

Major Land Resource Area 102A

Rolling Till Prairie

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Ecological site keys

RUN-IN Landscape Positions (Floodplain, Drainageways, etc., except depressions)

A. Dig hole to a depth of 20 inches

B. Is it organic?

Yes See MLRA Key "Other Landscape Positions"

No Observe the soil profile to a depth of 60 inches.

C. Is there evidence of a permanent water table within 0-2 feet of the surface and the site dominated by hydrophytes?

Yes Are there visible salts (including sodium and gypsum) within 16 inches of the surface?

Yes Saline Lowland ... R102AY007SD

No Linear Meadow ... R102AY002SD

No Is there evidence of a permanent water table within 2 to 5 feet of the surface?

Yes Does the soil effervesce with acid at or near the surface or have visible salt (including sodium and gypsum) crystals within 6 inches?

No Subirrigated ... R102AY003SD

Yes Salts within 16 inches?

Yes Saline Subirrigated ... R102AY036SD

No Limy Subirrigated ... R102AY006SD

No Does water flow into and over/through the site?

No See MLRA Key "Other Landscape Positions"

Yes Does it have a flooding frequency?

Yes Loamy Floodplain ... R102AY040SD

No What is the surface texture of the soil?

D. Clay, Silty Clay

Yes Clayey Overflow ... R102AY021SD

No Loamy Overflow ... R102AY020SD