

Name _____ Date _____

Methane Digester

Instructions: Watch the methane digester video and use the terms from the word bank to complete each statement.

Word Bank				
bacteria	manure	fertilizer	100°F	traps
1 gallon	3 weeks	methane	electricity	odor
	anaerobic	methane digester		

1. The waste of ruminant farm animals creates a gas called _____.
2. Another word for animal waste that is used for fertilizer is _____.
3. On average, hogs create more than _____ of manure each day.
4. A _____ captures methane from a manure pit and uses it as fuel to generate electricity or heat.
5. The digester is heated to about _____.
6. _____ break down the manure and release methane gas.
7. This process takes about _____.
8. The pit _____ the methane in an oxygen-free environment.
9. The methane is used to produce _____.
10. Methane digesters are also known as _____ digesters.
11. Livestock manure is used as _____ for crop agriculture.
12. Methane-free manure does not have an offensive _____.