

Soils Practicum Score Card

A. Slope	
Nearly Level	1
Very Gentle	2
Gentle	3
Sloping	4
Strongly Sloping	5
Steep	6
Very Steep	7
B. Topsoil Thickness	Actual Topsoil Thickness
Extremely Thick	1
Very Thick	2
Thick	3
Moderate	4
Thin	5
C. Erosion	
None/ Slight	1
Moderate	2
Severe	3
D. Topsoil Texture	
Fine	1
Medium	2
Coarse	3
E. Permeability of Subsoil	
Rapid	1
Moderate	2
Slow	3
F. Drainage	
Excessively Well Drained	1
Well-drained	2
Moderate	3
Somewhat poor	4
Poor	5
Very Poor	6
G. Effective Depth	
Deep	1
Moderate	2
Shallow	3
Very Shallow	4

	N	1	2	3	4	6
Slope						
Topsoil Thickness						
Erosion						
Topsoil Texture						
Permeability of Subsoil						
Drainage						
Effective Depth						
Combination of Characteristics						

Vegetative Practices

1. ___ Use conserving/improving crops occasionally
2. ___ Use conserving/improving crops frequently (1/2 yrs.)
3. ___ Use conserving/improving crops very frequently (2/3 yrs.)
4. ___ Use conserving/improving crops most of the time (3/4 yrs.)
5. ___ Prevent Residue burning
6. ___ Mulch with crop residue
7. ___ Use strip crops
8. ___ Use crop rotation
9. ___ Control Weeds, brush and trees
10. ___ Establish recommended grass/legumes
11. ___ Improve present stand of pasture
12. ___ Control grazing
13. ___ Fence the pasture
14. ___ Use artificial reforestation
15. ___ Use natural reforestation
16. ___ Use prescribed burn occasionally
17. ___ Protect trees from wildfire
18. ___ Control forest insects & disease
19. ___ Protect trees from animal damage
20. ___ Control undesirable species
21. ___ Harvest trees by clear cutting
22. ___ Harvest trees by selective cutting

Mechanical Practices

23. ___ Terrace the field
24. ___ Maintain field terraces
25. ___ Establish vegetative waterways
26. ___ Construct diversion terraces
27. ___ Plow and cultivate on the contour
28. ___ Control existing gullies

Plant Nutrients

29. ___ Apply lime pH _____
30. ___ Apply manure _____
31. ___ Apply nitrogen _____
32. ___ Apply phosphorous _____
33. ___ Apply potash _____

Original Topsoil thickness _____

Land Capability Class: _____

Recommended Land Use: _____