

# FarmGrid

## Installation Guide

### Steps

- Prepping Installation Area
- Installing FarmGrid & Accessories
- Pour Gravel
- Compaction & Finishing Touches

### Material List

- The required quantity of FarmGrid to cover your installation area. (70 sq ft per grid)
- The appropriate quantity of accessories for your FarmGrid including geo-textile, anchors, and zip-ties.
- Your border material for the perimeter of your area, such as pressure treated lumber or logs.
- 0.65 - 0.70 yards of ½" minus gravel per panel (we recommend using an angular crushed gravel with screening)
- Additional tools for installation: tractor and/or wheelbarrow, shovels, rakes, hammers/mallets, scissors, and a compactor.

### Installation:

#### 1 Prepping Installation Area

Start by clearing your area of any large obstacles or debris to provide yourself with a suitable space to install your grid. Small debris or uneven terrain won't be an issue for the grid since it is flexible; but large stones, plants, or other obstructions should be removed.

The grid should also be installed with a proper border surrounding the perimeter to help with containment and to protect the edges of the grid from animal traffic. The most ideal product to use is 4x4 pressure treated lumber, but any thick wooden objects lying around your property may be just as useful. If you are installing the grid against an existing structure or wall, consider this side to be already contained and does not require a border.

Since the grid is also flexible, it can conform to the ground around it. For this reason, instead of having a border you can have the edges of the grid drop down to meet the surrounding surface. This provides animals with a smooth transition to begin walking on the grid.

#### 2 Installing FarmGrid & Accessories

The first step of product installation is the geo-textile layer. Lay the fabric to cover the entire area beneath where the grid will go. If your area is being covered by several separate pieces of the fabric, make sure the pieces overlap one another (no gaps).



Once the geo-textile layer has been laid, you can then install your FarmGrid. Remove the grid from its packaging and expand the product to its maximum within your area. Use your anchors to pin the grid to your surface, starting with the corners, then edges, and lastly the center. Once anchoring is complete, your FarmGrid should be so tightly stretched that the walls are elastic like a guitar string.

If your area is a different size than the FarmGrid, this is when you can modify your grids to fit within the required area. Make sure to cut the excess grid if your area is smaller in dimension than the grid. Do not try to fit the whole grid within a smaller area since it will then not be tight enough. If your area is larger than the FarmGrid, you can use multiple grids together by connecting the edges with the included zip-ties. It may be possible to use cut pieces in other areas, but be aware that cutting the grid will open a row of cells and make that row unusable.

#### 4 Compaction & Finishing Touches

Start by hosing down your gravel with water if the gravel is dry. This may take some time to fully soak the full depth of the gravel.



Run your compactor over the grid, making sure to **compact all areas including the edges**. If compaction is lowering the gravel enough that the grid is exposed, add some more gravel to the affected cells.

Once compaction is complete, feel free to add any additional layers of aggregate, sand, etc. on top of the grid to add your finishing touches.



## FAQ's

### What kind of gravel should I use with the FarmGrid?

We recommend ½" minus gravel with smaller sediment and particles, so that it will compact well. This will provide a stable surface and prevent hoof bruising. Do not use pea gravel or clear gravel.

### What tools do I need to install?

Besides the gravel and the grid itself, it is helpful to have these tools ready:

- A tractor or wheel-barrow for easy movement of your gravel to the appropriate area.
- Shovels and rakes to properly fill and spread each FarmGrid cell.
- Anchors for keeping the grid fully-expanded and secure during and after the pour.
- Hammers or mallets for driving in each anchor.
- Compactor to compact each cell of your FarmGrid as much as possible.

### Does the FarmGrid require a border?

The FarmGrid will require a border for correction installation. If there is no existing wall or fence that can be used as a border, the best border to use is treated lumber. You can also consider raising the terrain surrounding the grid, to be used as a border and provide a gradual incline that acts as a ramp for your animals onto the top of the grid.

### Can I connect two grids or cut a grid in half?

Yes, you can connect or cut grids to fit the area of your application. To connect grids, line two sets up side-by-side and zip tie the adjacent cells together. If you need to cut grids, the plastic can be cut through easily with a circular saw or sharp utility scissors. Please note that cutting a unit will require you to cut through one row of cells.



Vodaland fully stands behind each and every one of our products. We always urge our customers to email or call us with any questions. If you ever have any issues or concerns, we would like to hear them, please send us an email at [info@vodaland.ca](mailto:info@vodaland.ca)

### Thank you again for your business!

Please note: All the specifications, drawings, and installation schemes can be found and downloaded on our website. Go to the product page and you'll find tabs for all these options at the bottom of the page. Installation videos can also be found on YouTube at: [Vodaland Canada](https://www.youtube.com/VodalandCanada).

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