

VermiCompost

By Isaias and Reece



This is a picture of us
moving the soil
around.

What is Vermi-Compost



By: Reece

**This is the
vermicompost**

The VermiCompost is when you take decomposable materials and red worms and it makes great and healthy soil. The worms eat the decomposable materials for energy and then their solid waste is the soil. With the soil it comes with healthy and nutrient full soil. You can use this soil for anything, from planting your crops to planting flowers. Vermi compost is healthy and safe to use.

How does VermiCompost work?

By: Reece

The VermiCompost starts with putting in red worms in the container. The Vermi Compost works best with red worms to have a successful fertilizer and soil. Next you find some food scraps and or paper, you can **not** use plastic bags or containers. After you have food and worms you put soil in and the food and worms on top of it. Next you spray distilled water on the soil and food, so it doesn't get dry. Finally, wait a few days and keep filling the container with food, and soon you'll have grade A soil.

Where is Vermi Compost used

By: Isaias



Vermicompost is used in greenhouses, farms and/or in your backyard. The materials used for vermicompost are worms, worm bins, food waste, and some shredded newspaper so the worms can make soil and we need that soil so we can plant plants. These materials are easy to get and therefore you can use them anywhere.

Why is Vermi Compost Used?

By: Reece



The VermiCompost is used to get rid of food and decomposable things in a safe and un-wasteful way. The VermiCompost can be used to make great soil. If you are making soil from Vermicompost you are not using any chemicals or any bad things for the environment. It is a very safe way to make soil. It also can be used for fertilizer.

Who would use Vermi Compost?

By: Isaias



Many people use vermicompost because the system works so well and the system gives you rich soil. Farmers would use vermicompost because it makes their soil rich and makes their crops grow faster. Also casual people would use it to grow plants. Another person who would use vermicompost are gardeners to grow crops and plant flowers.

What does VermiCompost look like in the WMS Greenhouse?

By: Isaias



The WMS vermicompost is really cool. There are containers filled with red wigglers. The containers have over 100 worms filled with scraps and leftovers. Also the containers gets sprayed with distilled water to keep the containers nice and moist.

What Measurements were taken?

By: Reece

These measurements were taken because we needed to keep track of what we gave the worms. Also we needed to keep track of how much food we used. If we didn't give them enough food they could die.

<u>Day</u>	<u>Measurements taken</u>
1	1,375 grams of food
2	140.8 grams of lettuce
3	328 grams of food
4	945.5 grams of food

What I did in the Greenhouse

By: Reece

This is a picture of the lettuce we gave the worms.



I did a lot of interesting and fun things in the greenhouse. The first thing I did was weighing and cutting the food for the worms. The next thing I did was record the measurements of the food we gave the worms. I also sprayed the compost with distilled water to keep the compost moist. Another thing I did was break newspaper and spray regular water in it. This is what I did in the greenhouse.

What I did in the greenhouse

By:Isaias

This is me cleaning the bottom of the compost.



The first thing I did was make a layer for the worms .To make the layer I put soil, worms and wet newspaper in the container and I wet the newspaper so . I also sprayed distilled water to keep the containers moist. I also took pictures. One other thing I had to do was go to the bottom layer and clean out the worms waste and extra soil.(I had gloves.)

Summary

By: Reece



We thought the vermicompost is a great, healthy, and safe way to make rich soil. The vermicompost is a wonderful way to recycle and not waste things we take for granted. It helps us save food and paper, two things we take for granted. We also thought it was a lot of fun to go through the process and make new layers, feed the worms, and finish with rich soil. These are our thoughts about the vermicompost. You should try it too!