

# Major Land Resource Area 102A

## Rolling Till Prairie

Accessed: 05/21/2025

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### Ecological site keys

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

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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 ... R102AY007SD – Saline Lowland

No Linear Meadow ... R102AY002SD ... R102AY002SD – Linear Meadow

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 ... R102AY003SD – Subirrigated

Yes Salts within 16 inches?

Yes Saline Subirrigated ... R102AY036SD ... R102AY036SD – Saline Subirrigated

No Limy Subirrigated ... R102AY006SD ... R102AY006SD – Limy Subirrigated

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 ... R102AY040SD –  
Loamy Floodplain

No What is the surface texture of the soil?

D. Clay, Silty Clay

Yes Clayey Overflow ... R102AY021SD ...  
R102AY021SD – Clayey Overflow

No Loamy Overflow ... R102AY020SD ... R102AY020SD  
– Loamy Overflow