

# Chemical Soil Properties

Washington County, Arkansas

[Absence of an entry indicates that data were not estimated]

| Map symbol and soil name | Depth     | Cation-exchange capacity | Effective cation-exchange capacity | Soil reaction | Calcium carbonate | Gypsum     | Salinity        | Sodium adsorption ratio |
|--------------------------|-----------|--------------------------|------------------------------------|---------------|-------------------|------------|-----------------|-------------------------|
|                          | <i>In</i> | <i>meq/100 g</i>         | <i>meq/100 g</i>                   | <i>pH</i>     | <i>Pct</i>        | <i>Pct</i> | <i>mmhos/cm</i> |                         |
| AgF:                     |           |                          |                                    |               |                   |            |                 |                         |
| Allegheny                | 0-13      | ---                      | 0.8-3.5                            | 4.5 - 5.5     | 0                 | 0          | 0.0             | 0                       |
|                          | 13-30     | ---                      | 3.3-6.5                            | 4.5 - 5.5     | 0                 | 0          | 0.0             | 0                       |
|                          | 30-43     | ---                      | 3.9-9.7                            | 4.5 - 5.5     | 0                 | 0          | 0.0             | 0                       |
|                          | 43-60     | ---                      | 5.3-12                             | 4.5 - 5.5     | 0                 | 0          | 0.0             | 0                       |
|                          | 60-74     | ---                      | 9.7-15                             | 4.5 - 6.0     | 0                 | 0          | 0.0             | 0                       |