

# **VALUING FARMLAND USING LAND CLASS RATINGS**

**Leigh Ann Parkinson, R/W-AC  
Presenter**



**1**

# Why Use Land Class Ratings?

- ❑ OBJECTIVE when applied properly
- ❑ DATA required is readily available
- ❑ SIMPLE
- ❑ RESULTS are credible

You're **DYING** to know more, aren't you???

# 3 *Easy* Steps

Gather Soil Data

Use Soil Data to Construct  
Land Class Rating

Adjust Comparable Land  
Values Using Land Class Rating

# Step 1

## Gather Soil Data



Web Soil Survey  
U.S. Department of Agriculture  
Natural Resource Conservation Service

<http://websoilsurvey.nrcs.usda.gov/app/>



# Web Soil Survey

You are here: Web Soil Survey Home

## Search

All NRCS Sites

## Browse by Subject

- ▶ Soils Home
- ▶ National Cooperative Soil Survey (NCSS)
- ▶ Archived Soil Surveys
- ▶ Status Maps
- ▶ Official Soil Series Descriptions (OSD)
- ▶ Soil Series Extent Mapping Tool
- ▶ Geospatial Data Gateway
- ▶ eFOTG
- ▶ National Soil Characterization Data

The simple yet powerful way to access and use soil data.



## Welcome to Web Soil Survey (WSS)



Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. It is operated by the USDA Natural Resources Conservation Service (NRCS) and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties and anticipates having

100 percent in the near future. The site is updated and maintained online as the single authoritative source of soil survey information.

Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. For more detailed information, contact your local [USDA Service Center](#) or your [NRCS State Soil Scientist](#).

## I Want To...

- Start Web Soil Survey (WSS)
- Know the requirements for running Web Soil Survey – will Web Soil Survey work in my web browser?
- Know the Web Soil Survey hours of operation
- Find what areas of the U.S. have soil data
- Find information by topic
- Know how to hyperlink from other documents to Web Soil Survey

## Announcements/Events

- Web Soil Survey 3.1 has been released! View description of new features and fixes.
- Web Soil Survey Release History
- ✉ Sign up for e-mail updates via GovDelivery

Area of Interest (AOI)

Soil Map

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Search

Area of Interest

Import AOI

Quick Navigation

Address

State and County

Soil Survey Area

Latitude and Longitude

PLSS (Section, Township, Range)

Bureau of Land Management

Department of Defense

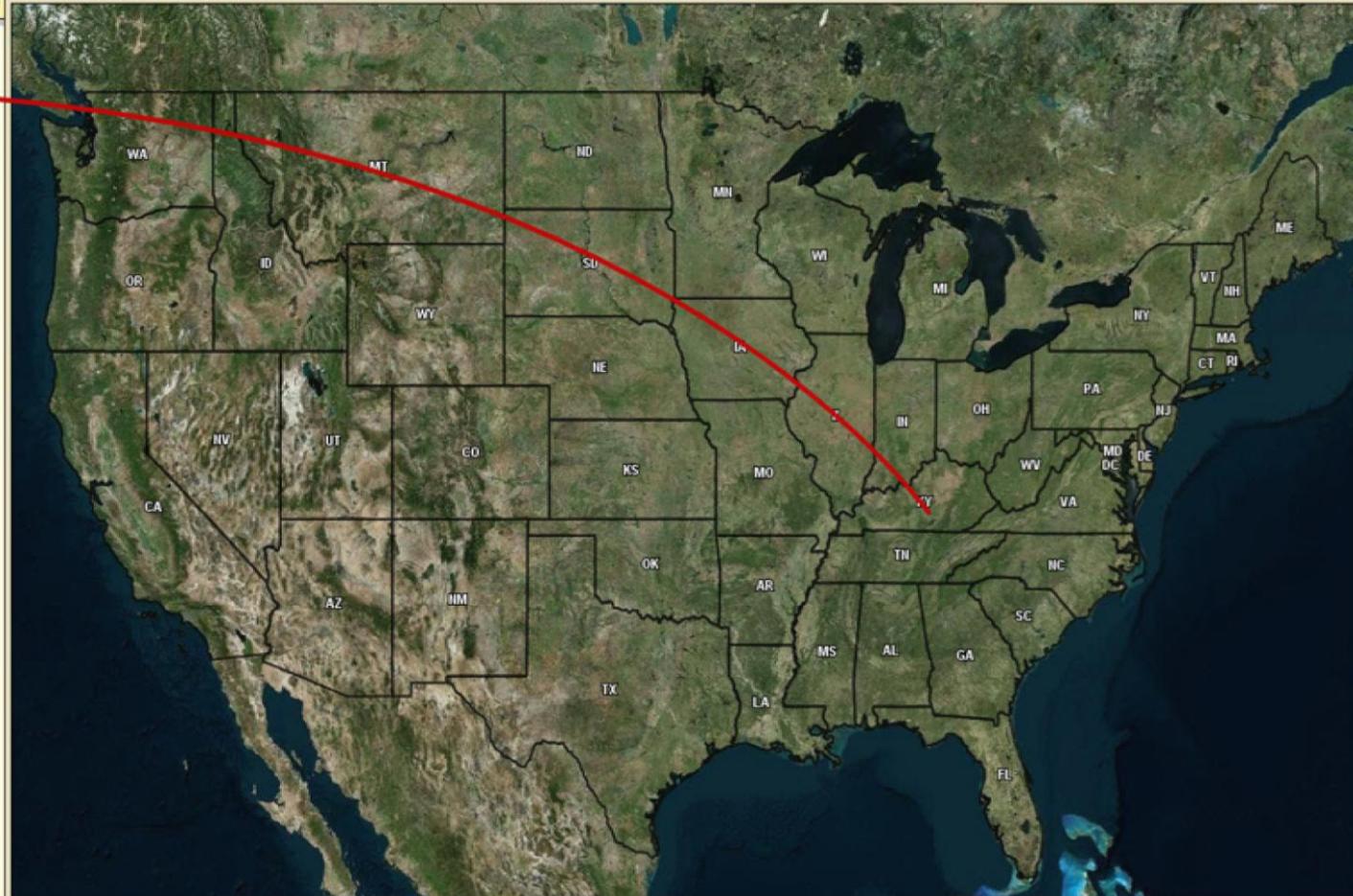
Forest Service

National Park Service

Hydrologic Unit

Area of Interest Interactive Map

View Extent Contiguous U.S. Scale 1:11,800,000 ± 1 %



**Search**

**Area of Interest**

Import AOI

**Quick Navigation**

**Address**

Show location marker

State and County

Soil Survey Area

Latitude and Longitude

PLSS (Section, Township, Range)

Bureau of Land Management

Department of Defense

Forest Service

National Park Service

Hydrologic Unit

**Area of Interest Interactive Map**

View Extent: Contiguous U.S. | Scale: (not to scale)

The map displays the contiguous United States with state boundaries and two-letter state abbreviations. An orange arrow originates from the address input field in the left sidebar and points to the state of Kentucky on the map.



Search

Area of Interest

Import AOI

Quick Navigation

Address

View ?

Address 8651 Burkesville Rd Eighty Eight, KY

Show location marker

View

State and County

Soil Survey Area

Latitude and Longitude

PLSS (Section, Township, Range)

Bureau of Land Management

Department of Defense

Forest Service

National Park Service

Hydrologic Unit

Legend

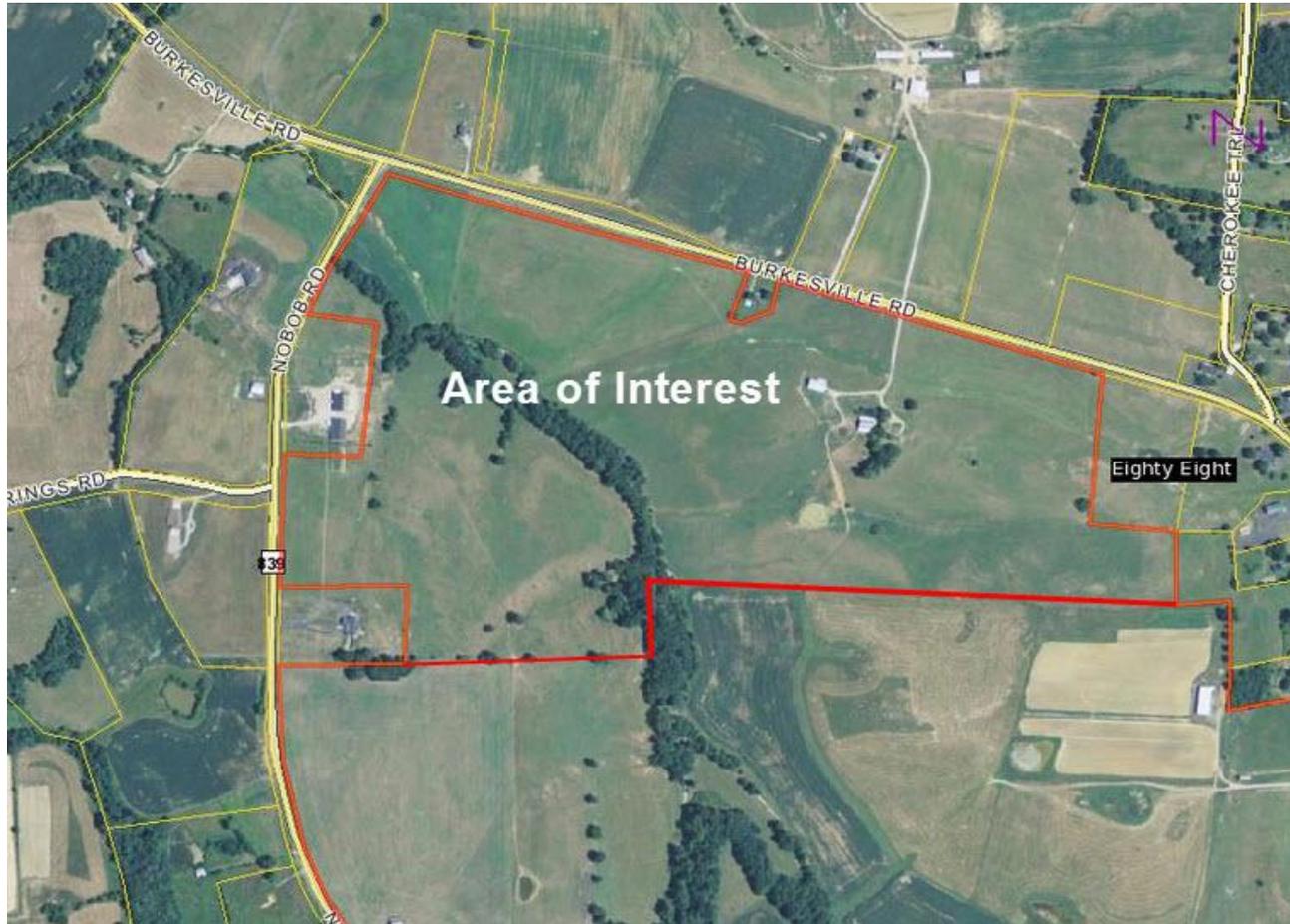
Area of Interest Interactive Map



View Extent Contiguous U.S. Scale (not to scale)



# Map your Area of Interest

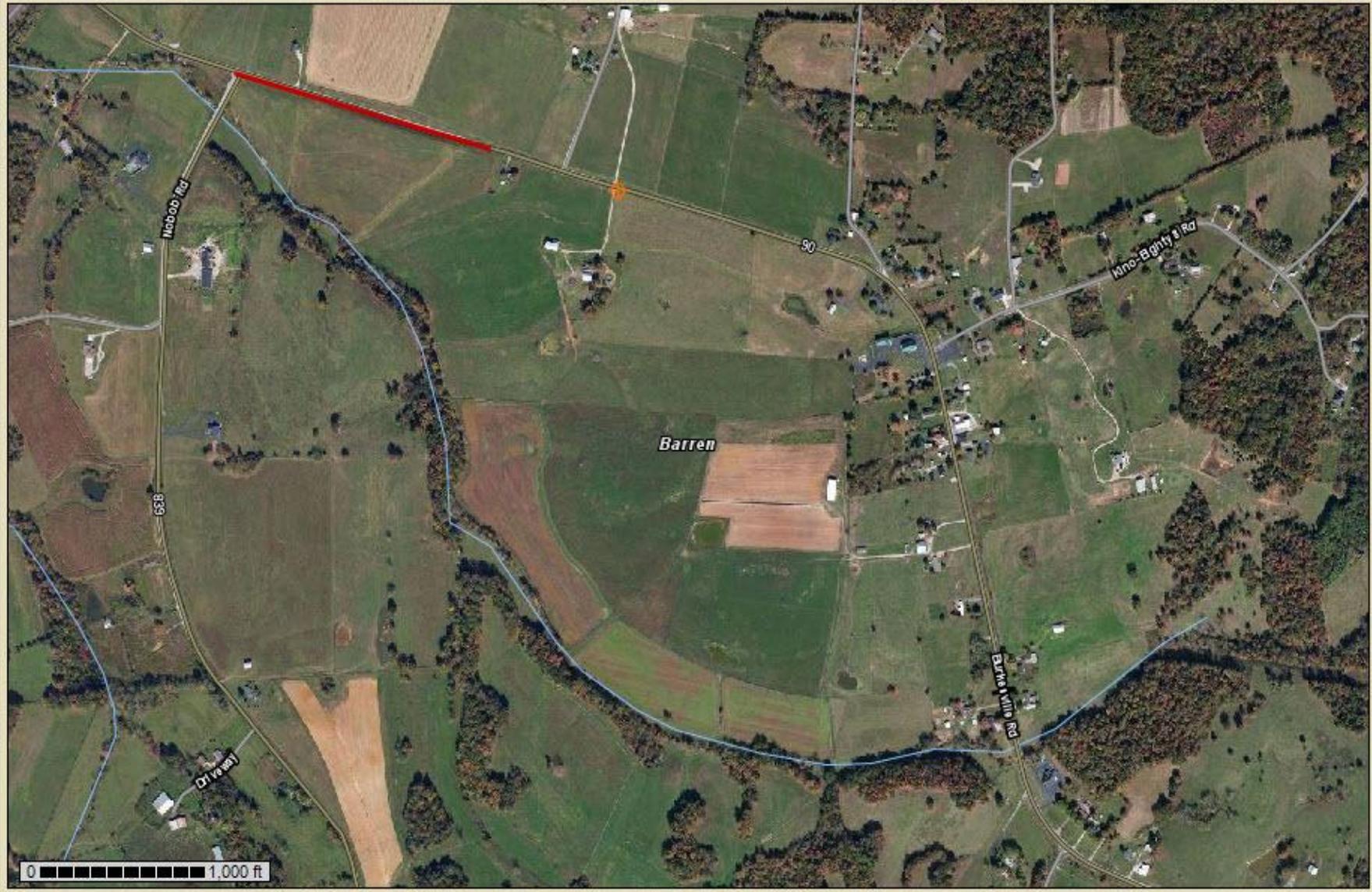


PVA Aerial Map used here

Area of Interest Interactive Map

Legend

View Extent Contiguous U.S. Scale (not to scale)



# Area of Interest Interactive Map

Legend

View Extent  Scale



# Area of Interest Interactive Map

Legend



View Extent

Contiguous U.S.



Scale

(not to scale)



Search

Area of Interest

Import AOI

Quick Navigation

Address

View ?

Address 8651 Burkesville Rd Eighty Eight, KY

Show location marker

View

State and County

Soil Survey Area

Latitude and Longitude

PLSS (Section, Township, Range)

Bureau of Land Management

Department of Defense

Forest Service

National Park Service

Hydrologic Unit

Legend

Area of Interest Interactive Map

View Extent Contiguous U.S. Scale (not to scale)



# Area of Interest is Defined

Area of Interest (AOI) | Soil Map | Soil Data Explorer | Download Soils Data | Shopping Cart (Free)

**Search**

**Area of Interest**

Open All | Close All

**AOI Properties**

Clear AOI

**AOI Information**

Name:

Map Unit Symbols

- Use Soil Survey Area Map Unit Symbols
- Use National Map Unit Symbols

Area (acres): 125.9

**Soil Data Available from Web Soil Survey**

**Barren County Area, Kentucky (KY646)**

Data Availability: Tabular and Spatial, complete

Tabular Data: Version 3, Dec 16, 2013

Spatial Data: Version 2, Dec 16, 2013

Clear AOI

Import AOI

Export AOI

**Quick Navigation**

**Address**

View ?

Address: 8651 Burkesville Rd Eighty Eight, KY

Show location marker

View

State and County

**Area of Interest Interactive Map**

Legend

View Extent: Contiguous U.S. | Scale: (not to scale)



# Soil Map View

Area of Interest (AOI)

**Soil Map**

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Printable Version

Add to Shopping Cart



Search

Map Unit Legend

Barren County Area, Kentucky (KY646)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaB	Baxter cherty silt loam, 2 to 6 percent slopes	1.6	1.2%
BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	4.0	3.2%
BoD	Bodine cherty silt loam, 12 to 20 percent slopes	0.3	0.2%
BoE	Bodine cherty silt loam, 20 to 35 percent slopes	5.1	4.1%
CIB	Christian silt loam, 2 to 6 percent slopes	2.7	2.2%
CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	8.3	6.6%
CnC2	Clarksville cherty silt loam, 6 to 12 percent slopes, eroded (trimble)	5.3	4.2%
CnE2	Clarksville cherty silt loam, 20 to 30 percent slopes, eroded (trimble)	0.1	0.1%
CrB	Crider silt loam, 2 to 6 percent slopes	10.3	8.2%
CrC2	Crider silt loam, 6 to 12 percent slopes, eroded	3.0	2.4%
DcA	Dickson silt loam, 0 to 2 percent slopes	1.6	1.3%
DcB	Dickson silt loam, 2 to 6 percent slopes	11.3	8.9%
DcC2	Dickson silt loam, 6 to 12	2.6	2.1%

Soil Map

Legend

Scale (not to scale)



# Soil Map View

Area of Interest (AOI)

**Soil Map**

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Printable Version

Add to Shopping Cart



Search

Map Unit Legend

Barren County Area, Kentucky (KY646)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaB	Baxter cherty silt loam, 2 to 6 percent slopes	1.6	1.2%
BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	4.0	3.2%
BoD	Bodine cherty silt loam, 12 to 20 percent slopes	0.3	0.2%
BoE	Bodine cherty silt loam, 20 to 35 percent slopes	5.1	4.1%
ClB	Christian silt loam, 2 to 6 percent slopes	2.7	2.2%
CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	8.3	6.6%
CnC2	Clarksville cherty silt loam, 6 to 12 percent slopes, eroded (trimble)	5.3	4.2%
CnE2	Clarksville cherty silt loam, 20 to 30 percent slopes, eroded (trimble)	0.1	0.1%
CrB	Crider silt loam, 2 to 6 percent slopes	10.3	8.2%
Crc2	Crider silt loam, 6 to 12 percent slopes, eroded	3.0	2.4%
DcA	Dickson silt loam, 0 to 2 percent slopes	1.6	1.3%
DcB	Dickson silt loam, 2 to 6 percent slopes	11.3	8.9%
DcC2	Dickson silt loam, 6 to 12	2.6	2.1%

Soil Map

Legend Scale (not to scale)



# Soil Map View

Area of Interest (AOI)

**Soil Map**

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Printable Version

Add to Shopping Cart



Search

Map Unit Legend

Barren County Area, Kentucky (KY646)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaB	Baxter cherty silt loam, 2 to 6 percent slopes	1.6	1.2%
BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	4.0	3.2%
BoD	Bodine cherty silt loam, 12 to 20 percent slopes	0.3	0.2%
BoE	Bodine cherty silt loam, 20 to 35 percent slopes	5.1	4.1%
ClB	Christian silt loam, 2 to 6 percent slopes	2.7	2.2%
CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	8.3	6.6%
CnC2	Clarksville cherty silt loam, 6 to 12 percent slopes, eroded (trimble)	5.3	4.2%
CnE2	Clarksville cherty silt loam, 20 to 30 percent slopes, eroded (trimble)	0.1	0.1%
CrB	Crider silt loam, 2 to 6 percent slopes	10.3	8.2%
CrC2	Crider silt loam, 6 to 12 percent slopes, eroded	3.0	2.4%
DcA	Dickson silt loam, 0 to 2 percent slopes	1.6	1.3%
DcB	Dickson silt loam, 2 to 6 percent slopes	11.3	8.9%
DcC2	Dickson silt loam, 6 to 12	2.6	2.1%

Soil Map



Scale (not to scale)



# Soil Map View

Area of Interest (AOI)

**Soil Map**

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Printable Version

Add to Shopping Cart



Search

Map Unit Legend

Barren County Area, Kentucky (KY646)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaB	Baxter cherty silt loam, 2 to 6 percent slopes	1.6	1.2%
BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	4.0	3.2%
BoD	Bodine cherty silt loam, 12 to 20 percent slopes	0.3	0.2%
BoE	Bodine cherty silt loam, 20 to 35 percent slopes	5.1	4.1%
ClB	Christian silt loam, 2 to 6 percent slopes	2.7	2.2%
CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	8.3	6.6%
CnC2	Clarksville cherty silt loam, 6 to 12 percent slopes, eroded (trimble)	5.3	4.2%
CnE2	Clarksville cherty silt loam, 20 to 30 percent slopes, eroded (trimble)	0.1	0.1%
CrB	Crider silt loam, 2 to 6 percent slopes	10.3	8.2%
CrC2	Crider silt loam, 6 to 12 percent slopes, eroded	3.0	2.4%
DcA	Dickson silt loam, 0 to 2 percent slopes	1.6	1.3%
DcB	Dickson silt loam, 2 to 6 percent slopes	11.3	8.9%
DcC2	Dickson silt loam, 6 to 12	2.6	2.1%

Soil Map

Scale (not to scale)



# Printing the Soil Map

Area of Interest (AOI)

**Soil Map**

Soil Data Explorer

Download Soils Data

Shopping Cart (Free)

Printable Version

Add to Shopping Cart



Search

Map Unit Legend

Barren County Area, Kentucky (KY646)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaB	Baxter cherty silt loam, 2 to 6 percent slopes	1.6	1.2%
BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	4.0	3.2%
BoD	Bodine cherty silt loam, 12 to 20 percent slopes	0.3	0.2%
BoE	Bodine cherty silt loam, 20 to 35 percent slopes	5.1	4.1%
ClB	Christian silt loam, 2 to 6 percent slopes	2.7	2.2%
CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	8.3	6.6%
CnC2	Clarksville cherty silt loam, 6 to 12 percent slopes, eroded (trimble)	5.3	4.2%
CnE2	Clarksville cherty silt loam, 20 to 30 percent slopes, eroded (trimble)	0.1	0.1%
CrB	Crider silt loam, 2 to 6 percent slopes	10.3	8.2%
CrC2	Crider silt loam, 6 to 12 percent slopes, eroded	3.0	2.4%
DcA	Dickson silt loam, 0 to 2 percent slopes	1.6	1.3%
DcB	Dickson silt loam, 2 to 6 percent slopes	11.3	8.9%
DcC2	Dickson silt loam, 6 to 12	2.6	2.1%

Soil Map



Printable Version Options

Report Options

Title Soil Map; Barren County Area, Kentucky

Subtitle (optional)

- Area of Interest Name: (none defined)
- Custom Subtitle: Bobby Richardson Farm - P306
- None

Map Options

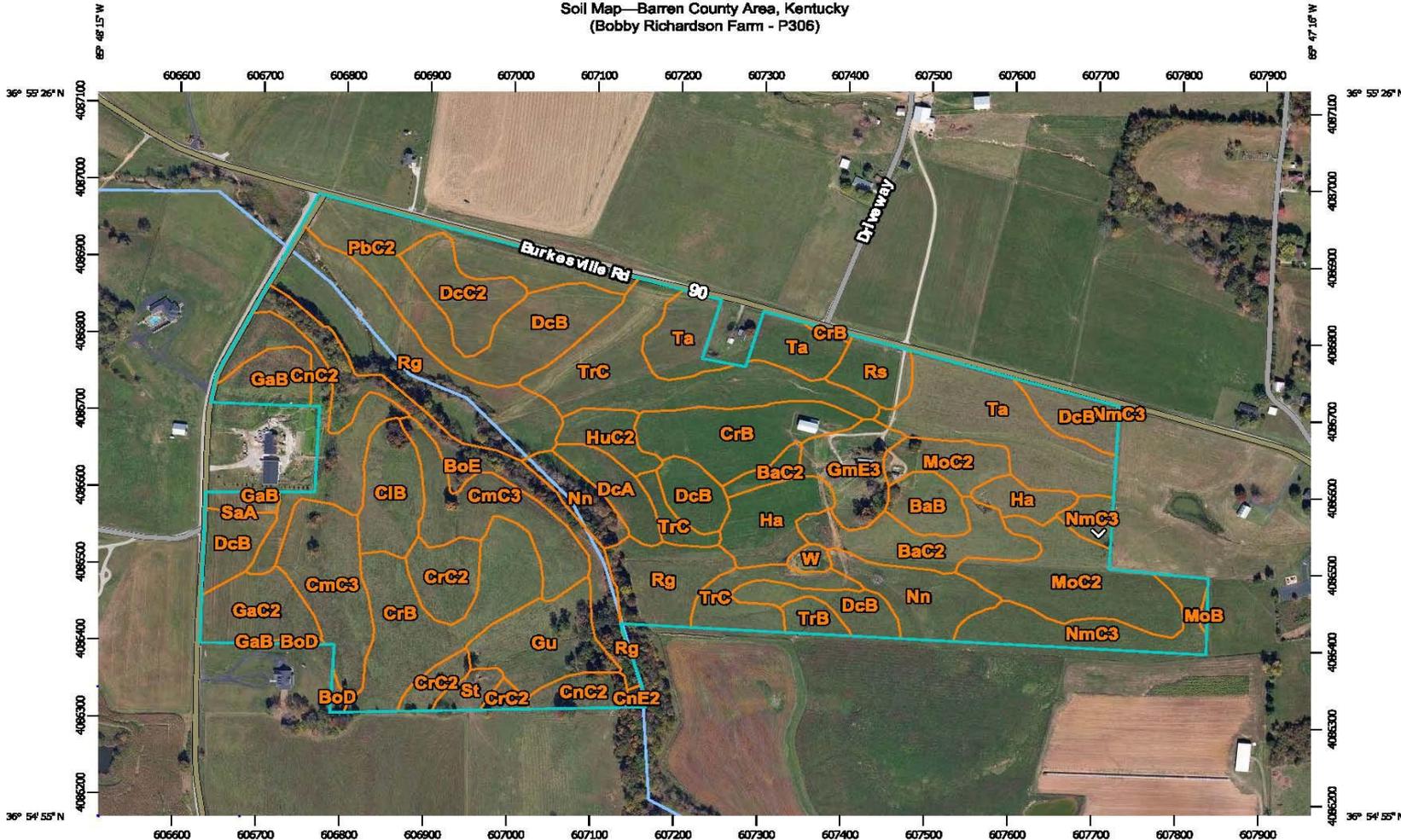
Map Scale Fit to page

Printed Sheet Size A landscape (11" x 8.5") — 1 sheet

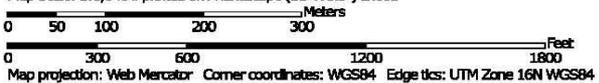
Show UTM Coordinate Ticks

Cancel View

Soil Map—Barren County Area, Kentucky  
(Bobby Richardson Farm - P306)



Map Scale: 1:6,640 if printed on A landscape (11" x 8.5") sheet.



USDA  
Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

8/31/2014  
Page 1 of 4

SOIL MAP

# Capability Class

Area of Interest (AOI) | Soil Map | **Soil Data Explorer** | Download Soils Data | Shopping Cart (Free)

View Soil Information By Use: All Uses Printable Version Add to Shopping Cart

Intro to Soils | **Suitabilities and Limitations for Use** | Soil Properties and Qualities | Ecological Site Assessment | Soil Reports

**Search**

**Suitabilities and Limitations Ratings**

Open All Close All

- Building Site Development
- Construction Materials
- Disaster Recovery Planning
- Land Classifications**
- Conservation Tree and Shrub Group
- Ecological Site ID
- Ecological Site Name
- Farmland Classification
- Hydric Rating by Map Unit
- Irrigated Capability Class
- Irrigated Capability Subclass
- NH Forest Soil Group
- Nonirrigated Capability Class**

View Description View Rating

**View Options**

- Map
- Table
- Description of Rating
- Rating Options
- Detailed Description

**Advanced Options**

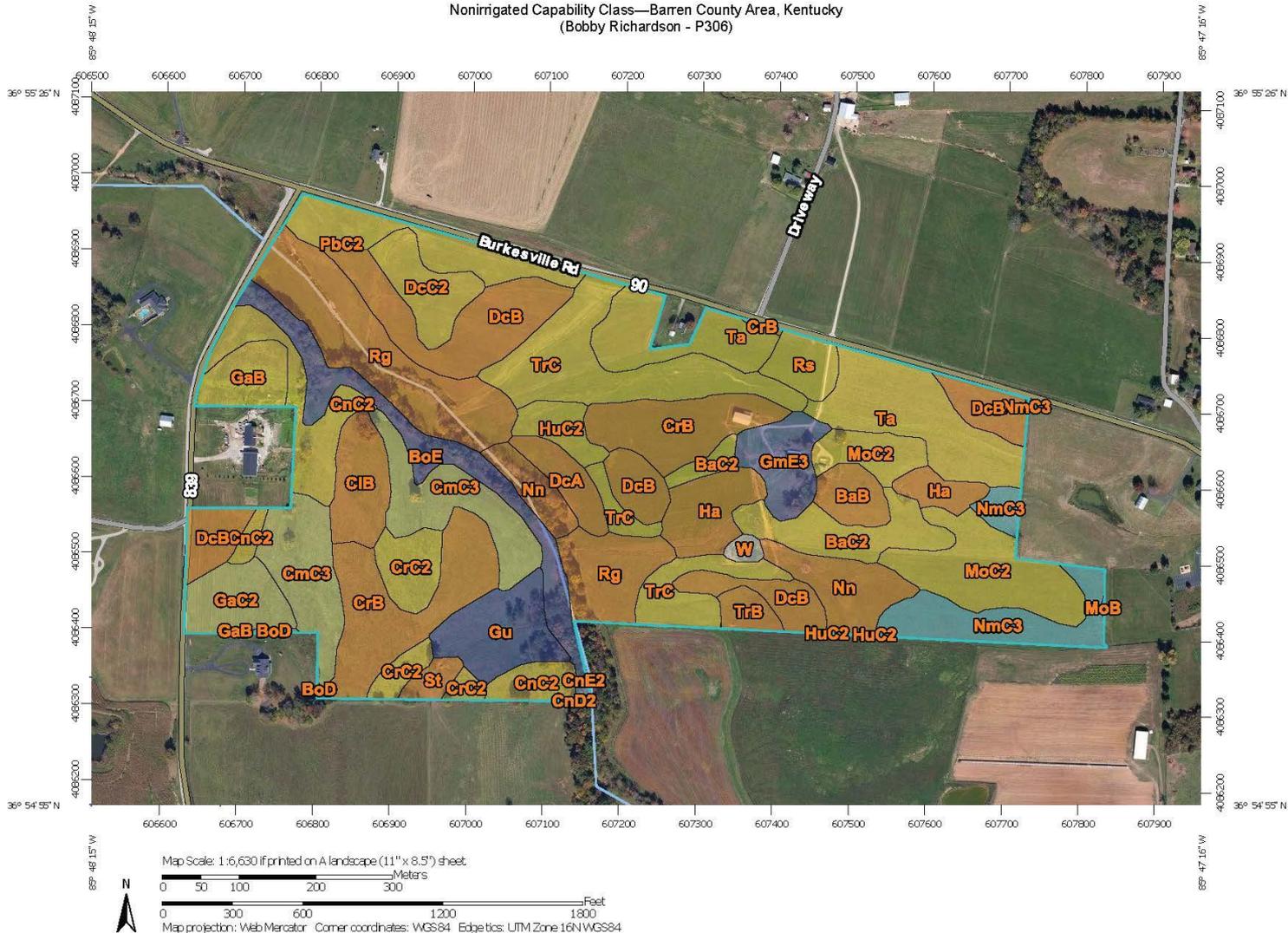
View Description View Rating

**Soil Map**

Scale: (not to scale)

# Capability Class

Nonirrigated Capability Class—Barren County Area, Kentucky  
(Bobby Richardson - P306)



Print Option

## Nonirrigated Capability Class

Nonirrigated Capability Class— Summary by Map Unit — Barren County Area, Kentucky (KY646)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BaB	Baxter cherty silt loam, 2 to 6 percent slopes	2	1.6	1.2%
BaC2	Baxter cherty silt loam, 6 to 12 percent slopes, eroded	3	4.0	3.2%
BoD	Bodine cherty silt loam, 12 to 20 percent slopes	6	0.1	0.1%
BoE	Bodine cherty silt loam, 20 to 35 percent slopes	7	5.0	4.0%
CIB	Christian silt loam, 2 to 6 percent slopes	2	2.7	2.2%
CmC3	Christian silty clay loam, 6 to 12 percent slopes, severely eroded	4	8.0	6.4%
CnC2	Clarksville cherty silt loam, 6 to 12 percent slopes, eroded (trimble)	3	5.2	4.1%
CnD2	Clarksville cherty silt loam, 12 to 20 percent slopes, eroded (trimble)	4	0.0	0.0%
CnE2	Clarksville cherty silt loam, 20 to 30 percent slopes, eroded (trimble)	6	0.1	0.1%
CrB	Crider silt loam, 2 to 6 percent slopes	2	10.3	8.2%
CrC2	Crider silt loam, 6 to 12 percent slopes, eroded	3	3.1	2.5%
DcA	Dickson silt loam, 0 to 2 percent slopes	2	1.6	1.3%
DcB	Dickson silt loam, 2 to 6 percent slopes	2	11.3	9.0%
DcC2	Dickson silt loam, 6 to 12 percent slopes, eroded	3	2.6	2.1%
GaB	Garmon silt loam, 2 to 6 percent slopes	3	2.1	1.7%
GaC2	Garmon silt loam, 6 to 12 percent slopes, eroded	4	2.7	2.1%

*Refer to Handout for larger view*

Nonirrigated Capability Class— Summary by Map Unit — Barren County Area, Kentucky (KY646)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
GmE3	Garmon shaly silt loam, 15 to 25 percent slopes, severely eroded	7	2.6	2.1%
Gu	Gullied land	8	3.7	2.9%
Ha	Hamblen silt loam	2	3.8	3.0%
HuC2	Humphreys cherty silt loam, 6 to 12 percent slopes, eroded	3	1.5	1.2%
MoB	Mountview silt loam, 2 to 6 percent slopes	2	0.0	0.0%
MoC2	Mountview silt loam, 6 to 12 percent slopes, eroded	3	7.0	5.6%
NmC3	Needmore silty clay, 6 to 12 percent slopes, severely eroded	6	4.4	3.5%
Nn	Newark silt loam	2	4.4	3.5%
PbC2	Pembroke silt loam, 6 to 12 percent slopes, eroded	3	3.8	3.0%
Rg	Robinsonville gravelly silt loam (sensabaugh)	2	11.1	8.8%
Rs	Roellen silty clay loam	3	1.6	1.3%
St	Staser silt loam	2	0.7	0.6%
Ta	Taft silt loam	3	9.5	7.5%
TrB	Tarklin cherty silt loam, 2 to 6 percent slopes	2	0.9	0.7%
TrC	Tarklin cherty silt loam, 6 to 12 percent slopes	3	9.8	7.8%
W	Water		0.4	0.3%
<b>Totals for Area of Interest</b>			<b>125.7</b>	<b>100.0%</b>

*Refer to Handout for larger view*

**Now We're Cookin'!!**

**Soil Data Collection  
is Complete**

# Step 2

**Use Soil Data to  
Construct a Land Class Rating**

# Converting Soil Classes into Rating Classifications

SOIL CLASS (per WSS)	Soil Rating
<b>Class 1</b> soils have few limitations that restrict their use.	100
<b>Class 2</b> soils have moderate limitations that reduce the choice of plants or that require moderate conservation practices.	85
<b>Class 3</b> soils have severe limitations that reduce the choice of plants or that require special conservation practices, or both.	70
<b>Class 4</b> soils have very severe limitations that reduce the choice of plants or that require very careful management, or both.	55
<b>Class 5</b> soils are subject to little or no erosion but have other limitations, impractical to remove, that restrict their use mainly to pasture, etc.	40
<b>Class 6</b> soils have severe limitations that make them generally unsuitable for cultivation and that restrict their use mainly to pasture, etc.	25
<b>Class 7</b> soils have very severe limitations that make them unsuitable for cultivation and that restrict their use mainly to grazing, forestland, etc.	10
<b>Class 8</b> soils and miscellaneous areas have limitations that preclude commercial plant production and restrict their use to recreational purposes, wildlife habitat, or esthetic purposes.	5

# Other Considerations

- ❑ **USE is not appropriate for interim ag uses**  
Development potential will skew results
- ❑ **PONDS/WATER not included**  
Their value assigned elsewhere

# Calculating the Land Class Rating

## (Subject Property)

Soil Class	Acres	Soil Rating	Composite (PU)
2	48.5	85	4122.5
3	50.2	70	3514
4	10.7	55	588.5
6	4.6	25	115
7	7.6	10	76
8	3.7	5	18.5
<b>Totals</b>	<b>125.3</b>		<b>8434.5</b>

$$\begin{array}{r}
 \text{Composite} \\
 \hline
 8434.5
 \end{array}
 \div
 \begin{array}{r}
 \text{Total Acres} \\
 \hline
 125.3
 \end{array}
 =
 \begin{array}{r}
 \text{Land Class Rating} \\
 \hline
 67.3
 \end{array}$$

# Calculating the Land Class Rating

## (Comparable Sale)

Soil Class	Acres	Soil Rating	Composite (PU)
2	53.5	85	4547.5
3	65	70	4550
4	6.5	55	357.5
6	2.3	25	57.5
7	1.7	10	17
8	0	5	0.0
<b>Totals</b>	<b>129</b>		<b>9529.5</b>

$$\begin{array}{rcccl}
 \text{Composite} & \div & \text{Total Acres} & = & \text{Land Class Rating} \\
 \boxed{9529.5} & & \boxed{129} & & \boxed{73.9}
 \end{array}$$

# Writing up a Comparable Sale

KYTC Form 62-20C is *DESIGNED* to accommodate LCR

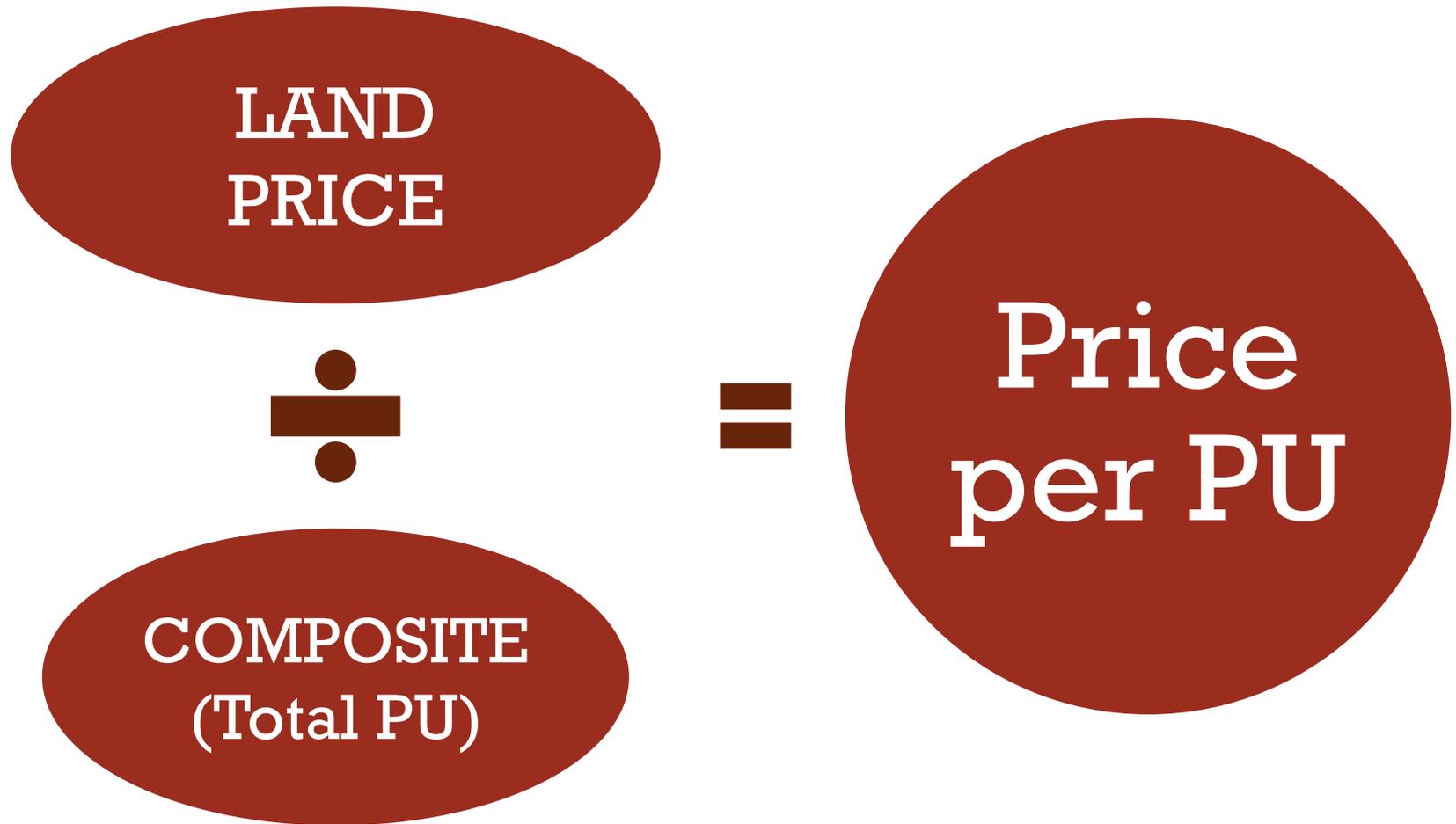


(Excerpt from Handout Supplement)

Allocation And Contributing Values (Date Of Sale)							
Land Topography	(L) Level	(SR) Slightly Rolling	(R) Rolling	(H) Hilly	(W) Waste		
Land Quality	(E) Excellent	(VG) Very Good	(G) Good	(F) Fair	(P) Poor		
Land Classification	Topo/Quality	Rating Factor	Area	UOM	Composite	Unit Value	Contribution
Cropland-Class 2	SR / G	85	53.5000	AC	4547.5	\$2,846.00	\$152,250.00
Cropland-Class 3	SR / F	70	65.0000	AC	4550	\$2,343.00	\$152,289.00
Pasture-Class 4	R / G	55	6.5000	AC	357.5	\$1,841.00	\$11,966.00
Pasture-Class 6	SR / F	25	2.3000	AC	57.5	\$837.00	\$1,925.00
Woodlands-Class 7	R / F	10	1.7000	AC	17	\$335.00	\$570.00
Comparable Sale's Land Class Rating is:			$\frac{\text{Composite Total}}{\text{Area Total}} \text{ eq } 73.87$				

# Price Per Productive Unit

A Meaningful Unit of Comparison



# Price/Acre vs. Price/Productive Unit

## A Sample of Actual Sales

SALE PRICE	ACRES	PER ACRE PRICE	COMPOSITE (TOTAL PU)	\$\$/PU
\$29,000	30.00	\$967	900	\$32.22
\$47,520	31.68	\$1,500	1,462	\$32.49
\$36,800	36.80	\$1,000	1,104	\$33.33
\$94,926	55.28	\$1,808	2,990	\$33.42
\$44,304	27.69	\$1,600	1,323	\$33.49
\$25,500	14.96	\$1,705	665	\$38.33
<b>Variances</b>		<b>187%</b>		<b>119%</b>

Which appears more meaningful???

# Calculating Price/Productive Unit (Using the Comparable Sale)

$$\begin{array}{r} \text{Land Value} \qquad \qquad \qquad \$319,000 \\ \text{Composite (PU)} \div \underline{9530} \end{array}$$

**\$33.47 per PU**

# Step 3

## Adjust Comparable Land Values Using Land Class Rating

When selecting comparable sales, look for those most similar in acreage/size and Land Class Rating to the Subject

# Adjusting for Land Class Rating

Subject's LCR is (67.3)

Sale's LCR is (73.9)

**Which property is superior?**

**Why?**

# Adjusting for Land Class Rating

**Subject's LCR is (67.3)**

**Sale's LCR is (73.9)**

**Subject LCR 67.3 ÷ Sale LCR 73.9 = .91**

**.91 - 1.0 = -.09**

**Sale's OVERALL Land Value is \$2,458/acre**

**Comparable Sale's land value of \$2,458/acre**

**X Adjustment factor of -.09 = -\$221/acre**

# HELPFUL LINKS & RESOURCES

## Web Soil Survey

U.S. Department of Agriculture  
Natural Resource Conservation Service

<http://websoilsurvey.nrcs.usda.gov/app/>

## How to Use Web Soil Survey 3.0

[http://websoilsurvey.nrcs.usda.gov/app/Help/WSS\\_HomePage\\_HowTo\\_3\\_0.pdf](http://websoilsurvey.nrcs.usda.gov/app/Help/WSS_HomePage_HowTo_3_0.pdf)

For a complete PDF of this presentation, please email a request to: [laparkinson@duncanappraisal.biz](mailto:laparkinson@duncanappraisal.biz)

# QUESTIONS & COMMENTS