Vermicomposting
Bucket Contents

PAPER COMPOST

- Paper Towels
- Napkins
- Coffee Filters

No Food Compost

Bucket 1

COMPOST

- Vegetables
- Fruits
- Coffee Grounds (No Filters)
- Tea Bags (No Staples)
- Grains & Grain Products
- Egg Shells

No Greasy Foods, Fatty Foods or Nuts

Bucket 2
Inputs

Nitrogen / Carbon Source

Carbon Source
### Vermicomposting Feeding Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>OfS Food Weight</th>
<th>Gibbs Food Weight</th>
<th>Paper Weight (Gibbs + OfS)</th>
<th>Total Food Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-Nov</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>22-Nov</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>6 lbs 10.2 oz</td>
</tr>
<tr>
<td>29-Nov</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>7 lbs 2.4 oz</td>
</tr>
<tr>
<td>6-Dec</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>6 lbs 4 oz</td>
</tr>
<tr>
<td>16-Dec</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>12 lbs 5 oz</td>
</tr>
<tr>
<td>6-Jan</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>9 lbs 2.5 oz in each bin</td>
</tr>
<tr>
<td>17-Jan</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>24-Jan</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>8 lbs 8.8 oz in each bin</td>
</tr>
<tr>
<td>31-Jan</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>14.05 lbs in each bin</td>
</tr>
<tr>
<td>7-Feb</td>
<td>7.7 lbs</td>
<td>20.4 lbs</td>
<td>2.7 lbs</td>
<td>7.85 lbs in each bin</td>
</tr>
<tr>
<td>14-Feb</td>
<td>10.2 lbs</td>
<td>5.5 lbs</td>
<td>1.8 lbs</td>
<td>21.07 lbs (10.09 in each bin)</td>
</tr>
<tr>
<td>21-Feb</td>
<td>8.8 lbs</td>
<td>12.9 lbs</td>
<td>3.6 lbs</td>
<td>8.1 lbs in each bin</td>
</tr>
<tr>
<td>28-Feb</td>
<td>9.1 lbs</td>
<td>15.7 lbs</td>
<td>3.5 lbs</td>
<td>6 lbs 3.5 oz in each bin</td>
</tr>
<tr>
<td>7-Mar</td>
<td>6.6 lbs</td>
<td>6.1 lbs</td>
<td>4.6 lbs</td>
<td>6 lbs 3 oz in each bin</td>
</tr>
<tr>
<td>14-Mar</td>
<td>4.6 lbs</td>
<td>8 lbs</td>
<td>3.6 lbs</td>
<td>6.3 lbs in each bin</td>
</tr>
<tr>
<td>21-Mar</td>
<td>9.2 lbs</td>
<td>12.4 lbs</td>
<td>3.3 lbs</td>
<td>10.8 lbs in each bin</td>
</tr>
<tr>
<td>28-Mar</td>
<td>4.8 lbs</td>
<td>15.7 lbs</td>
<td>3.9 lbs</td>
<td>10.25 lbs in each bin</td>
</tr>
</tbody>
</table>

Food Waste = 218 lbs. 4.8 oz.

Vermicomposting

The Worms do the Work for you!

**WHY?**

**Aerators**
Worms add Oxygen for all the beneficial micro-organisms.

**Turners**
Like Tiny Plows, worms work throughout the material.

**Mixers**
Worms move all kinds of organisms and nutrients throughout the compost pile adding many small aggregates.

**Screeners**
Worms eat the bedding materials and the feed and turn it into a rich soil product.

**Accelerators**
Worms can eat 1/2 to all their weight per day. A 5'x8' large scale Flow-through system can process 100 lbs of food scraps per day and will produce 78-80 lbs of castings per day.

**Pathogen Controllers**
Worms inges and render useless, the "bad guys".
MSU Vermicomposting Facility
Vermicomposting Demonstration Space

10’x12’ Experimental/Harvest Space

3’x13’ Worm Composting Troft

3’x13’ Worm Composting Troft

3’x 40’ Season Extension Garden Beds
Questions?