

State Key
2008

CONDITIONS OF FIELD FOR LAND JUDGING

Field #1

1. Assumed soil test. pH 5.3 Phosphate L Potash L
2. Pay no attention to practices on field.
3. Thickness of original top soil was 17"
4. Field to consider is 35 Acres Cultivated
5. Consider the most (intensive) (best use) of the land.
6. Other conditions are Soybean Farm / Joins woods & Road / Intrest.
7. Use 13 Practices in Part II. in wildlife would like to attract
Quail

Field #2

1. Assumed soil test. pH 6.0 Phosphate VL Potash VL
2. Pay no attention to practices on field.
3. Thickness of original top soil was 9"
4. Field to consider is 75 Acres Bahiagrass
5. Consider the most (intensive) (best use) of the land.
6. Other conditions are Beef Cattle Farm / NO water / Joins woods /
7. Use 10 Practices in Part II. needs winter grazing

Field #3

1. Assumed soil test. pH 4.5 Phosphate VL Potash VL
2. Pay no attention to practices on field.
3. Thickness of original top soil was 26"
4. Field to consider is 100 Acres Hay Land
5. Consider the most (intensive) (best use) of the land.
6. Other conditions are bordered by woods & Road / Desires coastal Bermuda
7. Use 10 Practices in Part II. will also manage for Deer & Turkey

Field #4

1. Assumed soil test. pH 4.0 Phosphate M Potash M
2. Pay no attention to practices on field.
3. Thickness of original top soil was _____
4. Field to consider is 130 Acres Peanuts
5. Consider the most (intensive) (best use) of the land.
6. Other conditions are Boardered by woods & Road
7. Use 10 Practices in Part II.

Group No. _____ Field No. 1
 Indicate answer by X in the square with number

SOIL JUDGING SCORE CARD

State 2008

CONTESTANT NUMBER _____

Part I Land Class Factors

A. SLOPE

- 4
- 1. Nearly level
 - 2. Gently sloping
 - 3. Sloping
 - 4. Strongly sloping
 - 5. Moderately steep
 - 6. Steep
 - 7. Very steep

39%

B. EROSION -WIND & WATER

- 3
- 1. Alluvial or Colluvial deposits
 - 2. None to slight
 - 3. Moderate
 - 4. Severe
 - 5. Very severe/Gullied

17" N
17" O

C. ROOTING DEPTH

- 3
- 1. Deep
 - 2. Moderately deep
 - 3. Shallow
 - 4. Very shallow

D. SURFACE TEXTURE

- 3
- 1. Coarse
 - 2. Light
 - 3. Medium
 - 4. Fine

E. PERMEABILITY

- 3
- 1. Very rapid
 - 2. Rapid
 - 3. Moderate
 - 4. Slow

F. DRAINAGE

- 5
- 1. Excessive
 - 2. Good
 - 3. Fair
 - 4. Poor
 - 5. Very poor

G. Major Factors- Considered in selecting Land Capability

- 2
2
- 1. Slope
 - 2. Erosion
 - 3. Depth
 - 4. Texture
 - 5. Permeability
 - 6. Drainage

H. LAND CAPABILITY CLASS AND SUBCLASS IF NEEDED

- 5
- 1. Class I
 - 2. Class II
 - 3. Class III
 - 4. Class IV
 - 5. Class V
 - 6. Class VI
 - 7. Class VII
 - 8. Class VIII
- E
 - S
 - W

Part II

Recommended Land Treatments---Needed for different land capability classes

Score

2

USE

- 1. Cultivated cropland
- 2. Pastureland
- 3. Hayland (Perennials)
- 4. Forestland
- 5. Wildlife land

VEGETATIVE

2

2

4

2

- 6. Conservation crop rotation
- 7. Establish strips for wind erosion control
- 8. Do not burn crop residue
- 9. Conservation tillage
- 10. Plant wildlife food strips and/or plots
- 11. Conservation buffer
- 12. Re-establish pasture & / or repair
- 13. Mow or spray pasture or perennials for weed control
- 14. Topseed winter annuals on pasture
- 15. Control grazing
- 16. Thin trees selectively
- 17. Clear-cut and plant to trees
- 18. Pest management
- 19. Planting of native grasses, legumes, and shrubs
- 20. Early successional habitat development/management
- 21. Hedgerow establishment
- 22. Tree planting for wildlife habitat
- 23. Thinning of forestland for wildlife habitat

2

2

2

MECHANICAL

4

2

- 24. Farm on contour
- 25. Terrace and farm on contour
- 26. Establish grassed waterways
- 27. Establish drainage system
- 28. Provide water facilities for livestock
- 29. Establish fire breaks
- 30. Control brush or trees
- 31. Control burn
- 32. Streamside management zone

LIME AND FERTILIZER

2

2

2

- 33. Apply limestone
- 34. Apply nitrogen
- 35. Apply phosphate
- 36. Apply potash

SCORE PART I
 _____ (Possible 30)

SCORE PART II
 _____ (Possible 30)

TOTAL SCORE
 (Possible 60) _____

SOIL JUDGING SCORE CARD

CONTESTANT NUMBER _____

Part I Land Class Factors

A. SLOPE

- 3
- 1. Nearly level
 - 2. Gently sloping
 - 3. Sloping
 - 4. Strongly sloping
 - 5. Moderately steep
 - 6. Steep
 - 7. Very steep

B. EROSION -WIND & WATER

- 3
- 1. Alluvial or Colluvial deposits
 - 2. None to slight
 - 3. Moderate
 - 4. Severe
 - 5. Very severe/Gullied

C. ROOTING DEPTH

- 3
- 1. Deep
 - 2. Moderately deep
 - 3. Shallow
 - 4. Very shallow

D. SURFACE TEXTURE

- 3
- 1. Coarse
 - 2. Light
 - 3. Medium
 - 4. Fine

E. PERMEABILITY

- 5
- 1. Very rapid
 - 2. Rapid
 - 3. Moderate
 - 4. Slow

F. DRAINAGE

- 4
- 1. Excessive
 - 2. Good
 - 3. Fair
 - 4. Poor
 - 5. Very poor

G. Major Factors- Considered in selecting Land Capability

- 3
- 1. Slope
 - 2. Erosion
 - 3. Depth
 - 4. Texture
 - 5. Permeability
 - 6. Drainage

H. LAND CAPABILITY CLASS AND SUBCLASS IF NEEDED

- 6
- 1. Class I
 - 2. Class II
 - 3. Class III
 - 4. Class IV
 - 5. Class V
 - 6. Class VI
 - 7. Class VII
 - 8. Class VIII
- E
 S
 W

Part II

Score

3

3

3

3

3

3

3

3

3

3

Recommended Land Treatments—Needed for different land capability classes

USE

- 1. Cultivated cropland
- 2. Pastureland
- 3. Hayland (Perennials)
- 4. Forestland
- 5. Wildlife land

VEGETATIVE

- 6. Conservation crop rotation
- 7. Establish strips for wind erosion control
- 8. Do not burn crop residue
- 9. Conservation tillage
- 10. Plant wildlife food strips and/or plots
- 11. Conservation buffer
- 12. Re-establish pasture & / or repair
- 13. Mow or spray pasture or perennials for weed control
- 14. Topseed winter annuals on pasture
- 15. Control grazing
- 16. Thin trees selectively
- 17. Clear-cut and plant to trees
- 18. Pest management
- 19. Planting of native grasses, legumes, and shrubs
- 20. Early successional habitat development/management
- 21. Hedgerow establishment
- 22. Tree planting for wildlife habitat
- 23. Thinning of forestland for wildlife habitat

MECHANICAL

- 24. Farm on contour
- 25. Terrace and farm on contour
- 26. Establish grassed waterways
- 27. Establish drainage system
- 28. Provide water facilities for livestock
- 29. Establish fire breaks
- 30. Control brush or trees
- 31. Control burn
- 32. Streamside management zone

LIME AND FERTILIZER

- 33. Apply limestone
- 34. Apply nitrogen
- 35. Apply phosphate
- 36. Apply potash

SCORE PART I _____ (Possible 30)

SCORE PART II _____ (Possible 30)

TOTAL SCORE (Possible 60) _____

SOIL JUDGING SCORE CARD

CONTESTANT NUMBER _____

Part I Land Class Factors

A. SLOPE

- 1. Nearly level
- 2. Gently sloping
- 3. Sloping
- 4. Strongly sloping
- 5. Moderately steep
- 6. Steep
- 7. Very steep

4

B. EROSION -WIND & WATER

- 1. Alluvial or Colluvial deposits
- 2. None to slight
- 3. Moderate
- 4. Severe
- 5. Very severe/Gullied

3

C. ROOTING DEPTH

- 1. Deep
- 2. Moderately deep
- 3. Shallow
- 4. Very shallow

3

D. SURFACE TEXTURE

- 1. Coarse
- 2. Light
- 3. Medium
- 4. Fine

3.5

E. PERMEABILITY

- 1. Very rapid
- 2. Rapid
- 3. Moderate
- 4. Slow

5

F. DRAINAGE

- 1. Excessive
- 2. Good
- 3. Fair
- 4. Poor
- 5. Very poor

4

**G. Major Factors-
 Considered in selecting Land
 Capability**

- 1. Slope
- 2. Erosion
- 3. Depth
- 4. Texture
- 5. Permeability
- 6. Drainage

3

**H. LAND CAPABILITY CLASS
 AND SUBCLASS IF NEEDED**

- 1. Class I
 - 2. Class II
 - 3. Class III
 - 4. Class IV
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 - 6. Class VI
 - 7. Class VII
 - 8. Class VIII
- E
 S
 W

5

Part II

Recommended Land
 Treatments---Needed for
 different land capability
 classes

Score

USE

- 1. Cultivated cropland
- 2. Pastureland
- 3. Hayland (Perennials)
- 4. Forestland
- 5. Wildlife land

4

VEGETATIVE

- 6. Conservation crop rotation
- 7. Establish strips for wind erosion control
- 8. Do not burn crop residue
- 9. Conservation tillage
- 10. Plant wildlife food strips and/or plots
- 11. Conservation buffer
- 12. Re-establish pasture & / or repair
- 13. Mow or spray pasture or perennials for weed control
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- 22. Tree planting for wildlife habitat
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3

3

3

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- 24. Farm on contour
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- 29. Establish fire breaks
- 30. Control brush or trees
- 31. Control burn
- 32. Streamside management zone

LIME AND FERTILIZER

- 33. Apply limestone
- 34. Apply nitrogen
- 35. Apply phosphate
- 36. Apply potash

3
3
3
3
3

SCORE PART I
 _____ (Possible 30)

SCORE PART II
 _____ Possible 30)

TOTAL SCORE
 (Possible 60) _____

SOIL JUDGING SCORE CARD

CONTESTANT NUMBER _____

Part I Land Class Factors

- 3** **A. SLOPE**
- 1. Nearly level
 - 2. Gently sloping
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 - 7. Very steep

- 2** **B. EROSION -WIND & WATER**
- 1. Alluvial or Colluvial deposits
 - 2. None to slight
 - 3. Moderate
 - 4. Severe
 - 5. Very severe/Gullied

- 3** **C. ROOTING DEPTH**
- 1. Deep
 - 2. Moderately deep
 - 3. Shallow
 - 4. Very shallow

- 4** **D. SURFACE TEXTURE**
- 1. Coarse
 - 2. Light
 - 3. Medium
 - 4. Fine

- 4** **E. PERMEABILITY**
- 1. Very rapid
 - 2. Rapid
 - 3. Moderate
 - 4. Slow

- 5** **F. DRAINAGE**
- 1. Excessive
 - 2. Good
 - 3. Fair
 - 4. Poor
 - 5. Very poor

- 4** **G. Major Factors- Considered in selecting Land Capability**
- 1. Slope
 - 2. Erosion
 - 3. Depth
 - 4. Texture
 - 5. Permeability
 - 6. Drainage

- 5** **H. LAND CAPABILITY CLASS AND SUBCLASS IF NEEDED**
- 1. Class I
 - 2. Class II
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 - 8. Class VIII
- E
 - S
 - W

Part II

Recommended Land Treatments---Needed for different land capability classes

Score

3

USE

- 1. Cultivated cropland
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- 4. Forestland
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VEGETATIVE

- 6. Conservation crop rotation
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- 29. Establish fire breaks
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- 32. Streamside management zone

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LIME AND FERTILIZER

- 33. Apply limestone
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- 35. Apply phosphate
- 36. Apply potash

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3

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SCORE PART I
 _____ (Possible 30)

SCORE PART II
 _____ (Possible 30)

TOTAL SCORE
 (Possible 60) _____