

Adams County, Illinois

515C3—Bunkum silty clay loam, 5 to 10 percent slopes, severely eroded

Map Unit Setting

National map unit symbol: 2kv4x
Mean annual precipitation: 37 to 45 inches
Mean annual air temperature: 54 to 57 degrees F
Frost-free period: 180 to 200 days
Farmland classification: Not prime farmland

Map Unit Composition

Bunkum and similar soils: 90 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bunkum

Setting

Landform: Ground moraines
Landform position (two-dimensional): Shoulder, backslope
Down-slope shape: Convex
Across-slope shape: Linear

Typical profile

H1 - 0 to 3 inches: silty clay loam
H2 - 3 to 50 inches: silty clay loam
H3 - 50 to 65 inches: silt loam
H4 - 65 to 80 inches: silt loam

Properties and qualities

Slope: 5 to 10 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat poorly drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat):
Moderately high (0.20 to 0.60 in/hr)
Depth to water table: About 12 to 24 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 11.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: C/D

Data Source Information

Soil Survey Area: Adams County, Illinois
Survey Area Data: Version 11, Sep 13, 2014