

# Gro-Mars

## Expected Gro-Bot Actions

During a match, gro-bots are expected to execute the following main tasks:

- Moving from the initiation line.
- Placing plants on the vertical hydroponic farms.
- Placing plants on the gro-beds and fertilized gro-bed.
- Moving gro-beds to the gro-bay.
- Retrieving plants from the cargo drop.
- Sitting under, hanging under, or sitting on top of the gro-bay.

Placing plants on the vertical hydroponic farms involves hanging the plants on the angled pegs. Higher levels of the vertical hydroponic farms are more difficult to reach and move to a greater extent if disturbed, rewarding more points.

Gro-bots are also expected to place plants on gro-beds and the fertilized gro-bed and must be careful not to disturb other plants already placed.

Once pre-loaded plants have been placed, more can be obtained from the cargo drop.

Moving a gro-bed entails relocating it to an alliance's gro-bay. This is difficult and alliance partners may need to work together. Teams must be careful when moving gro-beds as plants may fall.

During the endgame, both alliances are expected to compete for the sole fertilized gro-bed which has reduced friction, maneuvers differently than the alliance gro-beds, and has an increased point value. All plants on the fertilized gro-bed will be scored for the alliance that scored the fertilized gro-bed regardless of the alliance which initially placed the plant.

At the end of the match, gro-bots may score additional points by:

- Sitting under the gro-bay simply involves the gro-bot being entirely inside the gro-bay and supported by the floor.
- Hanging from the gro-bay involves the gro-bot being fully suspended from the gro-bay structure.
- Sitting on top of the gro-bay involves the gro-bot being supported atop the gro-bay structure.

While these actions are to be expected, variations are also welcome so long as they are not in violation of any gameplay rules.