

APPENDIX I

USDA NRCS Soil Group HaA Profile

Suffolk County, New York

HaA—Haven loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 9x6v
Mean annual precipitation: 45 to 50 inches
Mean annual air temperature: 50 to 54 degrees F
Frost-free period: 150 to 225 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Haven and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Haven

Setting

Landform: Outwash plains
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy glaciofluvial deposits over sandy and gravelly glaciofluvial deposits

Typical profile

Oa - 0 to 2 inches: highly decomposed plant material
H1 - 2 to 5 inches: loam
H2 - 5 to 19 inches: loam
BC - 19 to 28 inches: gravelly loam
C - 28 to 60 inches: stratified gravelly sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat):
 Moderately high to high (0.20 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: B
Hydric soil rating: No

Minor Components**Bridgehampton***Percent of map unit: 5 percent**Hydric soil rating: No***Montauk***Percent of map unit: 5 percent**Hydric soil rating: No***Scio***Percent of map unit: 5 percent**Hydric soil rating: No***Unnamed soils, gravelly***Percent of map unit: 5 percent**Hydric soil rating: No***Riverhead***Percent of map unit: 5 percent**Hydric soil rating: No***Data Source Information**

Soil Survey Area: Suffolk County, New York

Survey Area Data: Version 15, Oct 8, 2017