







WHAT IS SOIL?

The top layer of the earth composed of organic and inorganic material created over time in reaction to temperature and moisture working on parent material (bedrock).

Varies locally with conditions.

Read the **SOILS of NYS** handout from the home page.

5

Factors in Soil Analysis

- Texture grain size of soil (sand-silt-clay ratio)
- Structure the way soil particles hold together
- Drainage the way water is retained
- pH soil acidity and the ability of roots to absorb nutrients
- Soil profile the layers (horizons) of a soil

6

























Weather and Crops	
 The National Agricultural Statistics Service (NASS) of the US Dept of Agriculture (USDA) issues weekly Crop Progress and Conditions Reports for every state during the growing season. Weather conditions (too wet; too dry; too cold; too warm) affect all stages of the agricultural process (crop planting, growing, harvesting; raising of poultry and livestock). Weather conditions will influence quality, yield and price of the commodity. 	Image: State
	April 15, 2018 New York Yorkity: Vanders Kannange Internet Watch Watcher Kannange New Yorkity:
<u>York/Publications/Crop_Progress_&_Condition/ind</u> ex.php Weather and Crop Conditions	NECON 0 1 2 2 4 114 2 23 45 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4





























