



## CuNitrogen™ Rules For Culica®

Variation - Classic

Mode: 2 to 8+ Players

Difficulty: Easy

### Set Up

Put a random scattering of pegs on the Culica so that it is about half full. Colours don't matter, but move any pegs that have four *side-by-side* neighbours.

### Rules

Players take turns.

Players put pegs onto the Culica such that every peg cannot have *more* than three neighbours (including over the face edges).

- ✓ Neighbours are *side-by-side*. (Peg colour doesn't matter).
- ✓ Pegs that touch diagonally (*not side-by-side*) are allowed and are *not* counted as "neighbours"



*Examples: in the top right picture, the green peg has three neighbours and the yellow pegs each have one.*

*In the bottom right picture the green and red pegs have three neighbours each. Two of the yellow pegs have two neighbours each and the other two yellow pegs have one neighbour each.*

The game ends when no one can move. The last person to place a peg wins.

### To win:

When the game ends, the person with the most pegs of their own colour remaining on the Culica wins.

### Bits and Bobs

CuNitrogen (also known as the Nitrogen Game) is named after the Nitrogen atom, which likes to make three chemical bonds (analogous to the three-neighbour rule).

CuNitrogen is a game that is a spin-off from the CuMolecula game for the Culica, which features "nitrogen" with three bonds, and also "hydrogen" with one bond, "oxygen" with two bonds and "carbon" with four bonds.

