



OREGON STATE UNIVERSITY
EXTENSION SERVICE

Master Gardener™ Program

NAME: _____

SOILS AND FERTILIZERS CHAPTERS 2 & 5

References: (1) MG Sustainable Gardening Handbook, Chapter 2
 (2) MG Sustainable Gardening Handbook, Chapter 5

1. The action most likely to benefit all soils would be adding:
 - a. sand
 - b. gypsum
 - c. organic matter
 - d. nitrogen

Reference:

Page Number:

2. A foul smell from a compost pile might be traced to:
 - a. aerobic decomposition
 - b. presence of maggots
 - c. excess water
 - d. insufficient lime

Reference:

Page Number:

3. Many garden crops perform best in soil that:
 - a. is alkaline
 - b. is slightly acid
 - c. has a pH range of 4.0 to 5.0
 - d. has a pH range of 5.5 to 7.5

Reference:

Page Number:

4. The organic fertilizer with the highest nitrogen content would be:

- a. blood meal
- a. bone meal
- b. wood ashes
- c. rock phosphate

Reference:

Page Number:

5. If it is recommended that you apply nitrogen (N) at a rate of one pound of N per 1,000 square feet of vegetable garden, how much 5-10-10 fertilizer will need to be applied to a 20' by 25' garden plot?

- a. 1 pound of 5-10-10
- b. 5 pounds of 5-10-10
- c. 10 pounds of 5-10-10
- d. 20 pounds of 5-10-10

Reference:

Page Number:

6. In these organic fertilizers, the 3 containing the highest sources of Nitrogen would be:

- a. kelp meal, greens, bone meal
- b. bone meal, bat guano, blood meal
- c. fish meal, alfalfa, blood meal
- d. fish meal, bat guano, blood meal

Reference:

Page Number:

7. Fertilizer labels list the:

- a. micronutrients in the product
- b. price of the product
- c. amount of each of the three primary nutrients
- d. micronutrients and the price

Reference:

Page Number: