

# Soils and Fertilizers



## Review questions

1. Explain why good soil structure is important to gardeners.
  
2. Mark each of the following statements as True (T) or False (F).\*
  - Clay loam soil is unable to hold enough water for good plant growth.
  - Clay loam soil remains cool and wet late into the spring.
  - Clay loam soil stays warm late into the fall.
  - Clay loam soil needs drainage improvement.
  - Clay loam soil takes more lime to correct an acidity problem than would a sandy loam.
3. A client has cold, wet soil. List two problems that are likely to occur in his garden.

What could you recommend to help alleviate these problems?

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\*You may need to use other chapters, additional reference materials, or your own experience to answer this question fully.

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4. A house was built on a parcel of land that previously was covered with brush. The land was cleared, and the debris and much of the topsoil were removed from the site. List two soil problems the homeowner is likely to have in this situation.\*

What could you recommend to help with these problems?\*

5. Soil abounds with life. Why is this life important in a practical way to gardeners?
6. Why should you add organic matter to your garden soil?
7. A gardener mulches her vegetable garden with straw just after planting some young transplants. A short time later, she observes that the leaves of the plants are turning yellow. What is one possible nutrient-related cause of the yellowing? How would you advise her to correct the problem?

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\*You may need to use other chapters, additional reference materials, or your own experience to answer this question fully.