

Major Land Resource Area 121X

Kentucky Bluegrass

Accessed: 05/15/2026

Ecological site keys

MLRA 121

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

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**