Major Land Resource Area 102C
Loess Uplands

Ecological site keys

MLRA 102C Site Key

I. Run on landscape

    Site is a closed depression ... R102CY043NE – SHALLOW MARSH

    Site is not a closed depression

        Seasonal high water table above 102 centimeters

            Site is ponded to saturated ... R102CY044NE – WET LAND

            Site has a seasonal water table 0-51 centimeters ... R102CY045NE – WET SUBIRRIGATED

            Site has a seasonal water table 51-102 centimeters

                Soil effervesces ... R102CY053NE – LIMY SUBIRRIGATED

                Soil does not effervesce

                    Soil has visible salts ... R102CY047NE – SALINE SUBIRRIGATED

                    Soil has no visible salts ... R102CY046NE – Subirrigated

        Seasonal high water table below 102 centimeters

            Parent material is sandy alluvium ... R102CY051NE – SANDY LOWLAND

            Parent material is not sandy alluvium

                Surface texture is clay or silty clay ... R102CY049NE – CLAYEY OVERFLOW

                Surface texture is not clay or silty clay

                    Site is an active floodplain (occasional to frequent flooding) ... R102CY048NE – Loamy Overflow

                    Site is on a higher landscape position including terraces (rare to no flooding)

                        Soil texture is sandy loam, loamy sand, or sand ... R102CY051NE – SANDY LOWLAND

                        Other soil textures ... R102CY050NE – Loamy Lowland

II. Run off landscape

    Soil depth less than 51 centimeters

        Clay or silty clay soil texture ... R102CY060NE – SHALLOW CLAY

        Other soil textures ... R102CY061NE – SHALLOW LIMY

    Soil depth greater than 51 centimeters

        Gravelly within 51 centimeters ... R102CY062NE – SHALLOW TO GRAVEL

        Not gravelly within 51 centimeters

            Slope greater than 30 percent ... R102CY063NE – Loess Breaks

            Slope less than 30 percent

                Soil effervesces ... R102CY059NE – Limy Upland

                Soil does not effervesce

                    Soil texture is clay or silty clay ... R102CY057NE – CLAYEY

                    Soil texture is loamy sand, sand, fine sand ... R102CY055NE – SANDS

                    Soil texture is loamy fine sand, sandy loam, fine sandy loam (slope < 4%) ... R102CY054NE – Sandy

Soil texture is other than above ... R102CY058NE – Loamy Upland