The Enviropot
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Materials Used

- Wiley Mill
- 1000g Scale
- Spatula
- 2 x 25 ml Beakers
- 1 liter Mixing Container
- Oven set to 103°C
- Wooden Cast
- Non-stick Foil
- Wax Paper
- Double Sided Tape
- Recycled Packing Paper
- Bubble Wrap
Procedure:

Select Ingredients

Weigh Ingredients

Mill Ingredients to Uniform Size

Oven Dry Samples

Test Recipes

Recipe Selection

Process:

Trial 1 Selection

Trial 2 Selection

Trial 3 Selection

Looking Back:

Upon completing this project certain modifications could be made before repeating this experiment. A nonstick mold surface would greatly improve extracting the containers. Also, we believe that higher baking temperatures would decrease the time required to make the product and give the finished container a harder surface.
Purpose:
The Enviropot is an environmentally friendly gardening container. As a starter container in greenhouses, it can be planted with its contents into a garden, minimizing plant damage caused by handling.

The Enviropot Recipe

Water (48%) + Milled Corn (38%) + Glycerol (10%) + Milled Fiber (4%) + Heat (103°C)

= The Enviropot