

# Tennessee Land

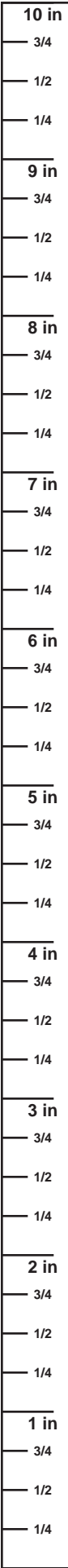
Form #: 601TN-1

Team Name

Team #			
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2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

Code	
0	0
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6	6
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9	9

Last Name										First Name									
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
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Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
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V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
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X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z



Part I - Physical Characteristics													
Field #: 1 2 3 4					Field #: 1 2 3 4								
<b>A. Texture of Surface Soil</b> (5 pts)					<b>F. Rock Fragments</b> (2 pts)								
1 Coarse	(1)	(2)	(3)	(4)	1 None or few	(1)	(2)	(3)	(4)				
2 Medium	(1)	(2)	(3)	(4)	2 Common	(1)	(2)	(3)	(4)				
3 Fine	(1)	(2)	(3)	(4)	3 Many	(1)	(2)	(3)	(4)				
<b>B. Texture of Subsoil</b> (5 pts)					<b>G. Available Water Holding Capacity</b> (6 pts)								
1 Coarse	(1)	(2)	(3)	(4)	1 High	(1)	(2)	(3)	(4)				
2 Medium	(1)	(2)	(3)	(4)	2 Medium	(1)	(2)	(3)	(4)				
3 Fine	(1)	(2)	(3)	(4)	3 Low	(1)	(2)	(3)	(4)				
<b>C. Depth of Soil Favorable for Roots</b> (6 pts)					<b>H. Slope</b> (6 pts)								
1 Deep	36 in. or more	(1)	(2)	(3)	(4)	<i>Middle/East</i>		<i>West</i>		(1)	(2)	(3)	(4)
2 Moderately deep	20 to 36 in.	(1)	(2)	(3)	(4)	1 Nearly level	0 to 2%	0 to 2%	(1)	(2)	(3)	(4)	
3 Shallow	10 to 20 in.	(1)	(2)	(3)	(4)	2 Gently sloping	2 to 5%	2 to 5%	(1)	(2)	(3)	(4)	
4 Very shallow	Less than 10 in.	(1)	(2)	(3)	(4)	3 Sloping	5 to 12%	5 to 8%	(1)	(2)	(3)	(4)	
<b>D. Rock Outcrops</b> (2 pts)					<b>I. Erosion</b> (3 pts)								
1 None or few	(1)	(2)	(3)	(4)	1 None to slight	(1)	(2)	(3)	(4)				
2 Common	(1)	(2)	(3)	(4)	2 Moderate	(1)	(2)	(3)	(4)				
3 Many	(1)	(2)	(3)	(4)	3 Severe	(1)	(2)	(3)	(4)				
<b>E. Drainage Class</b> (6 pts)					<b>J. Position of Site on the Landscape</b> (5 pts)								
1 Excessively drained	(1)	(2)	(3)	(4)	1 Flood Plain	(1)	(2)	(3)	(4)				
2 Well-drained	(1)	(2)	(3)	(4)	2 Upland or terrace	(1)	(2)	(3)	(4)				
3 Moderately well-drained	(1)	(2)	(3)	(4)	3 Footslope	(1)	(2)	(3)	(4)				
4 Somewhat poorly-drained	(1)	(2)	(3)	(4)	4 Depression	(1)	(2)	(3)	(4)				
5 Poorly-drained	(1)	(2)	(3)	(4)									

### Part II - Interpretation

A. Land Capability Class <sup>(4 pts)</sup> Field #: <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
1 Class I	(1)	(2)	(3)	(4)
2 Class II	(1)	(2)	(3)	(4)
3 Class III	(1)	(2)	(3)	(4)
4 Class IV	(1)	(2)	(3)	(4)
5 Class V	(1)	(2)	(3)	(4)
6 Class VI	(1)	(2)	(3)	(4)
7 Class VII	(1)	(2)	(3)	(4)
B. Limitation(s) for Crop Production <sup>(8 pts)</sup> <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
1 Wetness	Y N	Y N	Y N	Y N
2 Slope	Y N	Y N	Y N	Y N
3 Texture of surface soil	Y N	Y N	Y N	Y N
4 Texture of subsoil	Y N	Y N	Y N	Y N
5 Available water capacity	Y N	Y N	Y N	Y N
6 Rock fragments or rock outcrop	Y N	Y N	Y N	Y N
7 Effective depth	Y N	Y N	Y N	Y N
8 Flooding	Y N	Y N	Y N	Y N
C. Crop Yield <sup>(7 pts)</sup> Field #: <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
1 Corn	L M H	L M H	L M H	L M H
2 Cotton	L M H	L M H	L M H	L M H
3 Soybean	L M H	L M H	L M H	L M H
4 Tobacco	L M H	L M H	L M H	L M H
5 Small Grain	L M H	L M H	L M H	L M H
6 Alfalfa	L M H	L M H	L M H	L M H
7 Fescue-white clover	L M H	L M H	L M H	L M H
D. Potential Environmental Problems <sup>(4 pts)</sup>				
1 Sediment, nutrients, or pesticides in streams	L M H	L M H	L M H	L M H
2 Nutrients or pesticides in groundwater	L M H	L M H	L M H	L M H

### Part III - Management Practices

A. Most Intensive Recommended Use <sup>(6 pts)</sup> Field #: <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
1 Continuous annual crops - minimal conservation system	(1)	(2)	(3)	(4)
2 Continuous annual crops - intensive conservation systems	(1)	(2)	(3)	(4)
3 Annual crops in rotation with perennial grass/legume	(1)	(2)	(3)	(4)
4 Permanent grass/legume cover	(1)	(2)	(3)	(4)
5 Trees	(1)	(2)	(3)	(4)
B. Recommended Practices <sup>(9 pts)</sup> Field #: <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
1 Drainage system	Y N	Y N	Y N	Y N
2 Conservation tillage/no-till	Y N	Y N	Y N	Y N
3 Terraces	Y N	Y N	Y N	Y N
4 Grassed waterways	Y N	Y N	Y N	Y N
5 Contour farming	Y N	Y N	Y N	Y N
6 Strip cropping	Y N	Y N	Y N	Y N
7 Filter strips	Y N	Y N	Y N	Y N
8 Cover crops	Y N	Y N	Y N	Y N
9 Lime and fertilize by soil test	Y N	Y N	Y N	Y N

### Part IV - Homesites

A. Suitability for Homesite Requiring Septic Tank Disposal Field <sup>(12 pts)</sup> Field #: <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
1 Drainage	G F P	G F P	G F P	G F P
2 Flooding	G F P	G F P	G F P	G F P
3 Depth	G F P	G F P	G F P	G F P
4 Slope	G F P	G F P	G F P	G F P
5 Percolation rate	G F P	G F P	G F P	G F P
6 Shrink-swell	G F P	G F P	G F P	G F P
B. Suitability for Homesite Requiring Septic Tank Disposal Field <sup>(4 pts)</sup> Field #: <b>1</b> <b>2</b> <b>3</b> <b>4</b>				
	G F P	G F P	G F P	G F P