IIRDIJE

Extension

I. SOIL PROPERTIES (5 points each, 45 total)

A. PARENT MATERIAL

1A	Weathered bedrock	1D	Eolian sand
1B	Till	1E	Loess
1C	Outwash/Lacustrine	2A	Alluvium
	deposits	2B	Local overwash

B. SLOPE

3A	0-2%	3	Е	19-25%
3B	3-6%	4	A	26-35%
3C	7-12%	4	В	>35%
3D	13-18%			

- **C. LANDFORM**
- 5A Upland hillslope
- Upland swell 5B
- 5C Upland flat
- 5D Upland depression
- 6A Dune
- 6B Flood plain
- 6C Filled depression

D. SURFACE SOIL COLOR GROUP

- Gray 7A
- 7B Brown
- 7C Black

PREVIOUS EROSION Ε.

- 8A None to slight
- 8B Moderate
- 8C Severe

SURFACE TEXTURE F.

- 9A Sandy
- 9B Moderately sandy
- 9C Medium
- 9D Moderately clayey
- 9E Clayey

G. SUBSOIL TEXTURE

- 10A Sandv
- 10B Moderately sandy
- 10C Medium
- 10D Moderately clayey
- 10E Clayey

NATURAL SOIL DRAINAGE н.

- 11A Poorly
- 11B Somewhat poorly
- 11C Moderately well
- 11D Well

LIMITING LAYER Ι.

- 12A Bedrock, 0-20 in 12B Bedrock, 21-40 in 12C Dense till, 0-20 in 12D Dense till, 21-40 in
- 13A Fragipan, 21-40 in
- 13B Coarse sand & gravel, 0-20 in
- 13C Coarse sand & gravel, 21-40 in
- 13D None within 40 in
- 12E Fragipan, 0-20 in
- Purdue University is an equal access/equal opportunity institution. May 2019

Copies of this form (AY-371) are available from the Purdue Extension Education Store, www.edustore.purdue.edu.

Illinois Soil Evaluation Scorecard

AGRICULTURE AY-371

II. AGRICULTURE PRACTICES (3 pts. each, 69 total)

A. LAND USE OVERVIEW

- 14 Restore original vegetation to: A - Wetland; B - Prairie; C - Mesic forest
- Yes No
- 15 A B Prime farmland

B. EROSION AND COMPACTION POTENTIALS

- 16 A B High for erosion by water
- 17 A B High for erosion by wind
- 18 A B High for soil compaction

C. BUFFERS AND COVER CROPS

- 19 A B Grassed waterways
- 20 A B Windbreaks
- 21 A B Filter strips
- 22 Most significant benefit of cover crops: A - Scavenge N; B - No need; C - Erosion control

D. CROPPING PRACTICES

- Yes No
- 23 A B Timber stand improvement (TSI)
- 24 A B Permanent pasture
- 25 A B Crop rotation

E. TILLAGE PRACTICES

- 26 A B No till
- 27 A B Moldboard or chisel plowing

F. WATER MANAGEMENT

- 28 A B Drainage
- 29 A B Irrigation
- 30 A B Terraces

G. PLANT NUTRIENT APPLICATION

		Α	В	С
31	N:	Low	Medium	High
32	P:	Add	Maintenance	None
33	K:	Add	Maintenance	None
34	Lime:	Add	None	

H. NUTRIENT POLLUTION POTENTIAL

- 35 Nitrogen pollution potential:
- A High, ground water; B High surface water; C Med.
- 36 Phosphorus pollution potential:
 - A High; B Medium; C Low

Team / Contestant number:

Contestant name:

School / Club name:

Site number:

SCORE

Part I (45 points possible):

Part II (69 points possible):

Total (114 points possible):