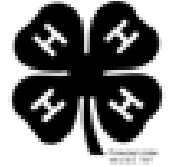




Soil and Land Evaluation Skills Checklist



Member's Name _____

After completing these Soil and Land Evaluation skills, students should be able to evaluate soil and land, recommend land treatments and complete the scorecards for soil/land and homesite evaluation. This knowledge will provide a solid groundwork upon which the student may build. To achieve success in this curriculum the skills listed below will help leaders and advisors know what to teach and the students to know what they need to learn. Have your leader or advisor initial and date each skill as completed.

	Date Completed	Approved By
1. Match terms associated with soil and land evaluation to the correct definitions.	_____	_____
2. List three reasons for soil and land evaluation.	_____	_____
3. Select factors considered in determining land capability class.	_____	_____
4. Name the five major groups of soil in relation to texture.	_____	_____
5. Discuss determining soil texture by feel using Thien's analysis chart.	_____	_____
6. Determine correctly 5 out of 10 unknown soil textures by feel.	_____	_____
7. Match the different variations of permeability, depth, slope, erosion, surface runoff, drainage, and climate to the identifying characteristics of each.	_____	_____
8. Match the land capability class to the correct description.	_____	_____
9. Select, when given six land factors, the best land class possible for the specified field.	_____	_____
10. Select the recommended vegetative land treatments when given the land capability class.	_____	_____
11. Select the recommended mechanical land treatments when given the land capability class.	_____	_____
12. Select the correct fertilizer and soil amendments needed from soil test information provided.	_____	_____
13. Select factors considered in homesite evaluation.	_____	_____
14. Match the variations of permeability, slope, erosion, runoff, shrink-swell, water table and flooding to the correct definitions for homesite evaluation.	_____	_____
15. Select, when given land factors, the degree of limitation for foundations without basement; lawns, shrubs and gardens; septic systems; and lagoon sewage systems.	_____	_____
16. Demonstrate the ability to:		
a. Complete a land evaluation scorecard when given the characteristics of a field.	_____	_____
b. Complete a homesite evaluation scorecard when given the characteristics of a field.	_____	_____