

YOMAMA SO FAT, HER LITEPAPER SPANS 69 VOLUMES

YOMAMA

October 13, 2020



Figure 1: This is Yomama.

1 INTRODUCTION

Yomama got so fat from eating all the food tokens, that she grew into a hybrid model between three of the hottest things in defi right now: staking, token burn and yield farming. Everything is set up to hugely inflate price from the start. You know Yomama likes to bang.

2 YOMA TOKENOMICS

Max supply is **20,000 YOMA**

- 9,800 (49%) is locked for Yield Farming rewards
- 7,000 (35%) YOMA is going to public presale
- 2,500 (12,5%) YOMA for initial liquidity on Uniswap at 2.8x the presale price
- 500 (2,5%) YOMA will be allocated to team
- 200 (1%) YOMA will be used for promotions

3 TOKEN MODEL

3.1 Token burn

Yomama loves it when you buy and use her, so you can buy and transact without burn. BUT, she gonna get real mad when you sell! So each time tokens are sold on Uniswap, part of sold tokens get "burned" directly into the staking pool where they will be distributed over the good boys that stake YOMA.

The burn curve will have a half-life of 1 day, and will plateau after 4 days. The burn percentage is determined as follows:

$$b(t) = \begin{cases} \frac{50}{2^{t/86400}}, & \text{if } t \leq 345600 \\ 3.125 & \text{if } t > 345600 \end{cases} \quad (3.1)$$

Where t is the time in seconds since the blocktime of the Uniswap listing.

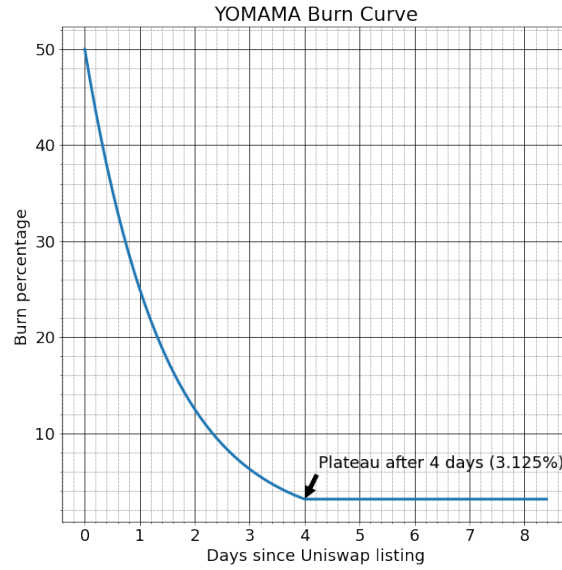


Figure 2: Look at Yomama's burn curve.

The burn mechanism on sell will hugely inflate YOMAMA ('s price) on listing, and will reward YOMA stakers.

3.2 Staking

Good boys know how annoying it can be, you buy a token, and then have to spend ETH again to provide liquidity. We have a solution - You can simply stake your YOMA tokens on our dashboard and earn staking rewards. Staking rewards are generated from the token burn and are distributed proportionally to YOMA stakers. Our dashboard will provide insights in your rewards, and will have an option to instantly restake rewards.

3.3 Yield Farming

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Yield farming is a juicy way to earn some YOMA, we are starting off with a huge APY, just like YOMAMA. The yield farming average daily APY is determined by the following equations:

$$emission(d) = \frac{\partial}{\partial d} \left(9800 - \frac{9800}{2^{\frac{d}{7}}} \right) \quad (3.2)$$

and, using a listing price of 2.8x and assuming half of the people use their tokens to yield farm: (3500 tokens) we get

$$APY(d) = \frac{100 * 2.8 * 365 * d}{3500} \quad (3.3)$$

The yield farming APY curve looks like this

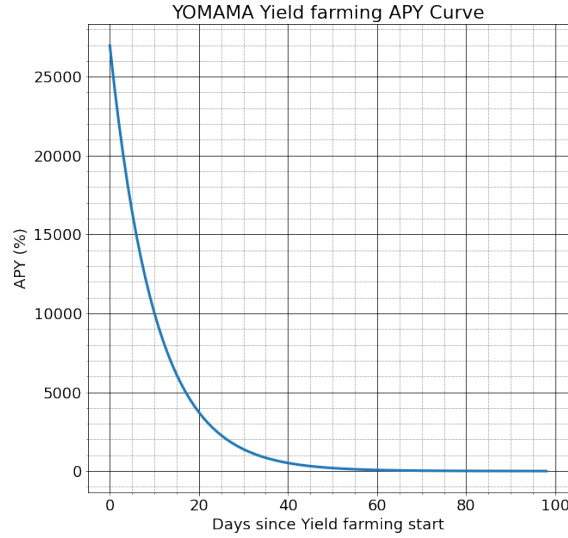


Figure 3: This is Yomama's yield farming APY curve.

3.3.1 Yield APY

For the first 30 days the daily average APY will be:

<i>Day</i>	APY
Day 0	26978%
Day 1	24435%
Day 2	22131%
Day 3	20045%
Day 4	18155%
Day 5	16443%
Day 6	14893%
Day 7	13489%
Day 8	12217%
Day 9	11066%
Day 10	10022%
Day 11	9077%
Day 12	8222%
Day 13	7447%
Day 14	6745%
Day 15	6109%
Day 16	5533%
Day 17	5011%
Day 18	4539%
Day 19	4111%
Day 20	3723%
Day 21	3372%
Day 22	3054%
Day 23	2766%
Day 24	2506%
Day 25	2269%
Day 26	2055%
Day 27	1862%
Day 28	1686%
Day 29	1527%

Table 3.1: Average daily APY%