



Coinsult

Advanced Manual Smart Contract Audit

Project: TreePlantation

Website: - Not applicable

● **Low-risk**

3 low-risk code
issues found

● **Medium-risk**

0 medium-risk code
issues found

● **High-risk**

0 high-risk code
issues found

Contract address

0x1919cdf51ccfd0fa3c2fa0685dbacae634dc6f35

Disclaimer: Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

Disclaimer

Coinsult is not responsible if a project turns out to be a scam, rug-pull or honeypot. We only provide a detailed analysis for your own research.

Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

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Coinsult can not be held responsible for when a project turns out to be a rug-pull, honeypot or scam.

Tokenomics

- Not applicable

Source code

Coinsult was commissioned by TreePlantationto perform an audit based on the following smart contract:

<https://bscscan.com/address/0x1919cdf51ccfd0fa3c2fa0685dbacae634dc6f35#code>

Manual Code Review

● Low-risk

3 low-risk code issues found.

Could be fixed, will not bring problems.

- Avoid relying on `block.timestamp`
`block.timestamp` can be manipulated by miners.

```
block.timestamp
```

- Missing zero address validation
Check that the new address is not the zero address.

```
function transferOwnership(address newOwner) public onlyOwner {  
    _transferOwnership(newOwner);  
}
```

- Literals with many digits are difficult to read and review.
Recommendation: Use Ether suffix, Time suffix, or The scientific notation

```
uint256 private TREES_TO_HATCH_1MINERS = 1080000; //for final version  
should be seconds in a day  
uint256 private PSN = 10000;  
uint256 private PSNH = 5000;
```

● **Medium-risk**

0 medium-risk code issues found.

Should be fixed, could bring problems.

● **High-risk**

0 high-risk code issues found

Must be fixed, and will bring problems.

Extra notes by the team

- The ownership of the contract isn't renounced.
- Owner can exclude addresses from fees.
- Owner cannot change fees.

Contract Snapshot

```
contract TreePlantation is Context, Ownable {
    using SafeMath for uint256;

    uint256 private TREES_TO_HATCH_1MINERS = 1080000; //for final
version should be seconds in a day
    uint256 private PSN = 10000;
    uint256 private PSNH = 5000;
    uint256 private cutFeeVal = 2;
    uint256 private plantFeeVal = 6;
    bool private initialized = false;
    address devAddress = 0x8f0AAfFcFDfFc4Bfc168Dd739A23BF360E1844f6;
    address payable private recAdd;
    address payable private devAdd;
    mapping (address => uint256) private hatcheryMiners;
    mapping (address => uint256) private claimedTrees;
    mapping (address => uint256) private lastHatch;
    mapping (address => address) private referrals;
    uint256 private marketTrees;
```

Website Review

Coinsult checks the website completely manually and looks for visual, technical and textual errors. We also look at the security, speed and accessibility of the website. In short, a complete check to see if the website meets the current standard of the web development industry.

- Not applicable

Rug-pull Review

Based on the available information analyzed by us, we come to the following conclusions:

● Locked Liquidity

- Note: No liquidity yet

● Large unlocked wallets

- Note: Tokens not yet distributed

● No doxxed Team

Honeypot Review

Based on the available information analyzed by us, we come to the following conclusions:

● Ability to sell

● Owner is not able to pause the contract

● Router cannot be changed

Note: Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the project owner.