC Velodrome: **5,000,000 SPELL**
- Votium (Ethereum): **17,500,000 SPELL**

The new weekly benchmark is **911,501,384 SPELL tokens following the passing of this proposal here.**

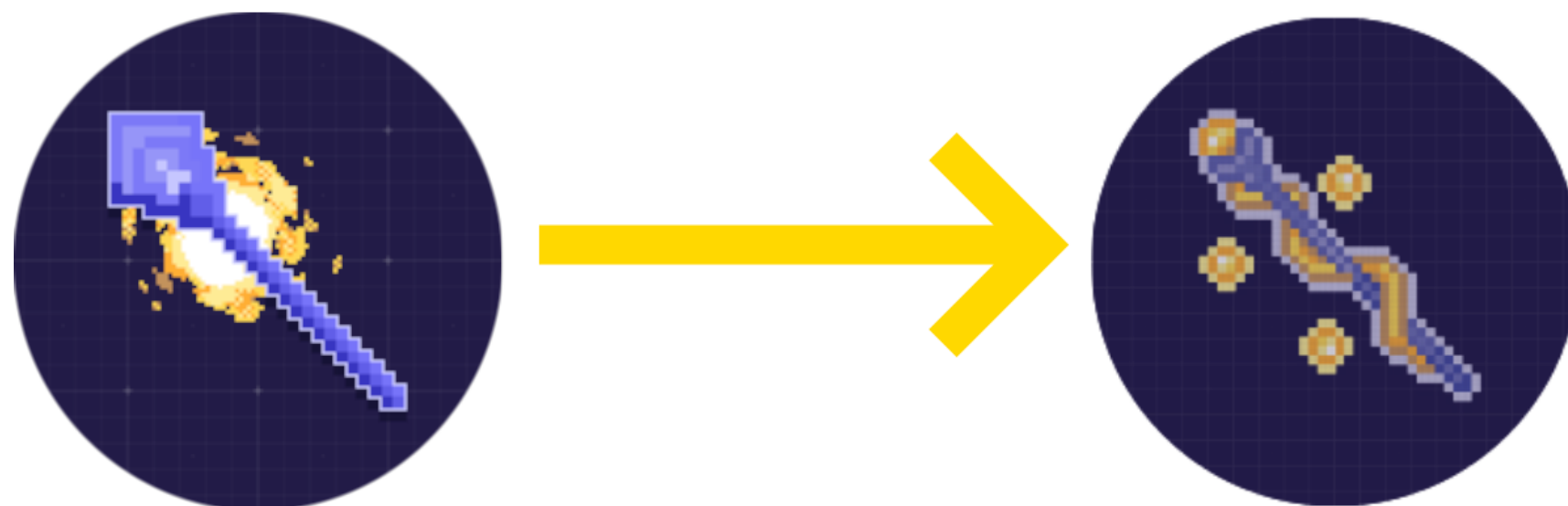
A Total of **82,188,305 SPELL** per week are currently emitted!



Please note this graph will be updated weekly!

## The sSPELL Token

You can stake and lock your SPELL to get sSPELL using the **Wizard Dashboard**! Staking SPELL has a 24 hour time lock (Every time a user stakes SPELL token, he will not be able to withdraw for the next 24 hours).



The token address for sSPELL are:

**On ETH:** [0x26fa3fffb6efe8c1e69103acb4044c26b9a106a9](#)

**On AVAX:** [0x3Ee97d5148Bef95a2f110e6B9b73824719030f7a](#)

**On FTM:** [0xbB29D2A58d880A18AA5859e30470134dEAf84F2B](#)

**On Arbitrum:** [0xF7428FFCb2581A2804998eFbB036A43255c8A8D3](#)

**All the bridging of these tokens will go through Anyswap Network!**

Firstly fees (interest, borrow fee and 10% of the liquidation fee for certain markets) are deposited in the SPELL fee pool in the form of SPELL tokens. When users single-side stake their SPELL tokens they receive sSPELL tokens. sSPELL tokens represent your share of the SPELL fee pool with a mechanism similar to the SUSHI/xSUSHI one.

10% of all liquidation fees are also hardcoded to be taken out and used to purchase SPELL tokens in certain markets. These SPELL tokens are also added to the SPELL fee pool.

Your sSPELL tokens are continuously compounding! When you unstake, you will receive all the originally deposited SPELL tokens plus any additional SPELL earned from the fees.

As for **AIP #10**, 50% of the protocol revenue will be used to buyback SPELL tokens or distributed through mSPELL staking contracts, while 50% will be used to build up a treasury.

sSPELL will also allow wizards to take part in governance as soon as the governance portal will be live.

## The MIM Token

The Magic Internet Money token is a USD pegged stable coin that is backed by interest bearing tokens!



Abracadabra always considers this token to be worth 1USD. MIM is a multichain token, find the MIM address on the other chains here:

Use **Anyswap** to bridge MIM across different networks!

On Ethereum Mainnet, the MIM contract address is: [0x99D8a9C45b2ecA8864373A26D1459e3Dff1e17F3](#)

On Binance Smart Chain, the MIM contract address is: [0xFE19F0B51438fd612f6FD59C1dbB3eA319f433Ba](#)

On the Fantom Opera Network, the MIM contract address is: [0x82f0b8b456c1a451378467398982d4834b6829c1](#)

On the Avalanche Network, the MIM contract address is: [0x130966628846BFd36ff31a822705796e8cb8C18D](#)

On Arbitrum, the MIM contract address is (bridge MIM using anyswap to arbitrum):

[0xfea7a6a0b34632bf88a9e4a88416b77a57d6c2a](#)

On Optimism, the MIM contract address is: [0xB153FB3d196A8eB25522705560ac152eeEc57901](#)

### The MIM Price Peg

Since MIM is a USD pegged stable coin, it needs to remain pegged to the USD. The mechanics used rely on arbitrage, keeping it simple. This can happen in several ways.

- Users that hold debt, in MIM, might notice that MIM is trading on some market **below 1 USD** and decide to buy some MIM at this discount to repay some of their debt. This purchase of MIM will have a price rising effect relative to their volume.
- Users that hold components (valid collateral), might notice that MIM is trading on some market **above 1 USD** and decide to open a position and sell the MIM borrowed to put to use elsewhere. This transaction will have a price lowering effect relative to their volume.
- Users that hold other cryptocurrencies, (stablecoins or not) might see MIM trading differently on two of the above mentioned markets and decide to buy MIM on one market where the price is below 1USD and sell on another where the price is either at 1USD or above. This can also happen in reverse.

In most cases, a lot of the Market to Market arbitrage is done by automated bots that constantly monitor pools for opportunities to capitalize on these price differences. This has the benefit of having price pegs being corrected quite rapidly.

MIM tokens are minted by a **Multisign**, deposited in the Kashi Markets smart contracts, and then injected into circulation only after the user deposits the collaterals!

The 5/10 multisign is composed of:

- **Poolpi** (Yearn Finance)
- **Leo Cheng** (Iron Bank)
- **Michael** (Curve Finance)
- **Squirlrel** (Arrakis Finance)
- **Danieleesta** (Popsicle Finance, Abracadabra Money)
- **OxMerlin** (Abracadabra Money)
- **Julien** (Stakedao)
- **Georgiyko** (Popsicle Finance, Abracadabra Money)
- **Sarang** (Sushiswap)
- **Romy** (Abracadabra Money and Popsicle Finance)

You can find this multisign on 5 different chains:

- AVAX: [0xae64A325027C3C14Cf6abC7818aA3B9c07F5C799](#)
- OP: [0x4217AA01360846A849d2A89809d450D10248B513](#)
- Arbitrum: [0xf46BB6dDA9709C49EFB918201D97f6474EAc5Aea](#)
- FTM: [0xb4ad8B57Bd6963912c80FCbb6Baea99988543c1c](#)
- BSC: [0x9d9bC38bF4A128530EA45A7d27D0Ccb9C2EbFaf6](#)
- ETH: [0x5f0De98360d8200b20812e174d139A1a633EDd2](#)



# Bug Bounties

## Immunefi Bounty Program

We partnered with [Immunefi](#), a leader in the industry for white hats compensations and bug discoveries, to host on their website a bug bounty program [here](#).

A user who has found a vulnerability or bug in our code, and wants to get rewarded for that, can submit a report directly through Immunefi's website and will be compensated accordingly to the Threat Level and Importance of the discovery.

You can find all the details about our program (rules of participation, payout amounts per threat level, etc etc) directly on Immunefi's Abracadabra dedicated page at the [following link](#).

*Bear in mind that only users who follows the rules of participation will be allowed to take part in the bug bounty program and therefore be compensated!*

# Governance

Abracadabra's governance ecosystem!

Since day one, abracadabra strives towards decentralization! Find here all the details regarding the governance system of our platform! For a general overview, please refer to this forum post [here](#).

If you have any suggestions, please reach out to our team members on Discord!


## Snapshot page

The governance of [abracadabra.money](#) happens through a snapshot page that can be found [here](#).

Once a proposal is passed, the team will implement it executing SPELL holders vote!

Voting power is given by holding **sSPELL tokens** (either in your wallet, as collateral in our sSPELL lending market or in any other contracts recognised by Abracadabra) or **SPELL/ETH** Sushiswap LP tokens(deposited in our farm)!

## Discord and Forum

Feel free to use our [discord](#) channel |  | [->-governance-discussion](#) to dive into the proposal and discuss with the fellows' community members!

If you want a more in depth discussion, or explore the single proposals, we highly recommend joining our Forum [here](#).

# Our Contracts

## Our Cauldrons Contracts

Each Lending Market has a dedicated smart contract. These smart contracts are called **cauldrons** and allow users to open loans, borrow MIMs, leverage and repay. A difference checker between Kashi and our Cauldrons contracts can be find [here](#).

Cauldrons are built either on top of [BentoBox](#) or on Degenbox. You can find Certora's audits for Bentobox [here](#).

**You can find all the cauldrons of each chain in the list below!**

### Ethereum Mainnet Markets:

Active Markets:

yvDAI: [0x7ce7d9ed62b9a6c5ace1c6ec9aeb115fa3064757](#)  
ALCX: [0x7b7473a76D6ae86CE19f7352A1E89F6C9dc39020](#)  
yvCVXETH: [0xf179fe36a36B32a4644587B8cdee7A23af98ed37](#)  
FTM: [0x05500e2Ee779329698DF35760bEdcAAC046e7C27](#)  
wsOHM: [0x003d5A75d284824Af736df51933be522DE9Eed0f](#)  
xSUSHI: [0x98a84E9F6e008c5ed0289655CcdCa899bcb6B99F](#)  
yvcvIB: [0xEBfDe87310dc22404d918058FAa4D56DC4E93f0A](#)  
yvstETH: [0x0BCa8ebcB26502b013493Bf8fE53aA2B1ED401C1](#)  
yvWETH v2: [0x920D9BD936Da4eAFb5E25c6bDC9f6CB528953F9f](#)  
cvxtrixcrypto2: [0x4EAeD76C3A388f4a841E9c765560BBE7B3E4B3A0](#)  
SHIB: [0x252dCf1B621Cc53bc22C256255d2bE5C8c32EaE4](#)  
cvxrenCrv: [0x35a0Dd182E4bCa59d5931eae13D0A2332fA30321](#)  
ALGD: [0xc1879bf24917ebE531FbAA20b0D05Da027B592ce](#)  
FTT: [0x9617b633EF905860D919b88E1d9d9a6191795341](#)  
SPELL (DegenBox): [0xCfc571f3203756319c231d3Bc643Cee807E74636](#)  
sSPELL (New): [0x3410297D89dCDAf4072B805EFc1ef701Bb3dd9BF](#)  
cvx3pool (non deprecated): [0x257101F20cB7243E2c7129773eD5dBBcef8B34E0](#)  
WETH: [0x390Db10e65b5ab920C19149C919D970ad9d18A41](#)  
WBTC: [0x5ec47EE69BEde0b6C2A2fC0D9d094dF16C192498](#)  
Stargate USD C: [0xd31E19A0574dBf09310c3B06f3416661B4Dc7324](#)  
Stargate USD T: [0xc6B2b3fE7c3D7a6f823D9106E22e66660709001e](#)  
yvSTETH v2: [0x53375adD9D2dFE19398eD65BAaEFfe622760A9A6](#)  
LUSD: [0x8227965A7f42956549aFaEc319F4E444aa438Df5](#)  
CRV: [0x207763511da879a900973A5E092382117C3c1588](#)  
WBTC (migrated from ren): [0x85f60D3ea4E86Af43c9D4E9CC9095281fC25c405](#)  
yvCrv3Crypto: [0x7259e152103756e1616A77Ae982353c3751A6a90](#)  
magicAPE: [0x692887E8877C6Dd31593cda44c382DB5b289B684](#)

Deprecated Markets:

UST V2 (Degenbox): [0x59e9082e068ddb27fc5ef1690f9a9f22b32e573f](#)  
yvUSDC v2: [0x6cbAFEE1FaB76cA5B5e144c43B3B50d42b7C8c8f](#)  
yvUSDT v2: [0x551a7CF4de931F32893c928bBc3D25bF1Fc5147](#)  
yvWETH: [0x6FF9061bB8f97d948942cEF376d98b51fA38B91f](#)  
xSUSHI: [0xbb02A884621FB8F5BFd263A67F58B65df5b090f3](#)  
sSPELL: [0xC319EEa1e792577C319723b5e60a15dA3857E7da](#)  
yvYFI: [0xFFbF4892822e0d552CFF317F65e1eE7b5D3d9aE6](#)  
cvx3pool (old): [0x806e16ec797c69afa8590A55723CE4CC1b54050E](#)  
cvx3pool (new): [0x6371EfE5CD6e3d2d7C477935b7669401143b7985](#)  
UST (Degenbox): [0xbc36fde44a7fd8f545d459452ef9539d7a14dd63](#)

### Fantom Opera Markets:

FTM/MIM Spirit: [0x7208d9F9398D7b02C5C22c334c2a7A3A98c0A45d](#)  
FTM/MIM Spooky: [0x4fdFa59bf8dda3F4d5b38F260EAb8BFaC6d7bC1](#)  
wFTM (3.5% interest): [0x8E45Af6743422e488aFACdad842cE75A09eaEd34](#)  
wFTM (1.8% interest): [0xd4357d43545F793101b592bACaB89943DC89d11b](#)  
yvWFTM: [0xed745b045f9495B8bfC7b58eeA8E0d0597884e12](#)  
xBOO: [0xa3Fc1B4b7f06c2391f7AD7D4795C1cD28A59917e](#)

### AVAX Chain Markets:

AVAX: [0x3CFEd0439aB822530b1fBd19536d897EF30D2a2](#)  
wMEMO (deprecated): [0x56984F04d2d04B2F63403f0EbeDD3487716bA49d](#)  
xJOE: [0x3b63f81Ad1fc724E44330b4cf5b5B6e355AD964B](#)  
USDC/AVAX JLP: [0x95cCe62C3eCD9A33090bBf8a9eAC50b699B54210](#)  
wMEMO: [0x35fA7A723B3B39f15623Ff1Eb26D8701E7D6bB21](#)  
USDT/AVAX JLP: [0x0a1e6a80E93e62Bd0D3D3BFcF4c362C40FB1cF3D](#)  
MIM/AVAX JLP: [0x2450Bf8e625e98e14884355205af6F97E3E68d07](#)  
MIM/AVAX SLP: [0xAcc6821d0F368b02d223158F8aDA4824dA9f28E3](#)

### Arbitrum L2 Markets:

ETH: [0xC89958B03A55B5de2221aCB25B58B89A000215E6](#)  
GLP Self-Repaying: [0x5698135CA439f21a57bDdbe8b582C62f090406D5](#)  
magicGLP: [0x726413d7402fF180609d0EBc79506df8633701B1](#)

### Optimism L2 Markets:

Velodrome Volatile OP/USDC: [0x68f498C230015254AFF0E1EB6F85Da558dF2362](#)

### Binance Smart Chain

CAKE: [0xf8049467F3A9D50176f4816b20cDdd9bB8a93319](#)  
BNB: [0x692CF15F80415D83E8c0e139cAbcDA67fcc12C90](#)

## Our Degenbox Contracts

Degenbox is an authorized fork of [BentoBox](#) (as Abracadabra purchased the licence for it). Cauldrons are built on top of both BentoBox and Degenbox, which allow users to reduce transaction fees as well as allow the creation of multiple strategies for the assets held inside.

Please do not send funds directly to either BentoBox or Degenbox as they will be lost! Use the "Deposit" function instead!

Degenbox is deployed on multiple chains. You can find the different addresses in the list below.

Ethereum: [0xd96f48665a1410C0cd669A88898ecA36B9Fc2cce](#)  
Fantom Opera: [0x74A0BcA2eeEdf8883cb91E37e9ff49430f20a616](#)  
Avalanche: [0x1fC83f75499b7620d53757f0b01E2ae626aAE530](#)  
Arbitrum: [0x7c8fef8ea9b1fe46a7689bfb8149341c90431d38](#)  
Optimism: [0xa93c81f564579381116ee3e007c9fcfd2eba1723](#)

## Our magicTokens:

magicGLP (Arbitrum): [0x85667409a723684fe1e57dd1abde8d88c2f54214](#)  
magicAPE (Ethereum): [0xf35b31B941D94B249EaDED041DB1b05b7097fEb6](#)

## Treasuries

**Abracadabra** main treasury can be found on **Ethereum at the following address**.

The protocol also has operational treasury multisigs on side chains and L2 to manage operational duties, they can be found here:

- [Arbitrum](#)
- [Avalanche](#)
- [Fantom](#)

**A Zapper Bundle with all treasury addresses can be found [here](#).**

# The Olympus Pro Program

The partnership between Abracadabra and Olympus DAO!

## This Program is now concluded!

We have partnered with Olympus DAO, in order to provide the possibility to our users to buy SPELL tokens using ETH-SPELL SLP tokens!

## What is Olympus Pro?

**Olympus Pro** is one of the latest products coming from **Olympus DAO**! Olympus Pro allows users to buy discounted SPELL tokens in exchange for ETH-SPELL LP tokens, which will then be redirected to Abracadabra treasury, in order to start building up our own liquidity. This happens through a process called **bonding**.

If you want to read more about Olympus Pro, make sure to have a read at their documentation [here](#).

## How will our program work:

Our **Bonding program** with Olympus Pro has started on the 29th of September 2021. It will allow our protocol to acquire liquidity, buying it from users, using SPELL emissions! If you are not familiar with how bonding works, you can have a read at Olympus Pro Documentation [here](#).

If you want to purchase a bond and receive discounted SPELL tokens, you will need to firstly have in wallet ETH-SPELL SLP tokens, and then go to the Olympus Pro page [here](#). Here you will be able to purchase a bond using the same UI as Olympus has for its own OHM bond, if you are not familiar with it, here is a **tutorial**! After the vesting period, you will then be able to claim your SPELL rewards, following this tutorial [here](#).

We have set the emission for this product to **50m** SPELL per week!

## The Benefit to our platform:

Every time a bond is purchased, the users SLP tokens are sent to a team managed treasury. This liquidity is called **POL** (Protocol Owned Liquidity)! Having control over these SLP tokens allows us to build up liquidity, while reducing the farm incentives over time, resulting in less dilution and a more sustainable system!

As a user, this brings you many advantages! First of all, you will be able to buy SPELL at a discounted rate compared to the market price, secondly you will have no exposure to Impermanent Loss, and thirdly you can rest assured that some level of liquidity for the pair ETH-SPELL will always be available, allowing you to cheaply trade your SPELL tokens! Read More about this [here](#)!

# Useful Links

Abracadabra.money Website: <https://abracadabra.money/>

Abracadabra Twitter: [https://twitter.com/MIM\\_Spell](https://twitter.com/MIM_Spell)

0xMerlin Twitter: <https://twitter.com/0xM3rlin>

Abracadabra Mirror: <https://mirror.xyz/0x5744b051845B62D6f5B6Db095cc428bCbBBAc6F9>

Community Run Telegram Group (inactive): [https://t.me/MIM\\_Spell](https://t.me/MIM_Spell)

Announcement Telegram Channel: <https://t.me/abracadabramoney>

Official Discord Server: <https://discord.gg/wcsUNxYrFM>

GitHub: <https://github.com/Abacadabra-money>

Snapshot: <https://snapshot.org/#/abracadabrabymerlinthemagician.eth>

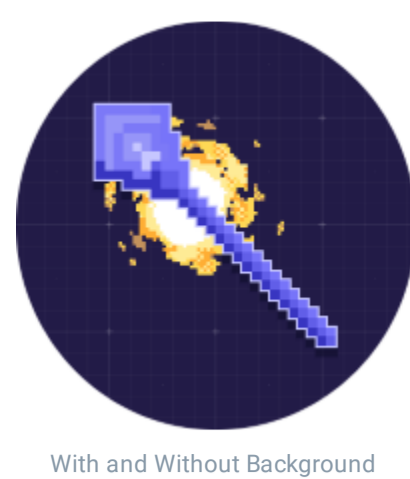
Official Forum: <https://forum.abracadabra.money/>

# Marketing Material

In order to allow our community to grow as fast as possible, we have decided to give access to our branding material to everyone. These are the only official Abracadabra Logos, feel free to use them for any press material!



## SPELL Token Logo:



With and Without Background



SPELL Background Large PNG



SPELL Background Small PNG



SPELL No Background PNG



SPELL 200 x 200

## sSPELL Token Logo:



With and Without Background



sSPELL Background PNG

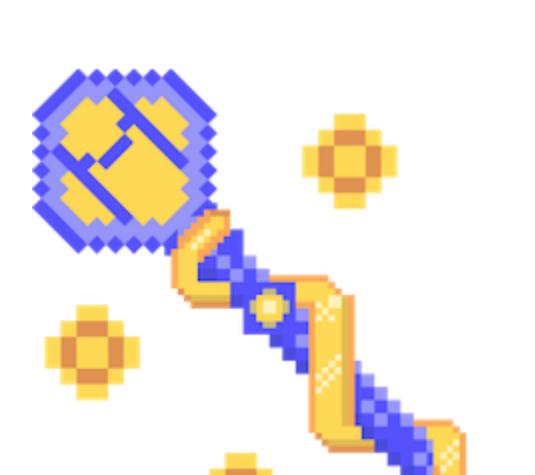


sSPELL No Background Large PNG

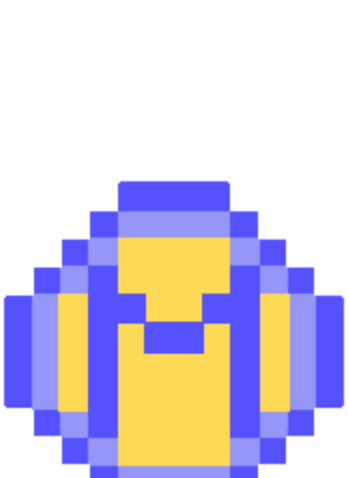


sSPELL No Background Small PNG

## mSPELL Staking Logo



## MIM Token Logo:

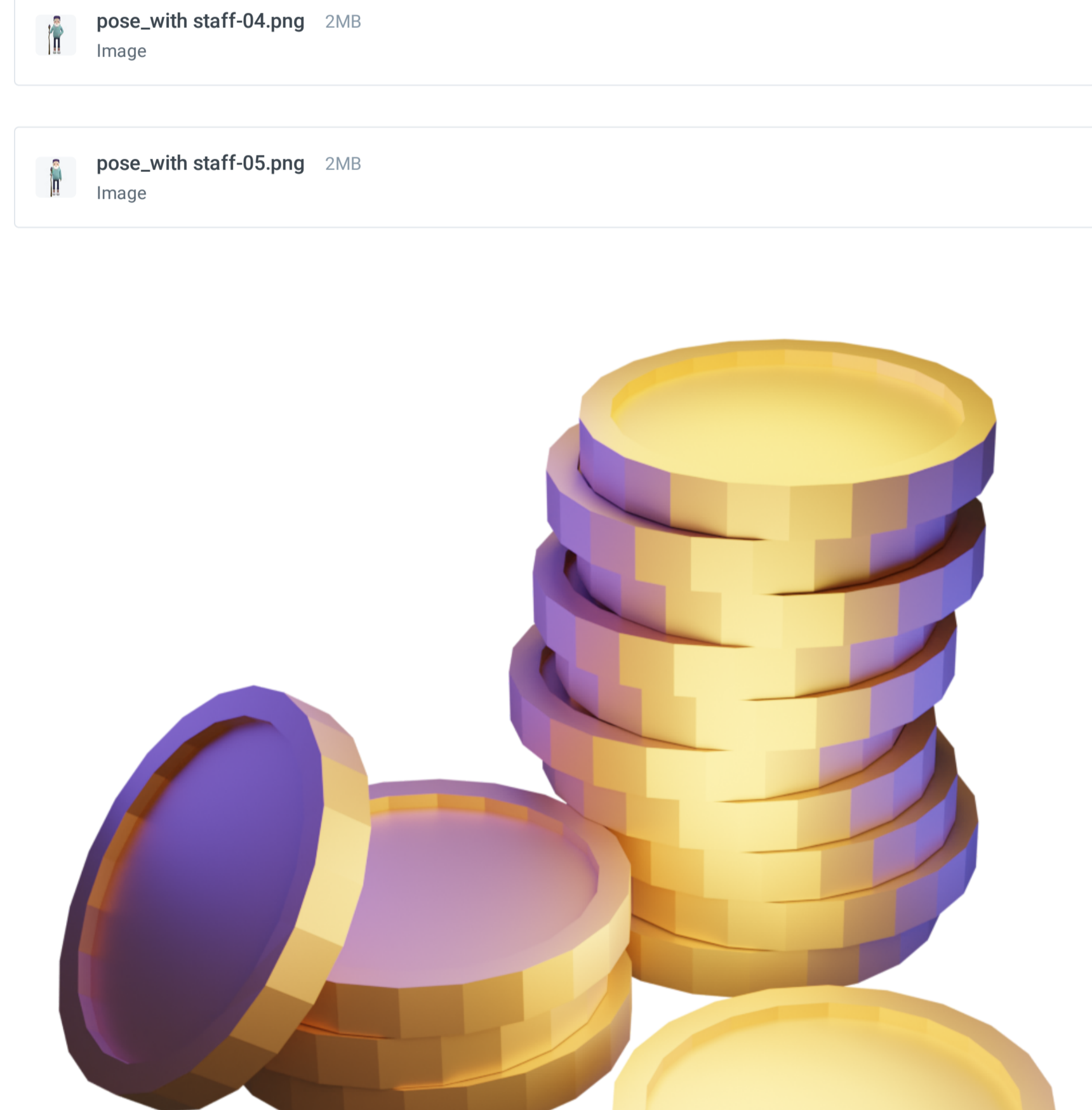


Magic Internet Money

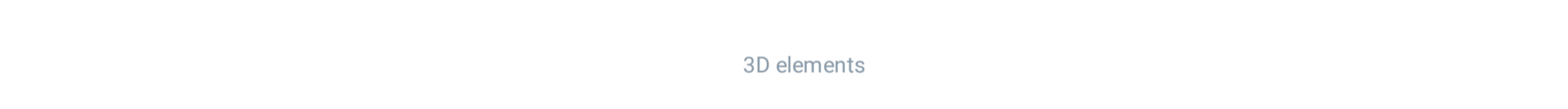


MIM Token PNG

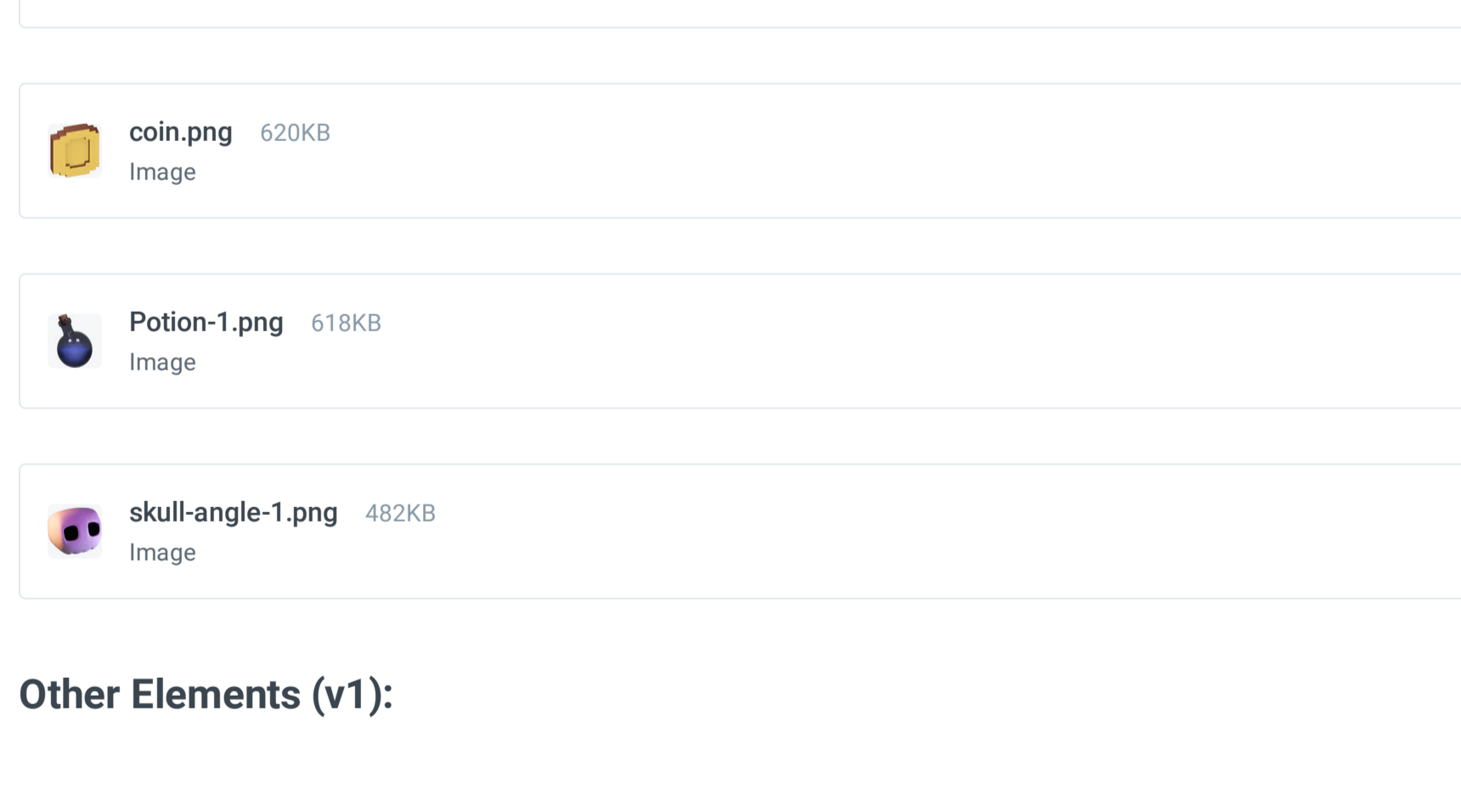
## Other Elements (v2):



3D elements



## Other Elements (v1):



Wizard's Magic Wizard



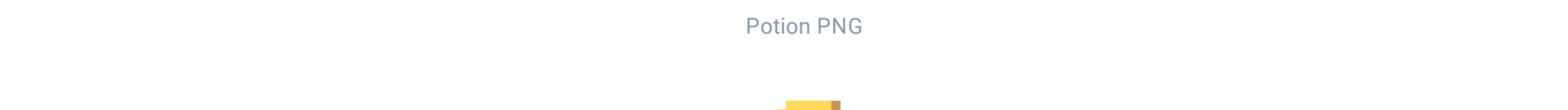
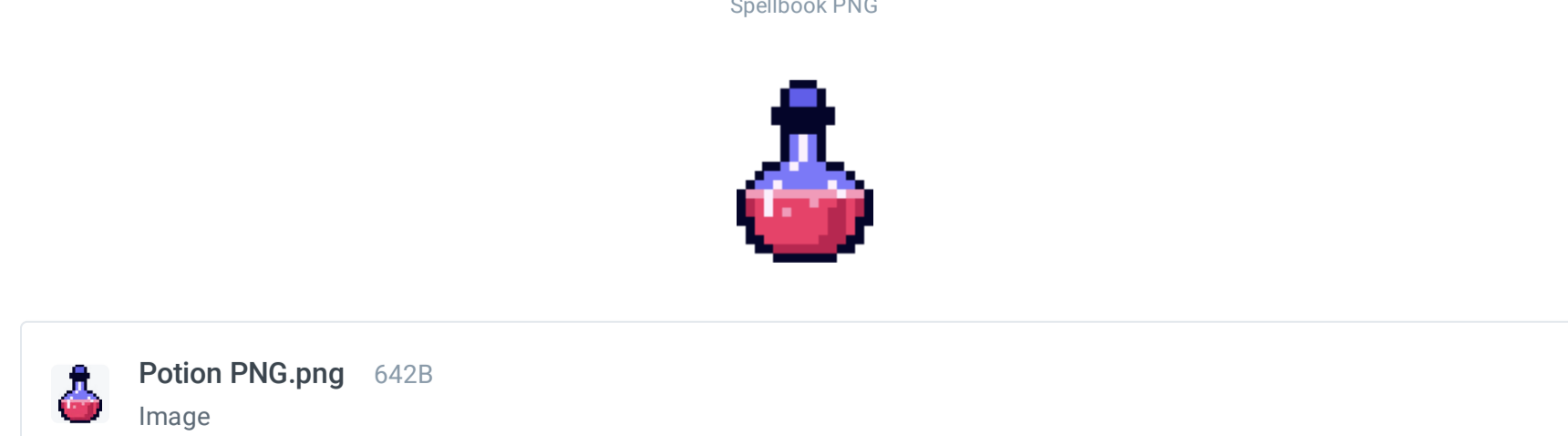
Wizard PNG



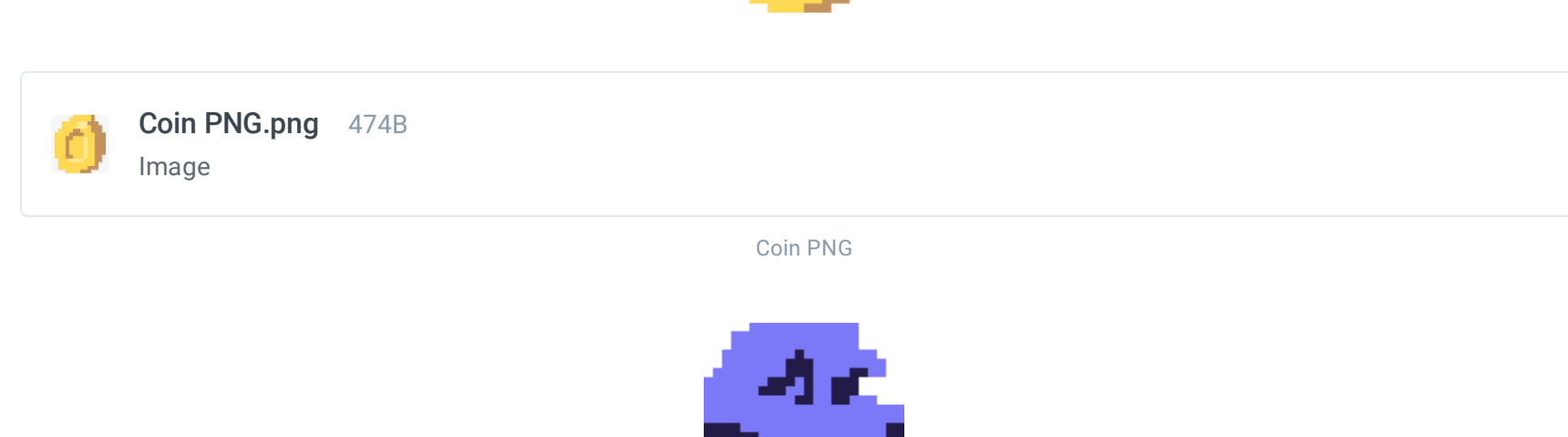
Liquidator Dragon PNG



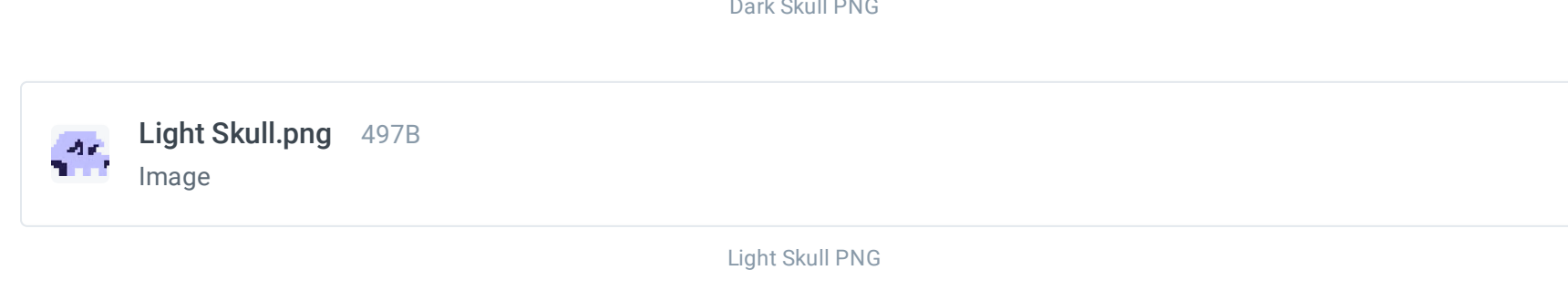
Spellbook PNG



Potion PNG



Coin PNG



Dark Skull PNG



Light Skull PNG