Status: Closed  
Priority: Normal  
Assignee:  
Category: Processing/QGIS  
Affected QGIS version: 3.4.3  
Regression?: No  
Easy fix?: No  
Operating System:  
Pull Request or Patch supplied:  
Crashes QGIS or corrupts data:  
Copied to github as #: 28785

### Description

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 Ymin + n*deltaY with n integer.

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

see attached illustration

### Associated revisions

**Revision e3516ab1 - 2019-01-23 08:38 AM - Victor Olaya**

[processing] fixed qgis algorithms help file

fixes #20966

### History

**#1 - 2019-01-10 11:38 AM - Giovanni Manghi**

- Status changed from Open to Feedback
- Category changed from Processing/GUI to Processing/QGIS

Does it works as expected on 2.18?

**#2 - 2019-01-10 11:51 AM - Alain FERRATON**

- Status changed from Feedback to Open

Same problem under QGIS 2.18 and QGIS 2.16

**#3 - 2019-01-23 08:42 AM - Victor Olaya**

- % Done changed from 0 to 100
- Status changed from Open to Closed
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.

Files

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>grille_param_nok.png</td>
<td>22.1 KB</td>
<td>2019-01-10</td>
<td>Alain FERRATON</td>
</tr>
<tr>
<td>resultat.png</td>
<td>30.2 KB</td>
<td>2019-01-10</td>
<td>Alain FERRATON</td>
</tr>
<tr>
<td>grille_param_ok.png</td>
<td>18.7 KB</td>
<td>2019-01-10</td>
<td>Alain FERRATON</td>
</tr>
</tbody>
</table>