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MASTER GARDENER HOMEWORK DUE AUGUST 16, 2010

"Fruits, Nuts and Berries for N. TX Gardens/Landscapes," Dr. Larry Stein, Texas AgriLife Extension Service, and
"Vegetables for N. TX Gardeners," Dr. Jerry Parsons, retired Horticulturist, Texas AgriLife Extension Service

Reading Assignment: **Texas Master Gardener Handbook**, Pages 5-1 to 5-48; and pages 6-1 to 6-43 and 6-48 to 6-82
And **Lone Star Gardening**: *"Keep Tomatoes Coming Longer"*

1. When selecting a planting site for fruit trees, good air _____ is essential and adequate _____ is the most important soil characteristic. The key to maximizing fruit production is plentiful _____.
2. When answering calls at the telephone desk there are many questions on fruit and nut pollination. It is important to know which fruit and nut trees and plants require at least two varieties to be planted together for cross- pollination. List five of them.
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____ (2 points each)
3. Major pruning of fruit trees should be done during the _____
_____.
4. How much water do vegetable crops need per week during growth? (circle one)
 - A. Rainfall is usually adequate in Dallas County.
 - B. 1 inch rain or irrigation.
 - C. 2-4 inches rain or irrigation.
 - D. 5-6 inches rain or irrigation.
5. The need to add water to a vegetable garden may be reduced by first adding _____ - _____ to the soil and by using a 4- to 6-inch layer of organic _____.
6. One of the best ways to water a garden is with a _____ system.
7. On container gardens, water until it runs through _____.

8. The *pH* scale measures how acidic or basic a substance is. The *pH* scale ranges from 0 to 14. A *pH* of 7.0 is neutral. Soil is considered acidic if the *pH* is _____ 7.0. Alkaline soil has a *pH* that is _____ 7.0.
9. The best time to plant tomatoes for the spring is from _____ through early _____, when the soil temperature is consistently above, _____.
10. To plant tomatoes for late summer and fall, start around the first of _____ with heat-tolerant cultivars such as _____, _____ or _____.