



Master Gardener Level 1 – 2019 Growing Vegetables Study Guide

1. Name several reasons why it is important to plan your garden. How about in selecting a site for a new garden?
2. With the soil texture that you have, when should you do most of the rototilling? What can happen if you over-till or till at the wrong time?
3. Why is it important to keep a journal for your garden? What things would you document?
4. If you have a seed packet left over from last year, how can you tell what percent of the seed will germinate? Describe the process.
5. Describe what “days to maturity” means on a seed packet. Is it always from direct seeding?
6. Explain what happens when a corn seed packet says “85 days,” and you started it 90 days ago, but it still is not ripe.
7. How many frost free days do they have in Billings (this may require you to find the information on the Yard and Garden website through MSU Extension) When would you plant peas there? When would you transplant tomatoes in Billings?

8. How many inches of water does a vegetable garden need each week after it is established?
How would you promote deep root growth?

9. Describe intercropping and succession planting.

10. Name 4 ways to extend the growing season.

11. Why is garden rotation important? What are 3 rotation schemes? If you have a vegetable garden, develop a rotation scheme for the next 3 years (you might want to put this in your journal).

12. Why use transplants? In general, what should transplants look like? You decide that you are growing your own transplants from seed indoors, describe the growing media, light requirements, and how you might water them.

13. How are vegetables classified? Name a vegetable for each classification. Why would you plant eggplant in early March? (o.k. trick question—to kill it of course! Yuck!)

14. What causes the brown sunken areas on tomatoes and peppers? What would you recommend to someone who is having this problem?

15. T or F You should only use certified seed potatoes in Montana. Why or why not?