

# Major Land Resource Area 121X

## Kentucky Bluegrass

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### Ecological site keys

#### MLRA 121

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##### I. Limestone Uplands

- A. **Shallow** ... F121XY001KY – Shallow Limestone Residuum Backslopes
- B. **Moderately Deep** ... F121XY002KY – Moderately Deep Interbedded Limestone-Shale Backslopes
- C. **Deep**
  - 1 **Ordovician Limestone Uplands** ... F121XY006KY – Ordovician Limestone Upland
  - 2 **Phosphatic Limestone Uplands** ... F121XY010KY – Phosphatic Limestone Upland

##### II. Knobs Shale-Siltstone Uplands

- A. **Weathered Shale Uplands** ... F121XY003KY – Weathered Shale Upland
- B. **Moderately Deep Shale-Siltstone Backslope** ... F121XY008KY – Moderately Deep Shale-Siltstone Backslope
- C. **Black Shale Uplands** ... F121XY005KY – Black Shale Upland

##### III. Fragipan Uplands

- A. **SWPD and PD Fragipan Uplands** ... F121XY022KY – Somewhat Poorly Drained Fragipan Upland
- B. **Well Drained and MWD Fragipan Upland** ... F121XY023KY – Well Drained & Moderately Well Drained Fragipan Upland

##### IV. Loess Uplands ... F121XY021KY – Loess Capped Upland

##### V. Lakebeds

- A. **Poorly Drained and Very Poorly Drained Terrace Lakebeds** ... F121XY014KY – Poorly Drained & Very Poorly Drained Terrace Lakebed
- B. **Somewhat Poorly Drained Terrace Lakebeds** ... F121XY015KY – Somewhat Poorly Drained Terrace Lakebeds

##### VI. Footslopes

- A. **Colluvial Footslopes** ... F121XY024KY – Colluvial Footslope

##### VII. Terraces

- A. **No Fragipan** ... F121XY016KY – Well Drained & Moderately Well Drained Terrace

## **B. Fragipan**

**1 Somewhat Poorly Drained Fragipan Terrace** ... F121XY017KY – Somewhat Poorly Drained Fragipan Terrace

**2 Moderately Well Drained Fragipan Terrace** ... F121XY018KY – Moderately Well Drained Fragipan Terrace

## **VIII. Floodplains**

**A. Poorly drained and Very Poorly Drained Floodplains** ... F121XY030KY – Poorly Drained & Very Poorly Drained Floodplain

**B. SWPD Floodplains** ... F121XY031KY – Somewhat Poorly Drained Floodplain

**C. Well Drained and Moderately Well Drained Floodplain** ... F121XY033KY – Well Drained & Moderately Well Drained Floodplain

## **121 PES KEY dichotomous**

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### **1a. Residuum, Colluvium**

#### **2a. Residuum**

##### **3a. Limestone Uplands**

###### **4a. Shallow to Moderately Deep**

**5a. Shallow** ... F121XY001KY – Shallow Limestone Residuum Backslopes

**5b. Mod Deep** ... F121XY002KY – Moderately Deep Interbedded Limestone-Shale Backslopes

###### **4b. Deep - Parent Material – Ordovician Limestone or Phosphatic Limestone**

**6a. Ordovician Limestone** ... F121XY006KY – Ordovician Limestone Upland

**6b. Phosphatic Limestone** ... F121XY010KY – Phosphatic Limestone Upland

##### **3b. Parent Material otherwise**

###### **7a. Knob Shale Siltstone Uplands**

**8a. Black Shale** ... F121XY005KY – Black Shale Upland

###### **8b. Parent Material Otherwise**

**9a. Moderately deep** ... F121XY008KY – Moderately Deep Shale-Siltstone Backslope

**9b. Otherwise and Weathered** ... F121XY003KY – Weathered Shale Upland

###### **7b. Parent Material otherwise - Fragipan or Loess Cap present**

###### **10a. Fragipan Uplands**

**11a. Somewhat Poorly Drained and PD** ... F121XY022KY – Somewhat Poorly Drained Fragipan Upland

**11b. Well Drained and MWD ... F121XY023KY – Well Drained & Moderately Well Drained  
Fragipan Upland**

**10b. Loess Cap present ... F121XY021KY – Loess Capped Upland**

**2b. Colluvium – Footslopes ... F121XY024KY – Colluvial Footslope**

**1b. Alluvium – Terraces, Lakebeds, Floodplains**

**12a. Lakebeds and Terraces**

**13a. Lakebeds**

**14a. Poorly Drained and VPD ... F121XY014KY – Poorly Drained & Very Poorly Drained  
Terrace Lakebed**

**14b. Somewhat Poorly Drained ... F121XY015KY – Somewhat Poorly Drained Terrace  
Lakebeds**

**13b. Terraces**

**15a. No Fragipan ... F121XY016KY – Well Drained & Moderately Well Drained Terrace**

**15b. Fragipan**

**16a. Somewhat Poorly Drained ... F121XY017KY – Somewhat Poorly Drained Fragipan  
Terrace**

**16b. Moderately Well Drained ... F121XY018KY – Moderately Well Drained Fragipan  
Terrace**

**12b. Floodplains**

**17a. Somewhat Poorly Drained to VPD**

**18a. Poorly Drained to VPD ... F121XY030KY – Poorly Drained & Very Poorly Drained  
Floodplain**

**18b. Somewhat Poorly Drained ... F121XY031KY – Somewhat Poorly Drained Floodplain**

**17b. Well Drained to MWD ... F121XY033KY – Well Drained & Moderately Well Drained  
Floodplain**