



Powdery Mildew

Powdery mildew presents as a powdery dust or spots on the leaves of the plants. The coating blocks light penetrating the leaf and impacts its ability to breath. If left unchecked it will cover the leaves (top and underside), travel down the stem, change the leaves from green to yellow, harming the fruit and killing the plant. It spreads easily through the air and/or pests and pollinators.

Plants that are effected: Zucchini, Cucumber, Squash, and Melons. However, once established every plant is susceptible including house plants.

Steps:

1. If you see white spots/dust on the leaves of your plant let me know right away so we can keep the mildew manageable.
2. Plant more items from seeds. The greenhouses are constantly spraying to suppress mold and fungus. When we plant, it is no longer being suppressed and it can flourish.
3. DO NOT throw your diseased cuttings from plants into the open garbage bin outside the garden or in the compost bin. It needs to go in a bag. **Tied with all the plant material contained within the bag.** And go it needs to go in the garbage, at home would be better.
4. **IMPORTANT!** DO remember to fully clean your gloves and tools once you have removed diseased material, otherwise it will return.
5. Make a spray for the leaves and stems. Spray every 3-4 days until there are no signs of mildew in the garden.
 - a. 1 tbsp baking soda
 - b. 1 tsp dish soap
 - c. 1 gallon of water
 - d. Mix all ingredients in a spray bottle.
6. Plants that deter mildew. Or they are plants that deter pests that transfer mildew
 - a. Garlic
 - b. Onions
 - c. Herbs. Lots of herbs (except mint)

Here is an informative article regarding powdery mildew

<https://waytogrow.net/blogs/articles/stop-it-before-it-starts-powdery-mildew>

MI Gardener video about pruning zucchini which are usually the first to get Powdery Mildew

<https://www.youtube.com/watch?v=mqkpifoEUfc>

Pictures from the garden 2018



Jul 3-White spots on leaves
at the bottom of the picture

Aug 2 plant has been ravaged and the mildew is all the way to
the base of the plant and it needs to be removed