

Land Judging Scorecard

Participant #:

Name:

Field #:

PART ONE - SOIL CHARACTERISTICS

(Place an X in the proper square)

The Surface Layer - (Top 6 inches)

- TEXTURE**
- Sandy
 Loamy
 Clayey

- STRUCTURE**
- Single Grain
 Granular
 Blocky
 Platy
 Massive

- CONSISTENCE**
- Loose
 Friable
 Firm

- EROSION**
- None to slight
 Moderate
 Severe

Subtotal

The Subsurface Layer

- TEXTURE**
- Sandy
 Loamy
 Clayey

- STRUCTURE**
- Single Grain
 Granular
 Blocky
 Platy
 Massive

- CONSISTENCE (MOIST)**
- Loose
 Friable
 Firm
 Very Firm

- CONSISTENCE (WET)**
- Non-Sticky
 Sticky
 Very Sticky

- PERMEABILITY**
- Rapid
 Moderate
 Slow
 Very Slow

- DEPTH TO LIMITING LAYER**
- Very Shallow (<12")
 Shallow (12-24")
 Moderately Deep (24-36")
 Deep (>36")

Subtotal

Total Soil Characteristics

- SLOPE**
- 0-2% Nearly level
 2-6% Gently sloping
 6-10% Sloping
 10-15% Strongly sloping
 15-25% Steep
 25% + Very steep

- DRAINAGE**
- Well
 Moderately Well
 Somewhat Poorly
 Poorly
 Very Poorly

- FLOODING**
- No hazard
 Potential hazard
 In flood plain

- SURFACE WATER REMOVAL**
- Rapid
 Moderate
 Slow
 Very slow

Subtotal

Score Part 1
Max Points = 43

PART TWO - LAND CAPABILITY CLASS

(Place an X in the proper square)

- I IIe IIs IIw IIIe IIIs IIIw IVe IVs IVw VIe VI s VIIe VIIs VIII

Score Part 2
Max Points = 10

PART THREE - RECOMMENDED LAND TREATMENTS

(Select treatments and write the number of each treatment in the boxes below, beginning on the left side)

Tillage Systems

1. Conventional tillage, conserve crop residue
2. Conservation tillage, manage crop residue
3. Long-Term No Till

Conservation Cropping Systems

4. Row crop each year
5. Soil conserving crop 1 year in 4
6. Soil conserving crop 1 year in 3
7. Soil conserving crop 1 year in 2
8. Soil conserving crop 2 years in 3
9. Soil conserving crop 3 years in 4

Supporting Practices

10. Contour farming
11. Strip cropping
12. Terrace and maintain terraces
13. Construct diversion
14. Establish grassed waterway
15. Establish field border
16. Establish windbreak
17. Install water table control
18. Install surface water management
19. Stabilize sediment source areas
20. Establish recommended grass and/or legumes

21. Plant recommended trees

Management Practices

22. Remove obstructions
23. Control grazing
24. Proper pasture management
25. Improve tree stand
26. Woodland protection
27. Harvest trees using recommended method

Score Part 3
Max Points = 27

PART FOUR - URBAN USES

The soil characteristics judged in PART ONE determine the limitations of a soil for urban uses. Rate each site as to the soil limitations of slight, moderate and severe for each urban use listed below. (CHECK APPROPRIATE COLUMN)

SOIL LIMITATIONS	URBAN USES				
	Septic Systems	Basements	Foundations	Sanitary Landfills	Landscaping
Slight					
Moderate					
Severe					

Score Part 4
Max Points = 15

Special Environmental Concerns
(from back) Max Points = 5

TOTAL SCORE
Max Points = 100

Special Environmental Concerns

Check True or False for each of the following statements:

- | | | |
|---------|---------|--|
| T _____ | F _____ | 1. This appears to be a hydric soil. Check with authorities before draining and/or clearing site. |
| T _____ | F _____ | 2. Risk of groundwater contamination when wet (from soluble nutrients and/or certain pesticides). |
| T _____ | F _____ | 3. Deep leaching of soluble nutrients may restrict rates of animal or municipal waste application. |
| T _____ | F _____ | 4. Proximity to water body may restrict application of certain pesticides and waste materials. |
| T _____ | F _____ | 5. High risk of off-site damage from eroding sediments if vegetative cover is destroyed or absent. |

Special Environmental Concerns Score

Max Points = 5

(Transfer this score to bottom front of scorecard)