

DESSERT
FINANCE



SEEDS (SEED\$)

BEP-20 Audit

Performed at block 16099659

PERFORMED BY DESSERT FINANCE

CONTRACT ADDRESSES:

0xEa28f75B2b0757e6622D30eC27FaF4Cb8132FDaB
0x58355913AB6b4534814739967A3beAB153127ED5
0xb7964Ae0534DB40dEda485716AF380d10f7Ec9D9
0x8D2799d7921b584aB9356d26588B73f4Cb31cA9B
0xF1960967caB0C1F87fB06f6bc5CAEA165cb9Dd22

INITIAL DISCLAIMER

Dessert Finance provides due-diligence project audits for various projects. Dessert Finance in no way guarantees that a project will not remove liquidity, sell off team supply, or otherwise exit scam.

Dessert Finance does the legwork and provides public information about the project in an easy-to-understand format for the common person.

Agreeing to an audit in no way guarantees that a team will not remove *all* liquidity (“Rug Pull”), remove liquidity slowly, sell off tokens, quit the project, or completely exit scam. There is also no way to prevent private sale holders from selling off their tokens. It is ultimately your responsibility to read through all documentation, social media posts, and contract code of each individual project to draw your own conclusions and set your own risk tolerance.

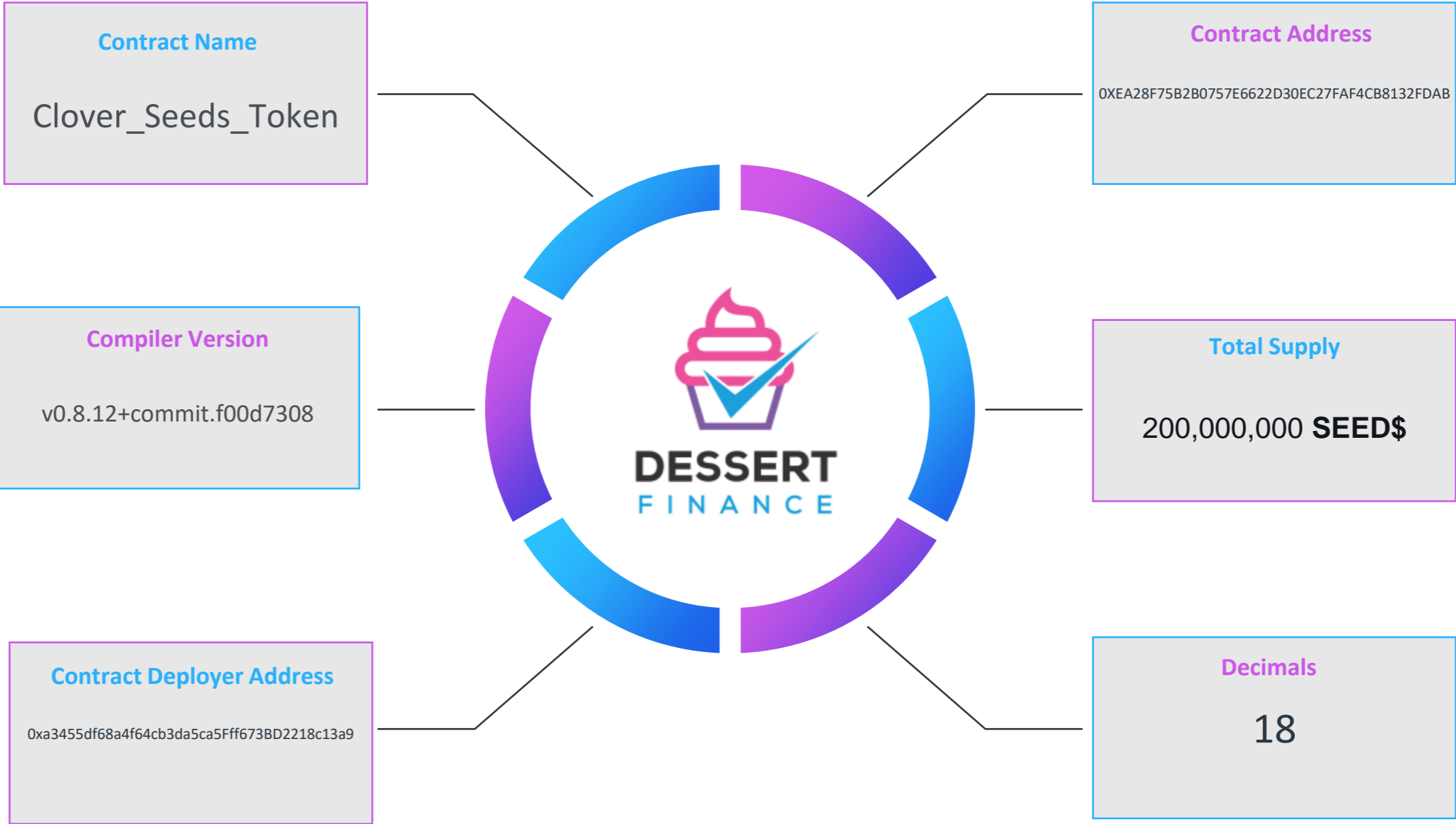
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Table of Contents



1. Contract Code Audit – Token Overview
2. BEP-20 Contract Code Audit – Overview
3. BEP-20 Contract Code Audit – Vulnerabilities Checked
4. Contract Code Audit – Contract Ownership
5. Contract Code Audit – Owner Accessible Functions
6. Liquidity Ownership – Locked / Unlocked
7. Contract Code Audit – Mint Functions
8. Contract Transaction Fees
9. Website Overview
10. Social Media
11. Top Token Holders/Wallets
12. Location Audit
13. Review of Team
14. Roadmap
15. Disclaimers

Contract Code Audit – Token Overview



BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on SEEDS (SEED\$)

```

@openzeppelin/contracts/ERC20/Context.sol
License Identifier: MIT
Solidity ^0.8.0

Provides information about the current execution context, including the
sender of the transaction and its data, while these are generally available
via msg.sender and msg.data, they should not be accessed in such a direct
manner, since when dealing with meta-transactions the account sending and
executing for execution may not be the actual sender (as far as an application
concerned).

contract is only required for intermediate, library-like contracts.

contract Context {
    function msgSender() internal view virtual returns (address payable) {
        return msg.sender;
    }

    function msgData() internal view virtual returns (bytes memory) {
        return msg.data;
    }
}

License Identifier: MIT

./IERC20.sol
./Auth.sol
./Contract.sol
./SafeMath.sol
./TimelockV2Router02.sol
./TimelockV2Factory.sol
./TimelockV2Pair.sol
./Pauseable.sol

contract Clover_Seeds_Token is IERC20, Auth, Pauseable {
    string public name;
    string public symbol;
    uint8 public decimals;

    uint256 public totalSupply;
    uint256 public _totalSupply;
    uint256 public _totalSupply;
    uint256 public _totalSupply;

    mapping(address => uint256) public balances;
    mapping(address => mapping(address => uint256)) public allowances;

    mapping(address => bool) public isApprovedForAll;
    mapping(address => bool) public isAuthorized;
    mapping(address => bool) public isAuthorized;
    mapping(address => bool) public isController;

    // Sell fee
    uint public _sellFee = 100;
    uint public _sellLiquidFee = 100;
}

```

Contract Address

0xEa28f75B2b0757e6622D30eC27FaF4Cb8132FDaB

TokenTracker

SEED (SEED\$)

Contract Creator

0xa3455df68a4f64cb3da5ca5fff673bd2218c13a9

Source Code

Contract Source Code Verified

Contract Name

Clover_Seeds_Token

Other Settings

default evmVersion

Compiler Version

v0.8.12+commit.f00d7308

Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

BEP-20 Contract Code Audit – Vulnerabilities Checked

SEEDS (SEED\$)

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility (x8)	Complete	Complete	✓ Low Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is verified on BSCScan.

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – Contract Ownership

Contract Ownership has not been renounced at the time of Audit



The contract ownership is not currently renounced.

We have placed the contract owner address below for your viewing:

[0xed09b9242f2d67176fddecfe5a42a39315baeaf3](https://www.etherbase.net/etherbase/address/0xed09b9242f2d67176fddecfe5a42a39315baeaf3)

The address above has authority over the ownable functions within the contract.

This allows the owner to call certain functions within the contract. Any compromise to the owner wallet may allow these privileges to be exploited.

We recommend:

- Establishing a Time-Lock with reasonable latency
- Assignment of privileged roles to multi-signature wallets

Contract Code Audit – Owner Accessible Functions

SEEDS (SEED\$)

Function Name	Parameters	Visibility	Audit Notes
setReleaseDuration	uint256 dur	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
swapFee		external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setFees	uint16 sellTeamFee_, uint16 sellLiquidityFee_, uint16 buyTeamFee_, uint16 buyLiquidityFee_, uint16 marketingFeeWhenNoNFTs_, uint16 teamFeeWhenNoNFTs_, uint16 liquidityFeeWhenNoNFTs_	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setTeamAddress	address teamAdd	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMarketingAddress	address marketingAdd	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
disableNFTFee		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
enableNFTFee		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setFirst_5_Block_Buy_Sell_Fee	uint256 _fee	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setMaxWallet	uint256 amount	external	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferLP2Owner		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
AddController	address account	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Contract Code Audit – Authorize Accessible Functions

SEEDS (SEED\$)

Function Name	Parameters	Visibility	Audit Notes
setTxLimit	uint256 amount		authroized modifier is detected. Authorized wallets can call this function.
setIsFeeExempt	address holder, bool exempt		authroized modifier is detected. Authorized wallets can call this function.
setIsTxLimitExempt	address holder, bool exempt		authroized modifier is detected. Authorized wallets can call this function.
setSwapBackSettings	bool _enabled		authroized modifier is detected. Authorized wallets can call this function.
transferForeignToken	address _token		authroized modifier is detected. Authorized wallets can call this function.

The above functions can be called by anyone with the authorized modifier.

Liquidity Ownership – Locked / Unlocked

No locked liquidity information has been found.



This page will contain links to locked liquidity for the project if we are able to locate that information.

Contract Code Audit – Mint Functions

This Contract Cannot Mint New \$SEED Tokens.



We do understand that sometimes mint functions are essential to the functionality of the project.

A mint function was not found in the contract code.

BEP-20 Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Clover_Seeds_NFT

```
// SPDX-License-Identifier: MIT
import * as ERC721 from 'openzeppelin-solidity@4.5.0/contracts/token/ERC721/ERC721.sol';
import * as ERC721Enumerable from 'openzeppelin-solidity@4.5.0/contracts/token/ERC721/ERC721Enumerable.sol';
import * as ERC721URIStorage from 'openzeppelin-solidity@4.5.0/contracts/token/ERC721/ERC721URIStorage.sol';
import * as EnumerableSet from 'openzeppelin-solidity@4.5.0/contracts/utils/EnumerableSet.sol';
import * as SafeMath from 'openzeppelin-solidity@4.5.0/contracts/math/SafeMath.sol';
import * as Contract from 'openzeppelin-solidity@4.5.0/contracts/proxy/utils/Contract.sol';

contract Clover_Seeds_NFT is ERC721, ERC721Enumerable, ERC721URIStorage, EnumerableSet, ERC721Burnable {
    using SafeMath for uint256;

    uint256 private _cap = 11111;

    mapping (address => bool) public minters;
    mapping (address => uint[]) nameNFTs;
    mapping (uint => uint) tokenIndex;
    uint256 public minted;

    address public Clover_Seeds_Picker;

    constructor(address _Clover_Seeds_Token) ERC721("Clover SEED$ NFT", "CSNFT") {
        _Clover_Seeds_Token = _Clover_Seeds_Token;
    }

    modifier onlyMinter() {
        require(minters[msg.sender], "Restricted to minters.");
    }

    function pause() public onlyOwner {
        _pause();
    }

    function resume() public onlyOwner {
        _resume();
    }

    function addMinter(address account) public onlyOwner {
        minters[account] = true;
    }

    function removeMinter(address account) public onlyOwner {
        minters[account] = false;
    }

    function approve(address to, uint256 tokenId) public {
        _approve(to, tokenId);
    }

    function setApprover(address _approver) public onlyOwner {
        _setApprover(_approver);
    }

    function mint(address to, uint256 tokenId) public onlyMinter {
        require(minted + 1 <= _cap, "SEED NFT: All tokens minted.");
        minted++;
        _mint(to, tokenId);
        nameNFTs[to].push(tokenId);
        tokenIndex[tokenId] = nameNFTs[to].length - 1;
        _setContractURI(Clover_Seeds_Token, tokenId, to);
    }

    require(Contract(Clover_Seeds_Picker).randomizer(tokenId), "SEED NFT: Unable to call randomizer.");
    require(Contract(Clover_Seeds_Picker).mintFromOwner(tokenId, "SEED NFT: Unable to call mintFromOwner.");
}
```

Contract Address

0x58355913AB6b4534814739967A3beAB153127ED5

TokenTracker

Clover SEED\$ NFT (CSNFT)

Contract Creator

0xa3455df68a4f64cb3da5ca5fff673bd2218c13a9

Source Code

Contract Source Code Verified

Contract Name

Clover_Seeds_NFT

Other Settings

default evmVersion

Compiler Version

v0.8.12+commit.f00d7308

Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

BEP-20 Contract Code Audit – Vulnerabilities Checked

Clover_Seeds_NFT

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility	Complete	Complete	✓ Low / No Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is **verified** on BSCScan

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – Owner Accessible Functions

Clover_Seeds_NFT

Function Name	Parameters	Visibility	Audit Notes
pause		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
unpause		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
addMinter	address account	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
removeMinter	address account	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setApprover	address _approver	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setClover_Seeds_Token	address SeedsToken	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
set_cap	uint256 amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setClover_Seeds_Picker	address _Clover_Seeds_Picker	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setController	address _controller	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferAnyBEP20Tokens	address tokenAddress, address recipient, uint256 amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Contract Code Audit – Vulnerabilities Checked

Clover_Seeds_Stake

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility	Complete	Complete	✓ Low / No Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is **verified** on BSCscan

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – Owner Accessible Functions

Clover_Seeds_Stake

Function Name	Parameters	Visibility	Audit Notes
updateRewardInterval	uint256 _sec	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateCloverField_Carbon_Pearl_Ruby_Diamond_RewardRate	uint256 _carbon, uint256 _pearl, uint256 _ruby, uint256 _diamond	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateCloverYard_Carbon_Pearl_Ruby_Diamond_RewardRate	uint256 _carbon, uint256 _pearl, uint256 _ruby, uint256 _diamond	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateCloverPot_Carbon_Pearl_Ruby_Diamond_RewardRate	uint256 _carbon, uint256 _pearl, uint256 _ruby, uint256 _diamond	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
updateWaterInterval	uint256 sec	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
enableStaking		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
disableStaking		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
enableClaimFunction		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
disableClaimFunction		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
enableMarketingFee		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
disableMarketingFee		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setClover_Seeds_Picker	address _Clover_Seeds_Picker	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
set_Seed_Controller	address _wallet	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
set_Seeds_Token	address SeedsToken	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
set_Seeds_NFT_Token	address nftToken	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferAnyBEP20Tokens	address tokenAddress, address recipient, uint256 amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Clover_Seeds_Controller

```
import "../Contract.sol",
import "../Enumerable.sol",
import "../SafeMath.sol";

contract Clover_Seeds_Controller is Enumerable {
    using SafeMath for uint256;

    address public SeedsToken;
    address public SeedsMintToken;
    address public CloverSeedsPicker;
    address public CloverSeedsStake;
    address public TeamMint;

    uint256 public totalCloverFieldMinted;
    uint256 public totalCloverFieldMinted;
    uint256 public totalCloverPotMinted;

    uint256 private _totalCloverFieldMinted = 1e3;
    uint256 private _totalCloverPotMinted = 11e3;

    uint256 public totalCloverFieldCapMint = 1e3;
    uint256 public totalCloverFieldCapMint = 1e3;
    uint256 public totalCloverPotCapMint = 1e3;
    uint256 private maximumTokenCarry = 10;

    uint256 public nftBuyFeeForTeam = 1000;
    uint256 public nftBuyFeeForMarketing = 1000;
    uint256 public nftBuyFeeForLiquidity = 1000;

    uint256 public purchasePriceInMint = 1e14;
    uint256 public fieldBuyPriceInMint = 1e17;

    uint256 public cloverFieldPrice = 1e12;
    uint256 public cloverFarmPrice = 1e11;
    uint256 public cloverPotPrice = 1e20;

    bool public isContractActivated = false;

    mapping(address => bool) public isFarmAddress;
    mapping(address => bool) public isMintedForPresell;
    mapping(address => bool) private isFarmPresell;
    mapping(address => bool) public isMintedForFieldPresell;
    mapping(address => bool) private isFarmFieldPresell;
    mapping(address => bool) public isVIPAddress;
    mapping(address => bool) private isFarmVIP;
    mapping(address => uint256) public availableTokenCarry;

    mapping(uint256 => bool) private isCloverFieldCarbon;
    mapping(uint256 => bool) private isCloverFieldPearl;
    mapping(uint256 => bool) private isCloverFieldRuby;
    mapping(uint256 => bool) private isCloverFieldDiamond;

    mapping(uint256 => bool) private isCloverFarmCarbon;
    mapping(uint256 => bool) private isCloverFarmPearl;
    mapping(uint256 => bool) private isCloverFarmRuby;
    mapping(uint256 => bool) private isCloverFarmDiamond;

    mapping(uint256 => bool) private isCloverPotCarbon;
    mapping(uint256 => bool) private isCloverPotPearl;
    mapping(uint256 => bool) private isCloverPotRuby;
    mapping(uint256 => bool) private isCloverPotDiamond;

    mapping(address => uint256) public stakingTime;
    mapping(address => uint256) public totalStakedTokens;
}
```

Contract Address

0xb7964Ae0534DB40dEda485716AF380d10f7Ec9D9

Contract Creator

0xa3455df68a4f64cb3da5ca5fff673bd2218c13a9

Source Code

Contract Source Code Verified

Contract Name

Clover_Seeds_Controller

Other Settings

default evmVersion

Compiler Version

v0.8.12+commit.f00d7308

Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

Contract Code Audit – Vulnerabilities Checked

Clover_Seeds_Controller

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility	Complete	Complete	✓ Low / No Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is **verified** on BSCscan

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – Owner Accessible Functions

Clover_Seeds_Controller

Function Name	Parameters	Visibility	Audit Notes
updateNftBuyFeeFor_Team_Marketing_Liquidity	uint256 _team, uint256 _mark, uint256 _liqu	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
AddVIPs	address[] memory vipS, uint256[] memory numberOfToken	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
addOnWhitelistForYardPreSell	address[] memory accounts	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
addOnWhitelistForFieldPreSell	address[] memory accounts	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
ActiveThisContract		public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setClover_Seeds_Picker	address _Clover_Seeds_Picker	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setClover_Seeds_Stake	address _Clover_Seeds_Stake	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setTeamAddress	address account	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
set_Seeds_Token	address SeedsToken	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
set_Seeds_NFT_Token	address nftToken	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setCloverFieldPrice	uint256 price	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setCloverYardPrice	uint256 price	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setCloverPotPrice	uint256 price	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setYardPriceInBNB	uint256 price	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setFieldPriceInBNB	uint256 price	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferAnyBEP20Tokens	address tokenAddress, address recipient, uint256 amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

If contract ownership has been renounced there is no way for the above listed functions to be called.

Contract Code Audit – Overview

Dessert Finance was commissioned to perform an audit on Clover_Seeds_Picker

```
// SPDX-License-Identifier: MIT
import "@openzeppelin/contracts/token/ERC20/ERC20.sol";
import "@openzeppelin/contracts/token/ERC721/ERC721.sol";
import "@openzeppelin/contracts/token/ERC1155/ERC1155.sol";

contract Clover_Seeds_Picker is ERC20 {
    using SafeMath for uint256;

    uint256 public totalCloverFieldCarbon = 320; // 320 for total Clover Field
    uint256 public totalCloverFieldPearl = 224; // 224 for total Clover Field
    uint256 public totalCloverFieldRuby = 128; // 128 for total Clover Field
    uint256 public totalCloverFieldDiamond = 56; // 56 for total Clover Field

    uint256 public totalCloverYardCarbon = 1280; // 128 for total Clover Yard
    uint256 public totalCloverYardPearl = 896; // 896 for total Clover Yard
    uint256 public totalCloverYardRuby = 448; // 448 for total Clover Yard
    uint256 public totalCloverYardDiamond = 176; // 176 for total Clover Yard

    uint256 public totalCloverPotCarbon = 1280; // 320 for total Clover Pot
    uint256 public totalCloverPotPearl = 896; // 224 for total Clover Pot
    uint256 public totalCloverPotRuby = 448; // 128 for total Clover Pot
    uint256 public totalCloverPotDiamond = 176; // 56 for total Clover Pot

    uint256 public totalCloverFieldCarbonMinted;
    uint256 public totalCloverFieldPearlMinted;
    uint256 public totalCloverFieldRubyMinted;
    uint256 public totalCloverFieldDiamondMinted;

    uint256 public totalCloverYardCarbonMinted;
    uint256 public totalCloverYardPearlMinted;
    uint256 public totalCloverYardRubyMinted;
    uint256 public totalCloverYardDiamondMinted;

    uint256 public totalCloverPotCarbonMinted;
    uint256 public totalCloverPotPearlMinted;
    uint256 public totalCloverPotRubyMinted;
    uint256 public totalCloverPotDiamondMinted;

    address public Clover_Seeds_Controller;
    address public Clover_Seeds_MFT_token;

    string private _baseURIFieldCarbon;
    string private _baseURIFieldPearl;
    string private _baseURIFieldRuby;
    string private _baseURIFieldDiamond;
    string private _baseURIYardCarbon;
    string private _baseURIYardPearl;
    string private _baseURIYardRuby;
    string private _baseURIYardDiamond;
    string private _baseURIPotCarbon;
    string private _baseURIPotPearl;
    string private _baseURIPotRuby;
    string private _baseURIPotDiamond;

    constructor(address _seeds_MFT_token, address _Clover_Seeds_Controller) {
        Clover_Seeds_Controller = _Clover_Seeds_Controller;
        Clover_Seeds_MFT_token = _seeds_MFT_token;
    }

    function safeMintFieldCarbon(string calldata _url) public onlyOwner {
        _baseURIFieldCarbon = _url;
    }

    function safeMintFieldPearl(string calldata _url) public onlyOwner {
        _baseURIFieldPearl = _url;
    }

    function safeMintFieldRuby(string calldata _url) public onlyOwner {

```

Contract Address

0x8D2799d7921b584aB9356d26588B73f4Cb31cA9B

Contract Creator

0xa3455df68a4f64cb3da5ca5fff673bd2218c13a9

Source Code

Contract Source Code Verified

Contract Name

Clover_Seeds_Picker

Other Settings

default evmVersion

Compiler Version

v0.8.12+commit.f00d7308

Optimization Enabled

Yes with 200 runs

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

Contract Code Audit – Vulnerabilities Checked

Clover_Seeds_Picker

Vulnerability Tested	AI Scan	Human Review	Result
Compiler Errors	Complete	Complete	✓ Low / No Risk
Outdated Compiler Version	Complete	Complete	✓ Low / No Risk
Integer Overflow	Complete	Complete	✓ Low / No Risk
Integer Underflow	Complete	Complete	✓ Low / No Risk
Correct Token Standards Implementation	Complete	Complete	✓ Low / No Risk
Timestamp Dependency for Crucial Functions	Complete	Complete	✓ Low / No Risk
Exposed _Transfer Function	Complete	Complete	✓ Low / No Risk
Transaction-Ordering Dependency	Complete	Complete	✓ Low / No Risk
Unchecked Call Return Variable	Complete	Complete	✓ Low / No Risk
Use of Deprecated Functions	Complete	Complete	✓ Low / No Risk
Unprotected SELFDESTRUCT Instruction	Complete	Complete	✓ Low / No Risk
State Variable Default Visibility	Complete	Complete	✓ Low / No Risk
Deployer Can Access User Funds	Complete	Complete	✓ Low / No Risk

The contract code is **verified** on BSCscan

The vulnerabilities listed above were not found in the token's Smart Contract.

Contract Code Audit – Owner Accessible Functions

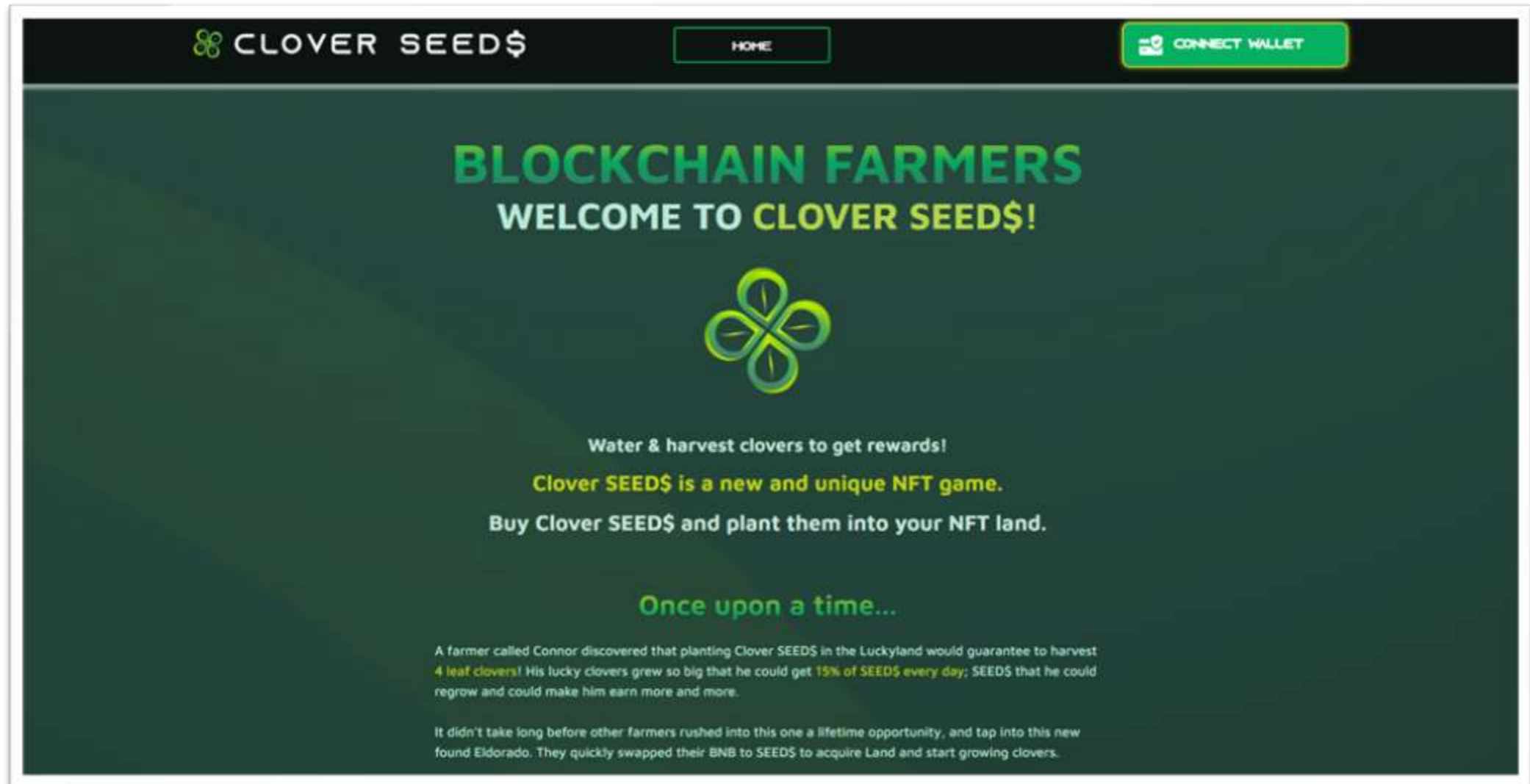
Clover_Seeds_Picker

Function Name	Parameters	Visibility	Audit Notes
setBaseURIFieldCarbon	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIFieldPearl	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIFieldRuby	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIFieldDiamond	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIYardCarbon	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIYardPearl	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIYardRuby	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIYardDiamond	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIPotCarbon	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIPotPearl	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIPotRuby	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setBaseURIPotDiamond	string calldata _uri	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setSeeds_NFT_Token	address _Seeds_NFT_Token	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
setClover_Seeds_Controller	address _Clover_Seeds_Controller	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferAnyBEP20Tokens	address tokenAddress, address recipient, uint256 amount	public	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
renounceOwnership		public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.
transferOwnership	address newOwner	public virtual	onlyOwner modifier is detected. Owner can call this function if the contract is not renounced.

The functions listed above can be called by the contract owner.

Website Part 1 – Overview

www.clover-seeds.com



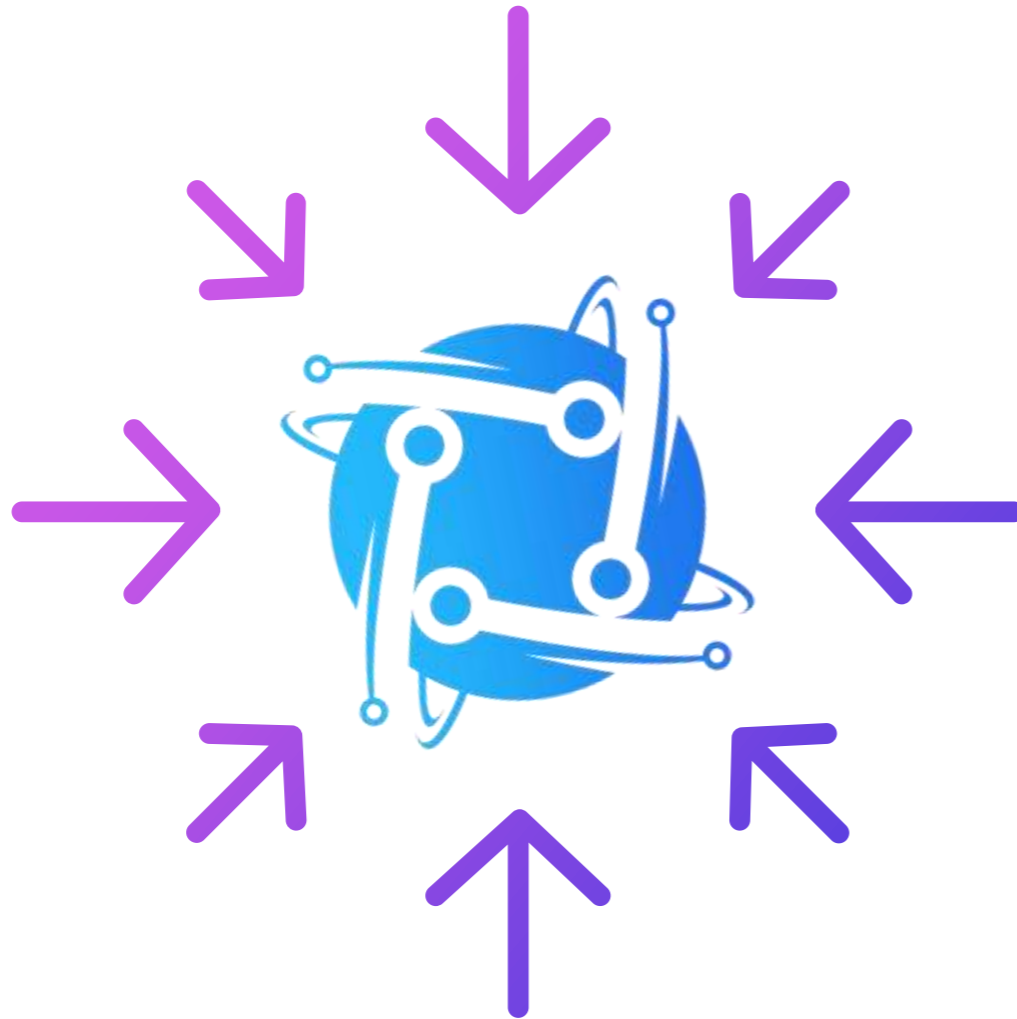
Above images are actual snapshots of the current live website of the project.

Website was registered on 01/14/2022, registration expires 01/14/2023.

X This does not meet the 3 year minimum we like to see on new projects.



Website Part 2 – Checklist



- ✓ Mobile Friendly
- ✓ No JavaScript Errors
- ✓ Spell Check
- ✓ SSL Certificate

The website contained no JavaScript errors. No typos, or grammatical errors were present, and we found a valid SSL certificate allowing for access via https.

No additional issues were found on the website.

Website Part 3 – Responsive HTML5 & CSS3

No issues were found on the Mobile Friendly check for the website. All elements loaded properly and browser resize was not an issue. The team has put a considerable amount of thought and effort into making sure their website looks great on all screens.

No severe JavaScript errors were found. No issues with loading elements, code, or stylesheets.



Website Part 4 (GWS) – General Web Security



SSL CERTIFICATE

A valid SSL certificate was found. Details are as follows:

Offered to: clover-seeds.com

Issued by: R3

Valid Until: 04/21/2022



CONTACT EMAIL

A valid contact email was found on the official website. Contact email is listed as shown below:

Contact

support@clover-seeds.financial



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

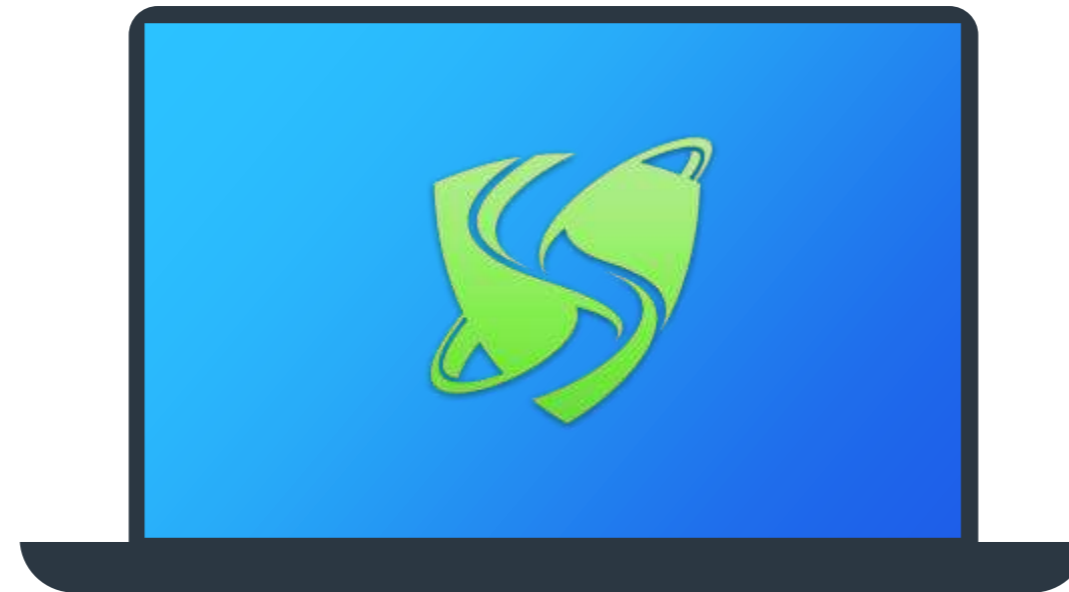
No internal server errors

No popups found

Domain is marked clean by Google, McAfee, Sucuri Labs, & ESET



Social Media



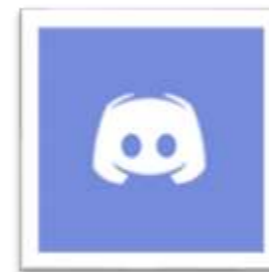
We were unable to locate a variety of Social Media networks for the project.



[Twitter](#)



[Telegram](#)



[Discord](#)



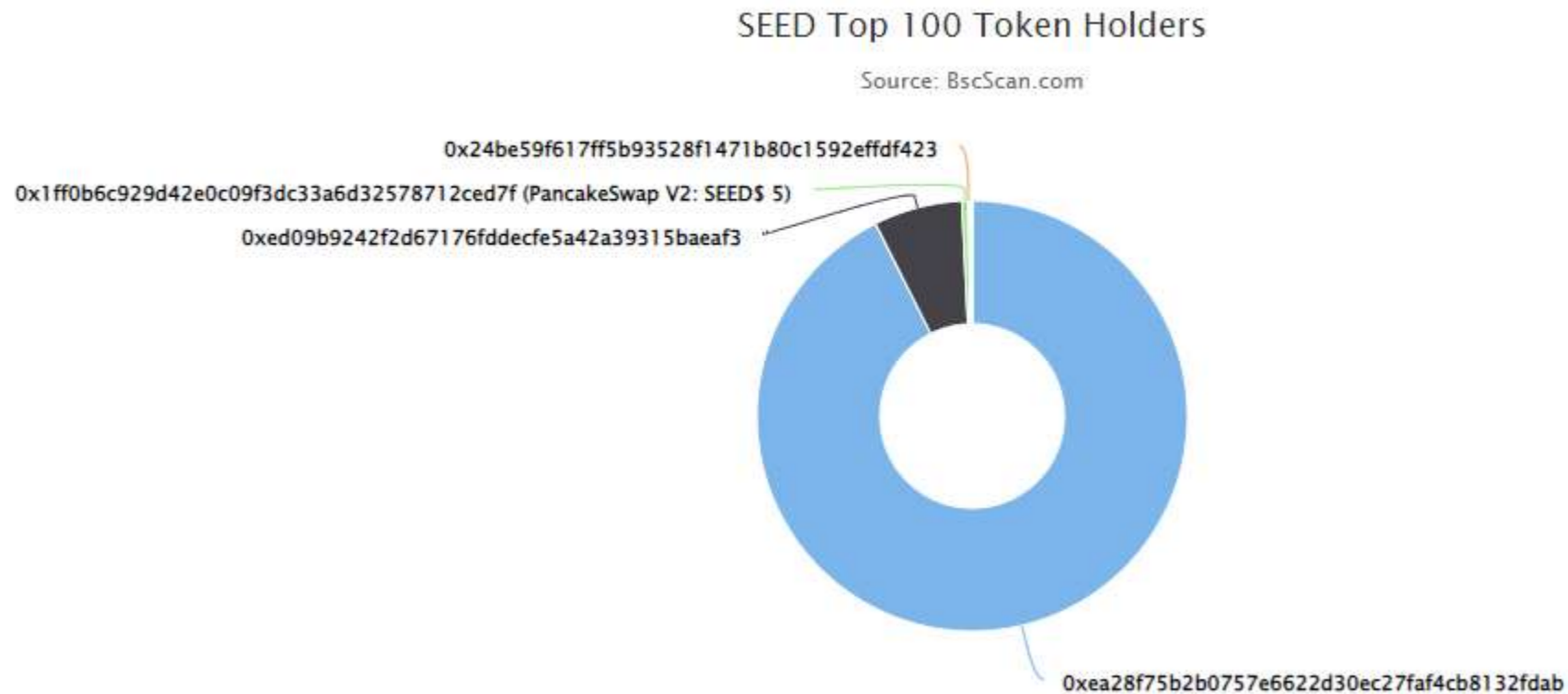
[Instagram](#)

✓ At least 3 social media networks were found.

Top Token Holders

The top token holders at the time of the audit are shown below.

[Click here to view the most up-to-date list of holders](#)



Rank	Address	Quantity (Token)	Percentage
1	0xea28f75b2b0757e6622d30ec27faf4cb8132fdab	185,177,342.184470078076221409	92.5887%
2	0xed09b9242f2d67176fddecfe5a42a39315baeaf3	13,319,396.86533062714090066	6.6597%
3	PancakeSwap V2: SEED\$ 5	892,054.068671987973728595	0.4460%
4	0x24be59f617ff5b93528f1471b80c1592effdf423	167,279.308915602669402653	0.0836%
5	0xfb3b11d246a3f6814ade052e83c33a88e7d125d7	66,837.430253718218240335	0.0334%

Location Audit

We were unable to identify a primary location for the project at this time or a location has not been declared.



Team Overview



We are unable to find any information about the team on the website at this time. Projects may choose to stay anonymous for a myriad of reasons.

Roadmap

A roadmap was found on the official website, we have conveniently placed it on this page for your viewing.



Disclaimer



The opinions expressed in this document are for general informational purposes only and are **not intended to provide specific advice or recommendations for any individual or on any specific investment**. It is only intended to provide education and public knowledge regarding projects. This audit is only applied to the type of auditing specified in this report and the scope of given in the results. Other unknown security vulnerabilities are beyond responsibility. Dessert Finance only issues this report based on the attacks or vulnerabilities that already existed or occurred before the issuance of this report. For the emergence of new attacks or vulnerabilities that exist or occur in the future, Dessert Finance lacks the capability to judge its possible impact on the security status of smart contracts, thus taking no responsibility for them. The smart contract analysis and other contents of this report are based solely on the documents and materials that the contract provider has provided to Dessert Finance or was publicly available before the issuance of this report (issuance of report recorded via block number on cover page), if the documents and materials provided by the contract provider are missing, tampered, deleted, concealed or reflected in a situation that is inconsistent with the actual situation, or if the documents and materials provided are changed after the issuance of this report, Dessert Finance assumes no responsibility for the resulting loss or adverse effects. Due to the technical limitations of any organization, this report conducted by Dessert Finance still has the possibility that the entire risk cannot be completely detected. Dessert Finance disclaims any liability for the resulting losses.

Dessert Finance provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Even projects with a low risk score have been known to pull liquidity, sell all team tokens, or exit-scam. Please exercise caution when dealing with any cryptocurrency related platforms.

The final interpretation of this statement belongs to Dessert Finance.

Dessert Finance highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.



Thank You

DESSERT FINANCE PROJECT AUDIT HAS BEEN COMPLETED FOR SEEDS (SEED\$) & CLOVER_SEEDS_NFT
AT BLOCK NUMBER: 16099659

THIS AUDIT IS ONLY VALID IF VIEWED ON [HTTPS://WWW.DSSERTSWAP.FINANCE](https://www.dessertswap.finance)

www.dessertswap.finance
<https://t.me/dessertswap>