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Staking Details

Libre Staking Math

The staking return is calculated using the following formula:

$$f(s, t) = \min(t) + \sqrt{(s)} * (Max(t) - Min(t))$$

Where s is the index of time elapsed since day one of staking, t is the staking length.

Min is a function of time that decreases with t , and Max is also a function of t .

The degradation of Min and Max is also a function of the square root of time s and not t .

These are core in the inherent game mechanics of the LIBRE token incentives.

This math is implemented in the open-source Libre staking contract.

Libre Staking Table



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Variable	Type
Stake Date	DATE
Stake Length	INT
Mint Bonus	%
Libre Staked	FLC
APY	%
Payout	FLC
Payout Date	DATE



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