

# Major Land Resource Area 121X

## Kentucky Bluegrass

Accessed: 12/17/2025

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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