

Major Land Resource Area 142X

St. Lawrence-Champlain Plain

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Ecological site keys

MLRA 142X Determination Key

I. These soils will have a mean annual temperature is between 0 and 8°C and the difference between mean summer (June, July, August) and mean winter (December, January, February) soil temperatures is 6°C or more either at a depth of 50cm below the soil surface or at root restriction, whichever is shallower (USDA Keys to Soil Taxonomy, 13th Edition). ... Key 2 – MLRA 142 - Frigid Soil Temperature Regime (St. Lawrence Valley and Upper Champlain Valley)

II. These soils will have a mean annual soil temperature 8°C or higher but lower than 15°C and the difference between mean summer (June, July, August) and mean winter (December, January, February) soil temperatures is 6°C or more either at a depth of 50cm below the soil surface or at root restriction, whichever is shallower (USDA Keys to Soil Taxonomy, 13th Edition). ... Key 3 – MLRA 142 - Mesic Soil Temperature Regime (Eastern Ontario Plain and Lower Champlain Valley)