

LAND JUDGING SCORE CARD

Name Field No.

Indicate your answer by an X in the

LAND CHARACTERISTICS - PART ONE

SURFACE TEXTURE

- Sandy
- Loamy
- Clayey
- (Organic)

ORGANIC MATTER (SURFACE SOIL)

- High
- Medium
- Low

THICKNESS OF ROOTING ZONE

- Thin
- Thick
- Very Thick

MOVEMENT OF AIR AND WATER IN THE SOIL (PERMEABILITY)

- Rapid
- Moderate
- Slow

SLOPE

- A Nearly level
- B Gently sloping
- C Moderately sloping
- D Strongly sloping
- E Steep
- F Very steep

EROSION - WIND AND WATER

- None to slight
- Moderate
- Severe
- Very severe

DRAINAGE

- Poor
- Somewhat poor
- Moderately well or well
- Excessive

FACTORS DETERMINING LAND CLASS

- Texture
- Organic matter
- Thickness of rooting zone
- Permeability
- Slope
- Erosion
- Drainage

LAND CAPABILITY CLASS

I II III IV V VI VII VIII

Circle one of the above

SOIL ORDER

- | | |
|---|---|
| Alfisol <input type="checkbox"/> | Mollisol <input type="checkbox"/> |
| Aridisol <input type="checkbox"/> | Oxisol <input type="checkbox"/> |
| Entisol <input type="checkbox"/> | Spodosol <input type="checkbox"/> |
| Histosol <input type="checkbox"/> | Ultisol <input type="checkbox"/> |
| Inceptisol <input type="checkbox"/> | Vertisol <input type="checkbox"/> |

CONSERVATION PRACTICES - PART TWO

VEGETATIVE

Use soil conserving and improving crops:

- 1. Every year between cash crops.
- 2. Every other year.
- 3. Two years out of three.
- 4. Three years out of four.
- 5. Contour strip cropping.
- 6. Manage crop residue.
- 7. Use sod-based rotation.
- 8. Wind strip cropping.
- 9. Use field windbreaks.
- 10. Control noxious plants.
- 11. Establish recommended grasses and/or legumes.
- 12. Manage pasture or range properly.
- 13. Protect from wildfire.
- 14. Plant recommended trees.
- 15. Harvest trees selectively.
- 16. Use for wildlife or recreational area.
- 17.

MECHANICAL

- 18. Terrace.
- 19. Farm on the contour.
- 20. Maintain terraces.
- 21. Construct diversion terraces.
- 22. Develop waterways.
- 23. Install water control system.
- 24. Control gullies.
- 25. Subsoil.
- 26.

FERTILIZER & SOIL AMENDMENTS

- 27. Lime.
- 28. Nitrogen.
- 29. Phosphorus.
- 30. Potassium.
- 31. One micronutrient.
- 32. Two or more micronutrients.
- 33.

SCORE PART I

SCORE PART II

TOTAL SCORE