The reference point for calculating the other points seems to be the top left point of the grid. It is expected that the bottom left point will be the reference point.

This is a problem if the maximum Y coordinate is not of the form $Y_{min} + n \cdot \delta Y$ with $n$ integer.

The MMQGIS create grid function gives the expected results, even in this case.

see attached illustration
This doesn't seem to be a bug. The code clearly uses that reference point, and the corresponding tests do so. I have updated the documentation to make it clear that the top left point is the reference point for this algorithm.