

Life Support

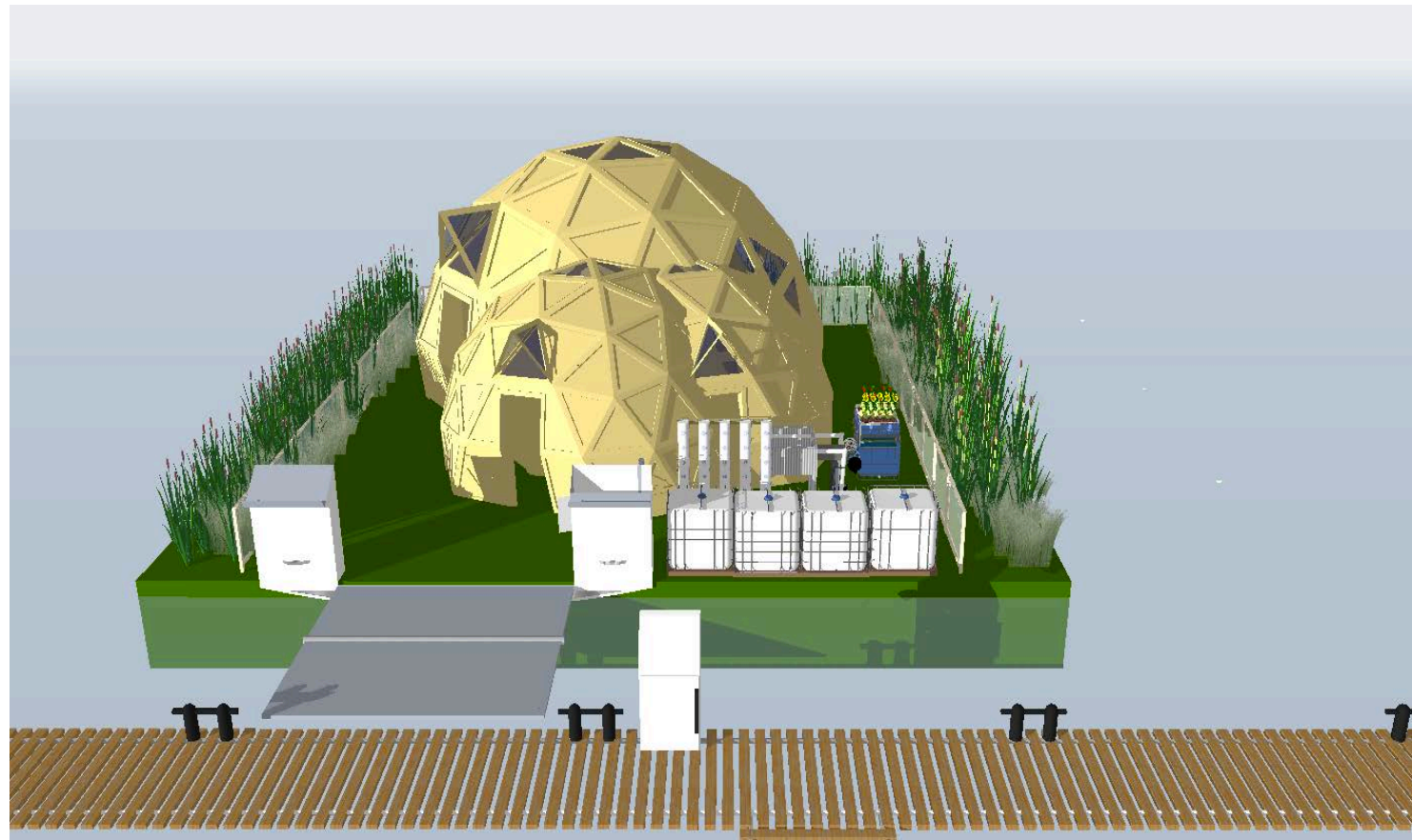
Team Food On Deck

Rebecca Denny, Heidi Otten, Joseph Trejo, and Gavin Zirkel

Wet Land

HUMBOLDT
STATE UNIVERSITY

Objective: Design an edible railing.



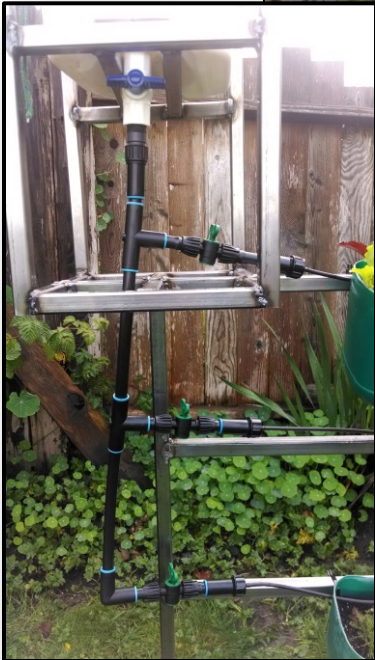


Criteria:

In order of importance:

- * Safety
- * Durability
- * Produce Production
- * Ease of Replication
- * Cost
- * Environmental Justice
- * Plant Locality
- * Ease of Maintenance
- * Level of Water Conservation
- * Educational Value
- * Aesthetically Pleasing

Life Support





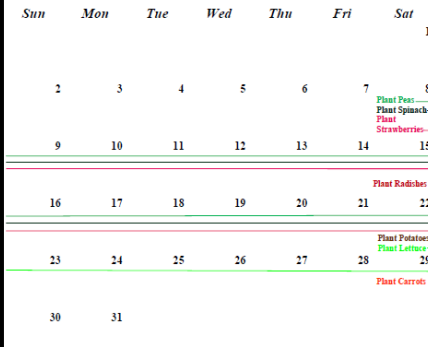
Plants

- * Beans
- * Peas
- * Cucumbers
- * Potatoes
- * Peppers
- * Tomatoes
- * Lettuce
- * Spinach
- * Strawberries
- * Radishes
- * Carrots

Planting Schedule

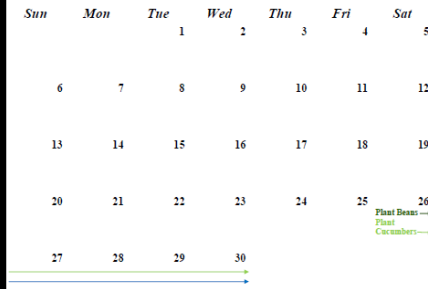
March

2014



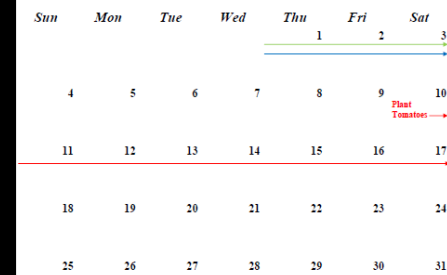
April

2014



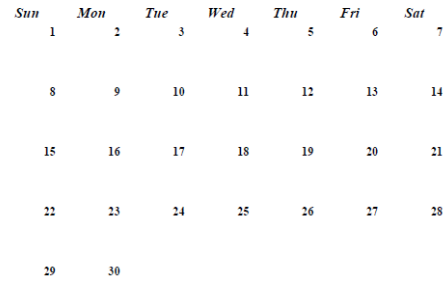
May

2014



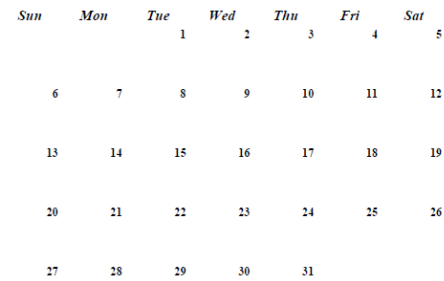
June

2014



July

2014



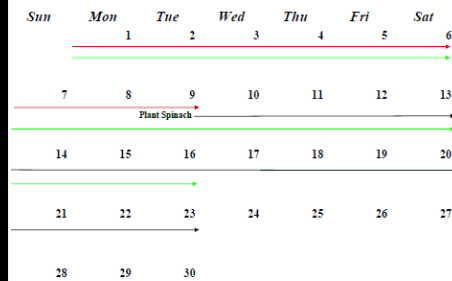
August

2014



September

2014

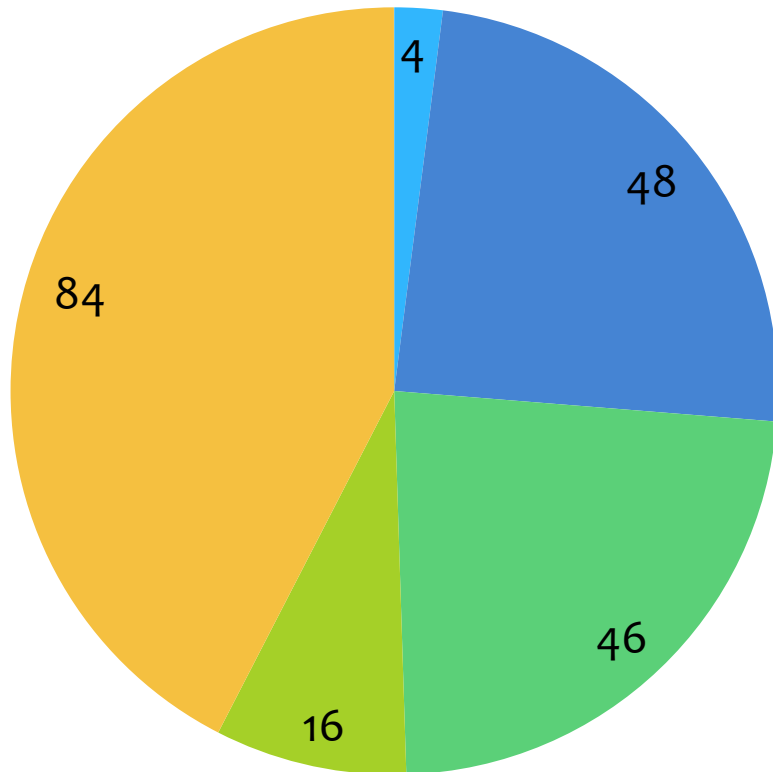


Costs (Dollars)

8-Foot Section Prototype: \$186.86

Section	Price per 8-Foot Section	Price for Whole Railing
Planters	\$20.00	\$165.00
Irrigation System	\$26.20	\$392.96
Soil System	\$15.00	\$225.00
Total	\$61.20	\$782.96

Costs (Hours)



- Phase 1: Defining the Problem
- Phase 2: Gathering Information
- Phase 3: Formulating Possible Solutions
- Phase 4: Selecting a Solution
- Phase 5: Implementing a Solution

Life Support





Special Thanks To:

- * **Marty Reed**, HSU Equipment Technician
- * **Yvonne and Mary** at Miller Farms Nursery
- * **Bailey** at Water Planet
- * **Rob** at A Fertile World