Compost Pile Troubleshooting

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Possible Causes	Solutions
- Not enough nitrogen	- Mix in coffee grounds, food scraps, grass clippings, manure - Mix in
- Too dry	water so pile is *50% moisture; cover to retain moisture - Mix in
- Too wet carbo mater - Pile too small to retain heat organ - Material too course or fine** - Mix	carbon (leaves, paper, woody materials; cover when raining - Add
	organics so pile is >3x3x3 feet - Mix in different-sized materials
	- It's time to use the compost!
Nothing decomposes - Material too woody	- Chip wood to <2 inches
- Pile too small	 Shred or chip to <2 inches Build pile >3x3x3 feet
 Not enough carbon Not enough nitrogen Not enough moisture 	 Add shredded leaves, paper - Add coffee grounds, food scraps,
	grass, manure - Mix in water to 50%
- Food waste exposed	- Cover food waste with carbon
Pile too hot - Temperature above 160F, killing some beneficial microbes - Too much nitrogen	- Turn pile to cool it
	- Mix in carbonaceous material
 Too many grass clippings, or clumped together Too much food scraps or manure Not enough oxygen 	 Tear apart clumps and mix thoroughly with carbon materials Mix thoroughly with more carbon - Turn pile to add oxygen add coarse material
Rotten or sulfurous odor- Too much food scraps or grass, or clumped together - Too wet - Particles too small	- Tear apart clumps and mix thoroughly with carbon materials -
	Mix in carbon; cover when raining
	 Not enough nitrogen Too dry Too wet Pile too small to retain heat Material too course or fine** Pile has finished composting Material too woody Particle size too large Pile too small Not enough carbon Not enough nitrogen Not enough moisture Food waste exposed Temperature above 160F, killing some beneficial microbes Too much nitrogen Too many grass clippings, or clumped together Not enough oxygen

*50% moisture level in pile: determine by grabbing a handful of material and squeezing it. When you open your hand, the material should stay clumped together but not have moisture dripping out. If the material crumbles, it is too dry. **Too much coarse material can make the pile dry; too much fine material will not allow oxygen to circulate in the pile.